



Board of Directors

OPEN REGULAR MEETING

**Thursday, April 29, 2021
1:00 pm**

via ZOOM

Join Zoom Meeting

<https://zoom.us/j/92891972345?pwd=SjNLMWZ2enFIMi9QMXUwa0FjSHB6UT09>

Meeting ID: 928 9197 2345
Passcode: 391038
Call in, if needed: +1 778 907 2071 Canada

A G E N D A

1. Call to Order

2. Land Acknowledgement

- 2.a)** We acknowledge and appreciate that the land on which we gather is the converging, traditional and unceded territory of the Syilx, Secwepemc, Sinixt and Ktunaxa Peoples as well as the Metis Peoples whose footsteps have also marked these lands.

3. Consideration of the Agenda (additions/deletions)

- 3.a)** The agenda for the open regular Board meeting of April 29, 2021 is presented.

Recommendation: Corporate Vote Unweighted

That the agenda for the April 29, 2021 open regular Board meeting be adopted.

4. Draft Minutes

- 4.a)** The draft minutes of the April 14, 2021 open regular Board meeting are presented.

[DRAFT Board of Directors - 14 Apr 2021 - BOD Apr 29 21](#)

Recommendation: Corporate Vote Unweighted

That the minutes of the Regional District of Kootenay Boundary Board of Directors' open regular meeting of April 14, 2021 be adopted.

5. Consent Agenda

The items appearing on the Consent Agenda which may present a conflict of interest for Directors and or items which the Board wishes to discuss, must be removed from the Consent Agenda and considered separately.

5.a) Consent Agenda Highlights

- Receipt of Item 9-Communications (Information Only)
- Receipt of Items 10:
 - 10.a)-Monthly Cheque Register - none
 - 10.b)-RDKB Committee Minutes
 - 10.c)-Recreation Commission Minutes
 - Grand Forks & District Recreation Commission - March 11, 2021
 - 10.d)-Draft Advisory Planning Commission (APC) Minutes
 - Area C/Christina Lake - April 6, 2021
 - Area D/Rural Grand Forks - April 6, 2021
 - Area E/West Boundary - April 5, 2021
 - Area E/West Boundary (Big White) - April 6, 2021
- Receipt of Item 11-Board Appointment Updates.

Recommendation: Corporate Vote Unweighted

That Consent Agenda items 9, 10 and 11 be received by general consent of the Board.

6. Presentations at the Request of the Board

6.a) Rural Development Institute

Re: Rural Market Housing & Disaster Recovery Housing

Spokespeople: Tara Howse, Research Assistant

***Sarah Breen, BC Regional Innovation Chair in
Rural Economic Development at Selkirk
College***

The letter dated April 28, 2021 from the Applied Research and Innovation Centre at Selkirk College introducing the new Regional Innovation Chair, is presented.

[RDKB RIC Intro April28](#)

Recommendation: Corporate Vote Unweighted

That the letter dated April 28, 2021 from the Applied Research and Innovation Centre introducing the new BC Regional Innovation Chair in Rural Economic Development, be received.

6.b) Audited Financial Statements

C. Gillis, Financial Services Manager

D. Catalano, Auditor, Grant Thornton

J. Silva, Grant Thornton

i. Financial Statements

The Financial Statements of the Regional District of Kootenay Boundary for the year ended December 31, 2020 are presented: Carolyn Gillis, Financial Services Manager.

ii. Auditor's Report

The Independent Auditor's Report dated April 29, 2021 from Grant Thornton, is presented.

[RDKB - Audit report 2020 DRAFT BoD Apr 29 21](#)

[RDKB YE 2020 - Draft Financial Statements BoD Apr 29 21](#)

Recommendation: Corporate Vote Unweighted

The Financial Statements of the Regional District of Kootenay Boundary for the year ended December 31, 2020 are approved.

Recommendation: Corporate Vote Unweighted

That the Independent Auditor's Report dated April 29, 2021 from Grant Thornton, be received.

6.c) Proceed to Closed Meeting

i. Meeting Closed to the Public

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 subsection:

(1)(n) the consideration of whether a council meeting should be closed under a provision of this subsection or subsection (2);

Recommendation: Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors proceed to a closed meeting pursuant to Section 90(1)(2) and Section 91(2)(a)(i) of the *Community Charter*.

7. Delegations

None.

8. Applicants & Persons Attending to Speak to Agenda Items

None.

9. Communications (Information Only) - Consent Agenda

9.a) Support for Laid-off Hotel and Tourism Industry Workers

The letter dated March 31, 2021 from Mayor Lisa Helps, City of Victoria, to Hon. Harry Bains, Minister of Labour, advising of the City's support for laid-off hospitality workers, is presented.

[Support for Laid-off Hotel and Tourism Industry Workers Victoria BoD Apr 29 21](#)

9.b) Provincial Response to 2020 UBCM Resolution

The letter dated April 15, 2021 from Brian Fenkel, UBCM President, advising of the Province's response to the resolution the RDKB submitted to the 2020 UBCM Convention, is presented.

[UBCM Resolutions 2020 BoD Apr 29 21](#)

10. Reports - Consent Agenda

10.a) Monthly Cheque Register Summary - none

10.b) RDKB Committee Minutes

Minutes of RDKB Committee Meetings as adopted by the respective Committees are presented.

[Minutes -11 Mar 2021 - Electoral Area Services Apr 29 21](#)

[Minutes - 16 Mar 2021 - BVRec - BOD - Apr 29 21 Pdf](#)

[Minutes - 16 Mar 2021 - EES - BOD - Apr 29 21Pdf](#)

[Minutes - 23 Mar 2021 - EducationAdvocacy - Apr 29 21](#)

10.c) Recreation Commission Minutes

[Grand Forks District Recreation Commission - March 11 BOD Apr 29 21](#)

10.d) Draft Advisory Planning Commission (APC) Minutes

[APC Minutes-Area D-Board-April 29 2021](#)

[APC Minutes-Area E-Board-April 29 2021](#)

[APC Minutes-Big White-Board-April 29 2021](#)

[APC Minutes-Area C-Board-April 29 2021](#)

11. Board Appointments Updates-Consent Agenda (to be presented at May 12 meeting)

- 11.a)**
- Economic Trust of the Southern Interior (ETSI-BC) - Director McGregor
 - B.C. Rural Centre/Southern Interior Beetle Action Coalition (S.I.B.A.C.) - Director McGregor
 - Okanagan Film Commission - Director Gee
 - Boundary Weed Stakeholders Committee -Director Gee
 - Columbia River Treaty Local Government Committee (CRT LGC) - Directors Worley & Langman
 - Columbia Basin Regional Advisory Committee (CBRAC) - Director Worley & Goran Denkovski, Manager of Infrastructure & Sustainability
 - West Kootenay Regional Transit Committee - Directors Cacchioni & Worley, Alternate Director Parkinson
 - Rural Development Institute (RDI) - Director Worley
 - Chair's Update - Chair Langman

12. Items Removed from the Consent Agenda for Consideration

Discussion of items brought forward from the Consent Agenda Item 5.

13. Unfinished Business

13.a) COVID-19 Verbal Updates

i.)COVID-19 Pandemic Emergency Operations

M. Stephens, Manager of Emergency Programs

ii.) Impacts of the RDKB Wage Continuation COVID-19 Pandemic Policy

M. Andison, CAO

13.b) Interior Health's Expanded Substance Use Treatment Program

Director Morissette

**13.c) Organics Diversion Expansion Project - Grand Forks
J. McDougall, General Manager of Environmental Services**

The report dated April 29, 2021 from Janine McDougall, General Manager of Environmental Services, regarding the results from the procurement process for the construction and installation of supplied materials associated with the Organics Diversion Expansion Project – Grand Forks, is presented.

[RDKB - Recommendation Letter BoD Apr 29 21](#)
[Staff Report - Organics Expansion Project Grand Forks - Gen Construct Works Contract Award - BoD Apr 29 21](#)

Recommendation: Corporate Vote Weighted

That the RDKB Board of Directors award the Contract associated with the Grand Forks Organics Facility and General Works to Marwest Industries Ltd. at a contract value of \$1,861,302.00 (excluding GST); **Further**, that the RDKB Board of Directors authorize staff to sign and execute a Contract; **AND Further**, that the RDKB Board of Directors authorize staff to spend up to 10% of the contract value (\$186,130) in contingency to manage unforeseen costs encountered during construction.

14. Communications - RDKB Corporate Communications Officer

14.a) The report dated April 22, 2021 from F. Maika, Corporate Communications Officer, is presented.

[StaffReport2021TownHalls BoD Apr 29 21](#)

Recommendation: Corporate Vote Unweighted

That the report dated April 22, 2021 from Frances Maika, Corporate Communications Officer, be received.

15. Committee Recommendations to Board of Directors

Recommendations to the Board of Directors referred by the respective RDKB Committees are presented for consideration.

15.a) Education and Advocacy Committee - April 22, 2021

Re: Resolution for 2021 UBCM Convention - Use of High Efficiency Appliances Incentives

Director Grieve, Committee Chair/Director Morel, Committee Vice Chair

The following resolution was discussed at the Education and Advocacy Committee meeting held on April 22, 2021:

Whereas several Kootenay Boundary communities have committed to a transition to 100 percent renewable energy by 2050;

And whereas electricity generated in BC is considered a renewable energy source and carbon free while natural gas not;

And whereas the incentives available from suppliers for carbon intensive energy sources e.g. natural gas in the province are greater than those available for carbon free sources:

Therefore, be it resolved that UBCM urge the Government of BC to require all energy suppliers in the province, including Fortis BC, and the Province to increase the carbon free energy incentives available to all residents to support the use of high efficiency carbon free energy appliances and heating systems to the point where those incentives are at a minimum equalized to those currently provided by carbon intensive energy suppliers.

Recommendation: Corporate Vote Unweighted

That the Board direct staff to submit the following resolution to UBCM for consideration and debate at its 2021 Convention:

Whereas several Kootenay Boundary communities have committed to a transition to 100 percent renewable energy by

2050 and electricity generated in BC is considered a renewable energy source and carbon-free while natural gas is not;

And whereas the incentives available from suppliers for carbon-intensive energy sources (e.g. natural gas) in the province are greater than those available for carbon-free sources;

Therefore, be it resolved that UBCM urge the Government of BC to require all energy suppliers in the province, including Fortis BC and the Province of British Columbia to increase the carbon-free energy incentives available to all residents to support the use of high-efficiency carbon-free energy appliances and heating systems to the point where those incentives are at a minimum equalized to those currently provided by carbon-intensive energy suppliers.

16. New Business

16.a) Meat Production Modernization

An email, a report and a factsheet on the modernization of rural meat production in BC was received at the April 14, 2021 Board meeting.

[Meat Production Modernization – Update and Consultation Opportunity](#)

Recommendation: Corporate Vote Unweighted

That staff be directed to book an online meeting with the BC Ministry of Agriculture, Food and Fisheries to provide input on the proposed amendments to the Meat Inspection Regulation.

16.b) Appointments to Boundary Community Ventures Association

Recommendation: Corporate Vote Unweighted

That the following Directors be appointed to serve on the Boundary Community Ventures Association:

- Director Grace McGregor, Area C/Christina Lake
- Director Vicki Gee, Area E/West Boundary.

Recommendation: Corporate Vote Unweighted

That the following staff be appointed to serve on the Boundary Community Ventures Association in a non-voting, liaison capacity:

- James Chandler, General Manager of Operations/Deputy CAO.

16.c) Electric Vehicle Infrastructure Rebate Pledge

F. Phillips, Senior Energy Specialist

Director Morel, Environmental Services Liaison

A staff report dated April 29, 2021 from Freya Phillips, Senior Energy Specialist, regarding the RDKB electric vehicle infrastructure rebate pledge is presented.

[Staff Report - EV Infrastructure Rebate Pledge - Board - April 29 2021 - Pdf](#)

[2021.04.16 Vehicle Replacement Projections](#)

Recommendation: Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors pledge to commit that at least 10% of all new light duty fleet vehicles procured by 2025 will be zero emissions vehicles (ZEV) and that the District will annually revisit the pledge to consider a higher ZEV procurement goal.

16.d) Agricultural Land Commission Referral (Transport, Utility & Recreation) - Uphill

Electoral Area E/West Boundary

D. Patterson, Planner

The report dated April 29, 2021 from Danielle Patterson, Planner, providing information on a Transport, Utility, & Recreation referral from the Agricultural Land Commission (ALC) for property located in the Agricultural Land Reserve (ALR) in Electoral Area E/West Boundary, northeast of Rock Creek, has been received.

[Staff Report Uphill ALR Board-April 29 2021](#)

Recommendation: Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors direct staff to forward, without a recommendation, the application to the Agricultural Land Commission a Transport, Utility, & Recreation proposal for a road dedication, submitted by McLeod & Schneiderat, Lawyers, on behalf of Allan Uphill and Evelyn Uphill for the parcel legally described as Plan KAP1186, Sublot 11, District Lot 2704, Similkameen Division of Yale Land District, Portion south 1/2, Except Plan 23484, located in Electoral Area 'E'/West Boundary.

**16.e) Forestry Referral: BC Timber Sales Operating Plan 16
Electoral Areas C, D and E
D. Patterson, Planner**

The report dated April 29, 2021 from Danielle Patterson, Planner, presenting a referral from BC Timber Sales on its logging plans in Electoral Areas C, D and E, is presented.

[Staff Report BCTS OpPlan16 Board-April 29, 2021](#)

Recommendation: Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors direct staff to forward the staff report "Forestry Referral: BC Timber Sales (BCTS) Operating Plan 16," dated April 29, 2021, which includes comments from the Electoral Area C/Christina Lake, Electoral Area D/Rural Grand Forks, and Electoral Area E/West Boundary Advisory Planning Commissions and staff to British Columbia Timber Sales for consideration.

**16.f) Development Variance Permit - Peterson
Electoral Area C/Christina Lake
D. Patterson, Planner**

The report dated April 15, 2021 regarding a Development Variance Permit application to reduce increase the height of an accessory building from 4.6 m to 5.1 m, for a property located at Christina Lake, is presented.

[2021-04-15 Peterson DVP EAS Bod Apr 29 21](#)

16.g) Gas Tax Applications

G. Denkovski, Manager of Infrastructure and Sustainability

i. Rock Creek & Boundary Fair Association: campground infrastructure development (\$33,999.25)

ii. Beaver Valley Golf and Recreation Society: storage shed & surveillance system (\$5,000)

iii. Black Jack Cross Country Ski Club Society: biathlon cross country ski area upgrade (\$10,000)

iv. Regional District of Kootenay Boundary: develop the Nine Mile Creek drought management plan (\$12,564.35)

v. Regional District of Kootenay Boundary (GTCC): Bailey Theatre rigging & upgrade project (\$64,000)

[Rock Creek and Boundary Fair Gas Tax App April2021](#)

[Beaver Valley Golf and Rec Gas Tax App April2021](#)

[Black Jack Ski Society Gas Tax App April2021](#)

[RDKB Drought Management Gas Tax April2021](#)

[RDKB The Baily Theater Gas Tax App MAR2021](#)

Recommendation: Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors approve the Gas Tax application submitted by the Rock Creek and Boundary Fair Association and the allocation of \$33,999.25 from Electoral Area E for costs associated with the campground infrastructure development; FURTHER, that the Board approves the RDKB authorized signatories to sign the agreement.

Recommendation: Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors approve the Gas Tax application submitted by the Beaver Valley Golf and Recreation Society and the allocation of \$5,000 from Electoral Area A for costs associated with the construction of a storage shed and installation of a surveillance system; FURTHER, that the Board approves the RDKB authorized signatories to sign the agreement.

Recommendation: Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors approve the Gas Tax application submitted by the Black Jack Cross Country Ski Club Society and the allocation of \$10,000 from Electoral Area B for costs associated with a biathlon cross country ski area upgrade; FURTHER, that the Board approves the RDKB authorized signatories to sign the agreement.

Recommendation: Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors approve the Gas Tax application submitted by the Regional District of Kootenay Boundary and the allocation of \$12,564.35 from Electoral Area E for costs associated with developing the Nine Mile Creek Drought Management Plan.

Recommendation: Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors approve the Gas Tax application submitted by the Regional District of Kootenay Boundary and the allocation from \$32,000 from Electoral Area A and \$32,000 for Area B for costs associated with the Bailey Theatre Rigging and Upgrade project.

16.h) Recreation Grant - Electoral Area B/Lower Columbia-Old Glory

Friends of the Rossland Range Society

Director Worley

An application for an Electoral Area B/Lower Columbia-Old Glory Recreation Grant in the amount of \$30,000 from the Friends of the Rossland Range Society for trail work, was presented.

[Area B Recreation Grant-Board-2021-04-29](#)

Recommendation: Corporate Vote (Single Participant Service) Weighted

That the application for an Electoral Area B/Lower Columbia-Old Glory Recreation Grant in the amount of \$30,000 from the Friends of the Rossland Range Society for an accessible trail extension in the Rossland Range Rec Site at Strawberry Pass, and planning for a loop trail through Old Growth forest, be approved.

16.i) Change to Grant-in-Aid

Director Grieve

Recommendation: Stakeholder (Electoral Area Participants Only) Weighted Vote

That Board Resolution 197-21, being the approval of grants-in-aid, be AMENDED to change the allocation to PAC Fruitvale Elementary for Garibaldi Polished Stone and Concrete Benches from \$10,000 to \$5,000.

16.j) Grants in Aid - as of April 22, 2021:

[Grants in Aid-Board-2021-04-29](#)

Recommendation: Stakeholder Vote (Electoral Area Directors) Weighted

That the following grants-in-aid be approved:

- Selkirk Mountain Music Society – Mobile Musical Stage – Electoral Area A - \$5,000
- Village of Fruitvale – Public Art for the FMC Rain Garden – Electoral Area A - \$6,000
- Kettle River Museum – Summer Position at Kettle River Museum – Electoral Area E/West Boundary - \$1,000
- Red Earth Medicine: Foundation of Indigenous Ways of Knowing – Start Up Costs – Electoral Area E/West Boundary - \$3,000
- Trails to the Boundary – Heritage Consulting at Historic School House – Electoral Area E/West Boundary - \$6,000

17. Bylaws

18. Late (Emergent) Items

19. Discussion of Items for Future Meetings

20. Question Period for Public and Media

21. Closed Meeting

22. Adjournment



Board of Directors

MINUTES

Wednesday, April 14, 2021

1:00 p.m.

Via ZOOM

Quorum was maintained throughout the meeting.

Board Members Present:

Director D. Langman, Chair	Village of Warfield
Director G. McGregor, Vice-Chair	Area C/Christina Lake
Director A. Grieve	Area A
Director L. Worley	Area B/Lower Columbia-Old Glory
Director D. O'Donnell	Area D/Rural Grand Forks
Director V. Gee	Area E/West Boundary
Director S. Morissette	Village of Fruitvale
Director M. Walsh	Village of Montrose
Director R. Cacchioni	City of Trail
Director A. Morel	City of Rossland
Director C. Korolek	City of Grand Forks
Director B. Noll	City of Greenwood
Director R. Dunsdon	Village of Midway

Staff Present:

M. Andison, Chief Administrative Officer
 A. Winje, Manager of Corporate Administration/Corporate Officer/Recording Secretary
 J. Chandler, General Manager of Operations/Deputy CAO
 B. Ihlen, General Manager of Finance/CFO
 C. Gillis, Financial Services Manager
 J. McDougall, General Manager of Environmental Services
 D. Dean, Manager of Planning and Development
 D. Derby, Regional Fire Chief
 M. Stephens, Manager of Emergency Programs
 G. Denkovski, Manager of Infrastructure and Sustainability
 F. Maika, Corporate Communications Officer

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1. Call to Order

Chair Langman called the meeting to order at 1:00 p.m.

2. Land Acknowledgement

We acknowledge and appreciate that the land on which we gather is the converging, traditional and unceded territory of the Syilx, Secwepemc, Sinixt and Ktunaxa Peoples, as well as the Metis Peoples, whose footsteps have also marked these lands.

3. Consideration of the Agenda (additions/deletions)

The agenda for the Regional District of Kootenay Boundary Board of Directors' meeting of April 14, 2021 was presented.

Moved / seconded:

- 206-21** That the agenda for the Regional District of Kootenay Boundary Board of Directors' meeting of April 14, 2021 be adopted as presented.

Carried.

4. Minutes

The draft minutes of the March 31, 2021 open Board meeting were presented.

Moved / seconded:

- 207-21** That the Regional District of Kootenay Boundary Board of Directors adopt the minutes of the open regular Board meeting of March 31, 2021.

Carried.

5. Consent Agenda**a) Consent Agenda Highlights**

Moved / seconded:

- 208-21** That the email, report and factsheet from the BC Government on the modernization of meat production be removed from the Consent Agenda for discussion.

Carried.

Consent Agenda Highlights

- Receipt of Items 10
 - 10.a)-Monthly Cheque Register
 - 10.b)-RDKB Committee Minutes
 - Beaver Valley Regional Parks and Regional Trails Committee - Feb. 16/21
 - Boundary Services Committee - March 3, 2021
- Receipt of Item 11-Board Appointment Updates.

Moved / seconded:

- 209-21** That Consent Agenda items 10 and 11 be received by general consent of the Board.

Carried.

6. Presentations at the Request of the Board

None.

7. Delegations

None.

8. Applicants & Persons Attending to Speak to Agenda Items

None.

9. Communications (Information Only) - Consent Agenda

This item was removed from the Consent Agenda. See item 12 below.

10. Reports - Consent Agenda

a) Monthly Cheque Register Summary – March 2021

b) RDKB Committee Minutes

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Minutes of RDKB Committee Meetings as adopted by the respective Committees were presented.

11. Board Appointments Updates-Consent Agenda

Reports from the following appointees were provided:

- Southern Interior Development Initiative Trust (S.I.D.I.T.)-Director McGregor SIDIT is now called ETSI BC (Economic Trust of the Southern Interior)
- BC Rural Centre/Southern Interior Beetle Action Coalition (S.I.B.A.C.)-Director McGregor
- Okanagan Film Commission-Director Gee
- Boundary Weed Stakeholders Committee-Director Gee
- Columbia River Treaty Local Government Committee (CRT LGC)- Directors Worley & Langman
- Columbia Basin Regional Advisory Committee (CBRAC)-Director Worley & Goran Denkovski, Manager of Infrastructure & Sustainability
- West Kootenay Regional Transit Committee (Directors Cacchioni & Worley, Alternate Director Parkinson)
- Rural Development Institute (RDI)-Director Worley
- Chair's Update-Chair Langman

12. Items Removed from the Consent Agenda for Consideration

Discussion of item brought forward from the Consent Agenda Item 5.

The email, report and factsheet from the BC Government on the modernization of meat production was received and discussed.

13. Unfinished Business

a) COVID-19 Verbal Updates

i.) COVID-19 Pandemic Emergency Operations

Manager Stephens reported that there has been an uptick in the number of COVID cases in BC over the past few weeks. The seven-day test positive is 7.46% (i.e. over seven percent of all persons tested for COVID tested positive). The province is seeing 94 new cases per day, which is a daily increase of 40 cases since the end of March. BC has delivered over 1 million doses of the vaccine to date. Hospitalizations are down for those residents over 80 years old. Approximately 34,000 vaccinations per day are being delivered in BC.

ii.) Impacts of the RDKB Wage Continuation COVID-19 Pandemic Policy

CAO Anderson reported that the RDKB has had its lowest cost to date for quarantining. The cost is being funded by the COVID Safe Restart Grant.

Moved / seconded:

- 210-21** That the verbal updates regarding the RDKB COVID-19 Pandemic Emergency Operations (EOC) and the RDKB Wage Continuation COVID-19 Pandemic Policy be received as presented to the RDKB Board of Directors on April 14, 2021.

Carried.

b) Nominations for Appointment to AKBLG

Moved / seconded:

- 211-21** That the communication from the Association of Kootenay Boundary Local Governments calling for nominations for the 2021 Annual General Meeting be received for information.

Carried.

**c) AKBLG Resolution - COVID Safe Restart Grant
M. Anderson, CAO**

CAO Anderson reported that the AKBLG asked if the RDKB still wants its resolution regarding the COVID Safe Restart Grant Program to go forward to the AKBLG convention given that the BC Government has made additional funds available. Discussion ensued and the following recommendation was made.

Moved / seconded:

- 212-21** That staff be directed to inform the Association of Kootenay Boundary Local Governments that the following resolution not be put forward to the upcoming AKBLG convention:

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Whereas the Provincial COVID Safe Restart Grant Program for Local Governments placed a funding emphasis on municipalities over regional districts, because municipalities were required by the Province to fully remit their 2020 requisitions to regional districts, resulting in the vast majority of the \$425 million grant funds being allocated to municipalities;

And whereas, regional district services operate completely separately from municipal services and are reliant on revenue beyond those received through municipal requisitions;

Therefore be it resolved that the Government of BC establish a more equitable formula for determining the distribution of future grants between municipalities and regional districts.

Carried.

14. Communications-RDKB Corporate Communications Officer

The Communications Officer will present a report to the Board at its April 29th meeting.

15. Committee Recommendations to Board of Directors

Recommendations to the Board of Directors referred by the respective RDKB Committees were presented for consideration.

a) Boundary Services Committee - March 3, 2021

Moved / seconded:

- 213-21** That the minutes of the Boundary Services Committee held March 3, 2021 be received for information.

Carried.

b) Boundary Services Committee - April 7, 2021

Moved / seconded:

- 214-21** That the Regional District of Kootenay Boundary Board of Directors approve the award of the contract for the provision of Economic

Development Services for the City of Grand Forks/Electoral Area D-Rural Grand Forks as proposed by Community Futures Boundary for the term June 1st 2021 to May 31st 2022 for a total cost of \$70,150 as presented to the Boundary Services Committee at the meeting on April 7th 2021; FURTHER, that RDKB staff be authorized to execute the contract.

Carried.

Moved / seconded:

- 215-21** That staff be directed to release \$40,000 to Boundary Community Ventures Society for the purchase, moving and set up of the mobile kitchen trailer in Greenwood.

Carried.

c) Policy & Personnel Committee - March 31, 2021

i. Board Delegation/Presentation Policy

Moved / seconded:

- 216-21** That the Regional District of Kootenay Boundary Board of Directors adopt the Board Delegation/Presentation Policy as presented to, and approved by the Policy and Personnel Committee on March 31, 2021; **FURTHER**, that the Policy be distributed accordingly.

Carried.

d) Policy & Personnel Committee - March 31, 2021

i. Correspondence Policy

Moved / seconded:

- 217-21** That the Regional District of Kootenay Boundary Board of Directors adopt the Correspondence Policy as presented to, and approved by the Policy and Personnel Committee on March 31, 2021; **FURTHER**, that the Policy be distributed accordingly.

Carried.

16. New Business**CONFLICT OF INTEREST DECLARATION**

At 1:32 p.m., Chair Langman declared a conflict of interest regarding the next item of business on the agenda on the basis that she had helped to prepare a grant application for one of the funded organizations.

DIRECTOR LEFT MEETING: Chair Langman left the meeting at 1:32 p.m.

a) Columbia Basin Trust Community Initiatives Program Allocations
C. Gillis, Financial Services Manager

A staff report dated April 14, 2021 from Carolyn Gillis, Financial Services Manager, regarding the CBT Community Initiatives Program, was presented.

Moved / seconded:

- 218-21** That the Regional District of Kootenay Boundary Board of Directors approve the disbursement of the Columbia Basin Trust's Community Initiatives Program funds as presented in the April 14, 2021 staff report from C. Gillis, Financial Services Manager.

Carried.

DIRECTOR REJOINED MEETING: Chair Langman rejoined the meeting at 1:33 p.m.

b) Grants in Aid

Moved / seconded:

- 219-21** That the following grants-in-aid be approved:

- Camp Koolaree Society – Camp Building Upgrades – Electoral Area A - \$1,000
- Camp Koolaree Society – Camp Building Upgrades – Electoral Area B/Lower Columbia-Old Glory - \$1,000
- Big White Community Development Association – Bookkeeper and Third Party Audit – Electoral Area E/West Boundary - \$2,500

- Big White Community Development Association – Insurance Costs – Electoral Area E/West Boundary - \$5,032

Carried.

c) **COVID-19 Safe Restart Grant, Accounting Treatment**
C. Gillis, Financial Services Manager

A staff report from Carolyn Gillis, Financial Services Manager, to provide information on the accounting treatment of the COVID Safe Restart Grant as received from the Province of British Columbia, in advance of a discussion with the Regional District's auditor, was presented.

Moved / seconded:

- 220-21** That the Board defer revenue recognition of the COVID Safe Restart Grant in 2020.

Carried.

17. Bylaws

a) **Public Hearing Minutes**
Re: Bylaw 1748: "Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1748, 2021"
Electoral Area D/Rural Grand Forks

The minutes of the Public Hearing of Zoning Amendment Bylaw No. 1748 to amend the Electoral Area D/Rural Grand Forks Zoning Bylaw No. 1675, held on March 12, 2021, were presented.

Moved / seconded:

- 221-12** That the minutes of the Public Hearing for "Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1748, 2021" held on March 12, 2021, be received.

Carried.

b) Bylaw 1748: "Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1748, 2021"
Electoral Area D/Rural Grand Forks

Moved / seconded:

- 222-21** That "Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1748, 2021" be read a THIRD time.

Carried.

Moved / seconded:

- 223-21** That "Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1748, 2021" be ADOPTED; **Further**, that the Chair and the Corporate Officer be authorized to sign the bylaw.

Carried.

18. Late (Emergent) Items

- a. Contribution Agreement - RDKB & Boundary Community Ventures Assn.**
B. Ihlen, General Manager of Finance/CFO

Moved / seconded:

- 224-21** That the Board direct the Chair and the Corporate Officer to sign the contribution agreement between the Regional District of Kootenay Boundary and Boundary Community Ventures Association for the Kootenay Boundary Full-Scale Food Processing and Innovation Hub project for a term from January 1st, 2021 to March 31, 2023.

Carried.

19. Discussion of Items for Future Meetings

Director Morissette requested that the following item be added to the April 29, 2021 Board agenda:

Interior Health's expanded substance use treatment program.

20. Question Period for Public and Media

No questions were asked.

21. Closed Meeting

Meeting Closed to the Public

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:

- (e) the acquisition, disposition or expropriation of land or improvements, if the council considers that disclosure could reasonably be expected to harm the interests of the municipality;
- (n) the consideration of whether a council meeting should be closed under a provision of this subsection or subsection (2);

Moved / seconded:

- 225-21** That the Regional District of Kootenay Boundary Board of Directors proceed to a closed meeting pursuant to Sections 90(e) and (n) of the *Community Charter*.

Carried.

RECESS The open meeting recessed at 1:43 p.m. to conduct the Closed meeting.

RECONVENE The open meeting reconvened at 2:01 p.m.

22. Adjournment

Moved / seconded:

- 226-21** That the open regular Board meeting adjourn at 2:01 p.m.

Carried.

APPLIED & INNOVATION RESEARCH CENTRE Selkirk College

April 28, 2021

Board of Directors - Regional District of Kootenay Boundary
202-843 Rossland Ave.
Trail, BC
V1R 4S8

Subject: Introduction to new Regional Innovation Chair

My name is Sarah-Patricia Breen and I am the new [BC Regional Innovation Chair in Rural Economic Development](#) (RIC) at Selkirk College. Many of you will be familiar with the RIC position, established in 2006 to develop regional capacity, diversify the economy, and create and maintain provincial and national support networks. I am very excited to be in this role and hope that I can be a valuable resource for the RDKB. I am happy to be contacted with information and data requests. Even if I don't have the answers I will work to connect you with someone who does. I am also happy to discuss how I can support RDKB projects.

Currently in the RDKB, I am working as part of the Rural Development Institute team on projects related to housing, as well as investigating new technologies in the mining sector, and new approaches to supporting and enabling innovation.

I come to the RIC position with a broad range experience in public policy, project management, and research. In addition to my role as the RIC, I am also an Adjunct Professor in the School of Environment and Sustainability at the University of Saskatchewan and a Past President of the Canadian Rural Revitalization Foundation.

My research explores what rural economic development looks like under conditions of rapid change and uncertainty, focusing on human capacity, technology and innovation, and infrastructure and services. I currently have projects related to connectivity (broadband), digital skills, local delivery of economic development services, community resilience, place-based policy, and access to data. You can find more about my research at <http://www.cbrdi.ca/RIC/Current Research>. In a rapidly changing world, I aim to ensure that rural British Columbia is included in research and is equipped with the knowledge to flourish into the future.

I am happy to connect with you and look forward to future conversations. Have a great day!



Sarah-Patricia Breen, PhD
Regional Innovation Chair in Rural Economic Development
Applied Research & Innovation
Selkirk College, West Kootenay & Boundary Region
1-888-953-1133, ext. 21546 | sbreen@selkirk.ca

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Independent Auditor's Report

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To the Board of Directors of the
Regional District of Kootenay Boundary

Opinion

We have audited the financial statements of the Regional District of Kootenay Boundary ("the Regional District"), which comprise the statement of financial position as at December 31, 2020, and the statements of operations and accumulated surplus, change in net assets and cash flow for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Regional District of Kootenay Boundary as at December 31, 2020, and its results of operations, its changes in its net assets, and its cash flows for the year then ended in accordance with Canadian public sector accounting standards.

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the Regional District in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian public sector accounting standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Regional District's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Regional District or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Regional District's financial reporting process.

Independent Auditor's Report (continued)

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Regional District's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Regional District's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Regional District to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Trail, Canada
April 29, 2021

Chartered Professional Accountants

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FINANCIAL STATEMENTS
December 31, 2020

Draft for Board Approval

Draft for Board Approval

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

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Draft for Board Approval

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

MANAGEMENT'S RESPONSIBILITY

For the year ended December 31, 2020

To the Board of Directors of Regional District of Kootenay Boundary,

Management is responsible for the preparation and presentation of the accompanying financial statements, including responsibility for significant accounting judgments and estimates in accordance with Canadian public sector accounting standards and ensuring that all information in the annual report is consistent with the statements. This responsibility includes selecting appropriate accounting principles and methods, and making decisions affecting the measurement of transactions in which objective judgment is required.

In discharging its responsibilities for the integrity and fairness of the financial statements, management designs and maintains the necessary accounting systems and related internal controls to provide reasonable assurance that transactions are authorized, assets are safeguarded and financial records are properly maintained to provide reliable information for the preparation of financial statements.

The Board of Directors is composed entirely of individuals who are neither management nor employees of the Regional District. The Board of Directors is responsible for overseeing management in the performance of its financial reporting responsibilities, and for approving the financial information included in the annual report. The Board of Directors fulfill these responsibilities by reviewing the financial information prepared by management and discussing relevant matters with management and external auditors. The Board of Directors is also responsible for appointing the Regional District's external auditors.

Grant Thornton LLP, an independent firm of Chartered Professional Accountants, is appointed by the Board of Directors to audit the financial statements and report directly to them; their report follows. The external auditors have full and free access to, and meet periodically with, both the Board of Directors and management to discuss their audit findings.

Mark Andison
Chief Administrative Officer

Barb Ihlen, MBA, CPA, CGA
General Manager of Finance, CFO

April 29, 2021
Trail, British Columbia

Draft for Board Approval

[Audit Report Pending]

Draft for Board Approval

Draft for Board Approval

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL POSITION

As at December 31, 2020

	2020	2019
FINANCIAL ASSETS		
Cash and cash equivalents	\$ 15,414,492	\$ 2,291,950
Short term investments (Note 2)	15,675,020	23,920,905
Accounts receivable (Note 3)	2,008,803	2,393,822
Municipal Finance Authority debt reserve fund (Note 4)	1,978,123	1,934,961
Debenture debt receivable from municipalities (Note 5)	30,588,810	32,222,763
	<u>\$ 65,665,248</u>	<u>\$ 62,764,401</u>
FINANCIAL LIABILITIES		
Accounts payable	\$ 2,740,237	\$ 1,962,131
Payables to other governments	575,024	950,214
Municipal Finance Authority debt reserve fund (Note 4)	1,978,123	1,934,961
Debenture debt (Note 5) (Schedule 1)	40,124,436	41,600,260
Temporary borrowing (Note 6) (Schedule 2)	2,217,353	2,321,949
Other long term debt (Note 7)	21,598	46,439
Deferred revenue (Note 8)	5,253,936	3,799,401
Landfill closure and post-closure (Note 9)	5,478,701	5,238,074
Employee benefits (Note 10)	240,600	212,800
	<u>\$ 58,630,008</u>	<u>\$ 58,066,229</u>
NET ASSETS	<u>\$ 7,035,240</u>	<u>\$ 4,698,172</u>
NON-FINANCIAL ASSETS		
Tangible capital assets (Schedule 3)	\$ 53,371,735	\$ 52,705,017
Inventory	2,974	2,596
Prepaid expenses	273,580	222,637
	<u>\$ 53,648,289</u>	<u>\$ 52,930,250</u>
ACCUMULATED SURPLUS (Note 11)	<u>\$ 60,683,529</u>	<u>\$ 57,628,422</u>

General Manager of Finance/CFO

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF OPERATIONS AND ACCUMULATED SURPLUS

For the year ended December 31, 2020

	Budget	2020	2019
REVENUE			
Grants in lieu of taxes	\$ 1,842,497	\$ 1,953,349	1,855,909
Services provided to other governments	336,028	264,812	340,339
Sale of services	4,859,634	4,446,644	5,026,038
Gain (loss) on disposal	-	9,796	(60,905)
Other revenue	3,606,090	2,372,184	1,956,736
Transfers from:			
Electoral area tax levy	12,463,229	12,172,020	11,448,545
Member municipalities	9,822,195	10,114,302	9,682,405
Other governments	2,582,722	1,218,753	2,257,083
	<u>\$ 35,512,395</u>	<u>\$ 32,551,860</u>	<u>\$ 32,506,150</u>
EXPENSES			
General government services	\$ 3,985,086	\$ 3,273,209	\$ 3,277,317
Protective services	8,304,464	8,820,086	9,163,852
Transportation services	1,892,256	1,226,959	1,650,305
Environmental health services	8,115,681	8,460,688	8,537,742
Development services	2,000,485	1,774,471	1,361,699
Recreational and cultural services	6,607,950	5,941,340	6,190,959
	<u>\$ 30,905,922</u>	<u>\$ 29,496,753</u>	<u>\$ 30,181,874</u>
Annual surplus (Note 12)	<u>\$ 4,606,473</u>	<u>\$ 3,055,107</u>	<u>\$ 2,324,276</u>
Accumulated surplus, beginning of year	<u>57,628,423</u>	<u>57,628,422</u>	<u>55,304,146</u>
Accumulated surplus, end of year	<u>\$ 53,021,950</u>	<u>\$ 60,683,529</u>	<u>\$ 57,628,422</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF CHANGES IN NET ASSETS

For the year ended December 31, 2020

	Budget	2020	2019
Annual surplus (Note 12)	<u>\$ 4,606,473</u>	<u>\$ 3,055,107</u>	<u>\$ 2,324,276</u>
Acquisitions of tangible capital assets	(8,998,145)	(3,377,715)	(3,831,457)
(Gain) loss on disposal of tangible assets	-	(9,796)	60,905
Proceeds on disposal of tangible capital assets	-	16,000	43,500
Amortization	-	2,704,793	2,663,924
	<u>\$ (8,998,145)</u>	<u>\$ (666,718)</u>	<u>\$ (1,063,128)</u>
Inventory	\$ -	\$ (378)	\$ 7,616
Prepaid expenses	-	(50,943)	(51,112)
	<u>\$ -</u>	<u>\$ (51,321)</u>	<u>\$ (43,496)</u>
Change in net assets	<u>\$ (4,391,672)</u>	<u>\$ 2,337,068</u>	<u>\$ 1,217,652</u>
Net assets, beginning of year	<u>4,698,172</u>	<u>4,698,172</u>	<u>3,480,520</u>
Net assets, end of year	<u>\$ 306,500</u>	<u>\$ 7,035,240</u>	<u>\$ 4,698,172</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF CASH FLOWS

For the year ended December 31, 2020

	2020	2019
OPERATING ACTIVITIES		
Annual surplus	\$ 3,055,107	\$ 2,324,276
Non-cash items:		
Amortization	2,704,793	2,663,924
Gain (loss) on disposal of tangible capital assets	(9,796)	60,905
Actuarial reduction of debt	(105,273)	(167,021)
Landfill closure and post-closure expense	240,627	235,950
Employment benefits	27,800	15,800
Change in financial assets		
Accounts receivable	385,019	1,814,391
Change in non-financial assets		
Inventory	(378)	7,616
Prepaid expenses	(50,943)	(51,112)
Change in financial liabilities		
Accounts payable and payables to other governments	402,916	(41,552)
Deferred revenue	1,454,535	731,216
	<u>\$ 8,104,407</u>	<u>\$ 7,594,393</u>
FINANCING ACTIVITIES		
Principal repayments of debt	\$ (1,104,612)	\$ (1,423,143)
Advances of debt	1,238,577	2,266,641
Change in short-term investments	8,245,885	(2,859,067)
	<u>\$ 8,379,850</u>	<u>\$ (2,015,569)</u>
CAPITAL ACTIVITIES		
Acquisitions of tangible capital assets	\$ (3,377,715)	\$ (3,831,457)
Proceeds on disposal of tangible capital assets	16,000	43,500
	<u>\$ (3,361,715)</u>	<u>\$ (3,787,957)</u>
Increase (decrease) in cash and cash equivalents	\$ 13,122,542	\$ 1,790,867
Cash and cash equivalents, beginning of year	2,291,950	501,083
Cash and cash equivalents, end of year	<u>\$ 15,414,492</u>	<u>\$ 2,291,950</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

NOTES TO THE FINANCIAL STATEMENTS

For the year ended December 31, 2020

The Regional District of Kootenay Boundary ("RDKB", "Regional District") was incorporated in 1966 under the provisions of the British Columbia Municipal Act. Its principal activities are the provision of district-wide local government services to the residents of the eight municipalities and the five unincorporated electoral areas within its boundaries.

1 SIGNIFICANT ACCOUNTING POLICIES

(a) Basis of presentation

The financial statements of the Regional District are prepared in accordance with Canadian generally accepted accounting principles for local government as recommended by the Public Sector Accounting Board ("PSAB") of CPA Canada.

(b) Fund balances

The Regional District of Kootenay Boundary has segregated various funds used for specific activities or to meet certain objectives. The basic funds are briefly described as follows:

- *General Revenue Fund* - This fund is the main fund of the Regional District and is used to reflect the normal operating activities including collection of revenues, administering operations and servicing general debt.
- *Water and Sewer Funds* - The water and sewer system funds have been established as self-liquidating funds to cover the costs of operating these utilities. The capital funds hold the capital assets and long-term debt related to these functions.
- *Transit Fund* - This fund provide for the operation of the conventional and special needs public transit systems.
- *Capital Funds* - These funds are used to reflect capital assets and work-in-progress offset by the related long-term debt and investment in capital assets.
- *Reserve Fund* - This fund has been created to hold assets in the manner of a trust, and to provide monies for specific future capital and operational requirements.

(c) Assets

Assets are recognized when the following criteria are met:

- A future economic benefit exists that involves a capacity, singly or in combination with other assets, to provide goods and services, to provide future cash inflows, or to reduce cash outflows.
- The Regional District controls the economic resource and access to the future economic benefit.
- The transaction giving rise to the Regional District's control has already occurred.

(d) Cash and cash equivalents

Cash and cash equivalents consist of cash, highly liquid money market investments and investments that can be converted to cash within 90 days of inception.

(e) Short term investments

Short term investments are recorded at cost, however when there has been a loss in value that is other than a temporary decline, the investment is written down to recognize the loss.

(f) Inventory

Inventory is recorded at the lower of cost or replacement cost on a first in first out basis.

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

NOTES TO THE FINANCIAL STATEMENTS

For the year ended December 31, 2020

(g) Tangible capital assets

Tangible capital assets are recorded at cost less accumulated amortization. Cost includes all amounts that are directly attributable to acquisition, construction, development or betterment of the asset. The cost, less the residual value, of the tangible capital asset is amortized on a straight-line basis over its estimated useful life as follows:

Type	Estimated useful life
Land	Not amortized
Building	15 - 50 years
Machinery & Equipment	3 - 40 years
Land Improvements	12 - 90 years
Water Infrastructures	5 - 80 years
Sewer Infrastructures	5 - 50 years

Contributed or donated assets are capitalized and recorded at their estimated fair value upon acquisition, with a corresponding entry to revenue in the period received. Work-in-progress are projects that are currently under planning, development, or construction that will result in a tangible capital asset at a future date. These costs are not amortized until the asset is available and ready for productive use. Interest incurred on borrowed funds used during construction is not capitalized.

(h) Revenues

Taxes and grants in lieu of taxes are recognized as revenue in the year they are levied. Services provided to other governments, sales of services, user fees and other revenues are recognized in the year that the related service is provided. Conditional grant revenue is recognized in the year in which the imposed conditions are met. Unconditional grant revenue is recognized in the year when the monies are received. Grants for the acquisition of tangible capital assets are recognized in the period when the expenditure is made.

Government transfers are the transfer of monetary assets or tangible capital assets from other levels of government that are not the result of an exchange transaction, not expected to be repaid in the future, and not expected to generate a financial return to the transferor. Government transfers are recognized as revenue in the period that the transfer is authorized, eligibility criteria, if any, have been met, and a reasonable estimate of the amount to be received can be made.

(i) Use of estimates

The preparation of financial statements in accordance with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period.

Significant items subject to such estimates and assumptions include the valuation of accounts receivable, accrued liabilities, valuation of the landfill closure and post closure costs, liabilities for contaminated sites, and useful lives of tangible capital assets. Actual results could differ from management's best estimates as additional information becomes available in the future.

(j) Contaminated sites

Liabilities for remediation of contaminated sites are recognized when an environmental standard exists, contamination exceeds the standard, the Regional District has responsibility for remediation of the site, future economic benefits will be given up, and a reasonable estimate of the amount can be made.

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

NOTES TO THE FINANCIAL STATEMENTS

For the year ended December 31, 2020

(k) Related parties

Related parties include (i) key management personnel, who are individuals responsible for planning, directing and controlling the activities of the Regional District, (ii) members of the Board of Directors, (iii) close family members of key management personnel and members of the Board of Directors, and (iv) entities that are controlled, subject to common control, and/or subject to significant influence by any of the previously listed parties.

Transactions with a related party that occurred at a value different from that which would have been arrived at if the parties were unrelated are disclosed.

No transactions require disclosure for the year ended December 31, 2020.

2 SHORT TERM INVESTMENTS

	2020	2019
Short term investments	\$ 15,675,020	\$ 23,920,905

Short term investments are comprised of guaranteed income certificates of various dates not exceeding 12 months maturity, and various investment funds held with Municipal Finance Authority of British Columbia.

3 ACCOUNTS RECEIVABLE

	2020	2019
Local governments	\$ 354,920	\$ 359,205
Provincial governments	1,012,160	1,204,675
Federal governments	232,722	246,951
	<u>\$ 1,599,802</u>	<u>\$ 1,810,831</u>
Trade and other receivables	409,001	582,991
	<u>\$ 2,008,803</u>	<u>\$ 2,393,822</u>

4 MUNICIPAL FINANCE AUTHORITY DEBT RESERVE FUND

The Municipal Finance Authority of British Columbia ("MFA", "Authority") provides capital financing for regional districts and their member municipalities. The Authority is required to establish a debt reserve fund into which each regional district and member municipality, who share in the proceeds of debt issued through the Regional District, are required to pay certain amounts set out in the debt agreements.

These reserves consist of cash deposits and demand notes as security for default on MFA debenture debt. The cash portion of the reserves and the interest earned each year (less administration expenses) becomes an obligation of MFA to the Regional District. The Authority must then use this fund, if at any time there are insufficient funds, to meet payments on its obligations. If this occurs, the Regional District may be called upon to restore the fund. The reserves will be used or cancelled upon maturity of the related MFA debenture.

	Demand notes	Cash deposits	2020	2019
Regional District	\$ 329,099	\$ 150,031	\$ 479,130	\$ 447,236
Member municipalities	940,176	558,817	1,498,993	1,487,725
			<u>\$ 1,978,123</u>	<u>\$ 1,934,961</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

NOTES TO THE FINANCIAL STATEMENTS

For the year ended December 31, 2020

5 DEBENTURE DEBT

Debenture debt consists of borrowing from MFA. The details of debenture debt are provided in Schedule 1. Pursuant to the Local Government Act, the Regional District acts as the agency through which its member municipalities borrow funds from MFA. The annual cost of servicing this municipal debt is recovered entirely from the borrowing member municipality. However, in the event of default the Regional District is contingently liable to MFA for this debt.

	2020	2019
Debenture debt recoverable from member municipalities		
City of Grand Forks	\$ 3,186,286	\$ 3,318,576
City of Greenwood	11,654	22,754
City of Rossland	8,672,408	9,070,041
City of Trail	15,679,808	16,590,348
Village of Fruitvale	2,337,578	2,393,327
Village of Midway	100,474	120,492
Village of Warfield	600,602	707,225
	<u>\$ 30,588,810</u>	<u>\$ 32,222,763</u>
Regional District	<u>9,535,626</u>	<u>9,377,497</u>
	<u>\$ 40,124,436</u>	<u>\$ 41,600,260</u>

Payments of principal on issued debt of the Regional District for the following five years, excluding member municipality issuances, are as follows:

2021	520,894
2022	395,958
2023	395,958
2024	395,958
2025	395,958
Thereafter	7,430,900

Interest incurred on the issued debt of the Regional District during the year was \$350,410 (2019 - \$365,084).

6 TEMPORARY BORROWING

The Regional District has temporary borrowing for equipment financing and short-term financing through MFA. Equipment financing agreements have terms of one to five years with principal and interest payable monthly. Short-term financing agreements provide cash flow for ongoing projects, with a maximum term of five years during which regular principal payments are not required and must either be repaid or converted to long term borrowing through a debenture issue at maturity, with interest at a variable rate calculated daily and payable monthly.

The details of temporary borrowing are provided in Schedule 2.

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

NOTES TO THE FINANCIAL STATEMENTS

For the year ended December 31, 2020

Payments of principal on temporary borrowing for the following five years are as follows:

2021	383,822
2022	356,402
2023	1,019,790
2024	168,907
2025	288,432

Interest incurred on temporary borrowing during the year was \$36,211 (2019 - \$32,437). As at December 31, 2020, the interest rate for equipment financing agreements was 1.22% (2019 - 2.54%) and the interest rate for short-term financing agreements was 1.21% (2019- 2.58%).

7 OTHER LONG-TERM DEBT

In 2010, the Regional District agreed to purchase land and buildings from the City of Grand Forks through the Regional District's Boundary Animal Control Service for \$246,138. This agreement has a term of 12 years ending in 2021, with a fixed payment of \$27,001 payable annually on August 1, including interest of 4.65%.

	2020	2019
Opening principal balance outstanding	\$ 46,439	\$ 70,715
less principal paid during year	(24,841)	(24,276)
	<u>\$ 21,598</u>	<u>\$ 46,439</u>

Interest incurred on other long-term debt during the year was \$1,621 (2019 - \$3,263).

8 DEFERRED REVENUE

	2020	2019
Deferred revenue	\$ 1,663,965	\$ 680,880
Community Works Funds (gas tax)	3,589,971	3,118,521
	<u>\$ 5,253,936</u>	<u>\$ 3,799,401</u>

During the 2020 year, \$489,000 was received under the Canada-B.C. Safe Restart Fund for Local Governments, and \$500,000 was received from the Province of B.C. to support the "Scaling Up the Meat Sector in Boundary Country" project. These amounts are included in full in deferred revenue.

(a) Gas Tax Agreement: Community Works Fund

Community Works Fund is a component of the Gas Tax Agreement funding provided by the Government of Canada, and administered through the Union of British Columbia Municipalities (UBCM).

	2020	2019
Opening Balance	\$ 3,118,521	\$ 2,462,368
Add: Amounts received in year	505,851	965,777
Interest earned	145,958	60,213
Less: Project funding disbursements	(180,359)	(369,837)
	<u>\$ 3,589,971</u>	<u>\$ 3,118,521</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

NOTES TO THE FINANCIAL STATEMENTS

For the year ended December 31, 2020

9 LANDFILL CLOSURE AND POST-CLOSURE

The costs of landfill closure and post-closure have been defined in accordance with industry standards and the Canadian generally accepted accounting principles for local government as recommended by the Public Sector Accounting Board ("PSAB") of CPA Canada.

The liability for landfill closure and post-closure costs have been based upon the estimated remaining years, the estimated total volumetric capacity of each site and the cumulative capacity used to December 31, 2020.

	2020	2019
Grand Forks landfill site	\$ 2,444,534	\$ 2,342,555
Greenwood landfill site	1,335,135	1,285,803
McKelvey Creek landfill site	1,699,032	1,609,716
	<u>\$ 5,478,701</u>	<u>\$ 5,238,074</u>

The total estimated landfill closure and post-closure care costs in the Regional District are calculated in present dollars as follows. Actual costs may vary due to future fluctuations in inflation and interest rates.

Site	Estimated remaining capacity (m ³)	Estimated remaining years	Estimated total closure and post closure costs (present value)	Estimated future liability	Total recognized liability
Grand Forks landfill site	272,118	26	\$ 6,400,645	\$ 3,956,111	\$ 2,444,534
Greenwood landfill site	129,552	59	2,742,328	1,407,193	1,335,135
McKelvey Creek landfill site	873,006	61	8,889,212	7,190,180	1,699,032
			<u>\$ 18,032,185</u>	<u>\$ 12,553,484</u>	<u>\$ 5,478,701</u>

As at December 31, 2020, a total of \$5,478,701 has been designated for settling closure and post-closure liabilities. The estimated length of time required for post-closure care for each phase of each landfill site is 25 years.

10 EMPLOYMENT BENEFITS

(a) Pension liability

The Regional District and its employees contribute to the Municipal Pension Plan (a jointly trustee pension plan). The board of trustees, representing plan members and employers, is responsible for administering the plan, including investment of assets and administration of benefits. The plan is a multi-employer defined benefit pension plan. Basic pension benefits are based on a formula. As at December 31, 2019, the plan had about 213,000 active members and approximately 106,000 retired members. Active members include approximately 41,000 contributors from local governments.

Every three years, an actuarial valuation is performed to assess the financial position of the plan and adequacy of plan funding. The actuary determines an appropriate combined employer and member contribution rate to fund the plan. The actuary's calculated contribution rate is based on the entry-age normal cost method, which produces the long-term rate of member and employer contributions sufficient to provide benefits for average future entrants to the plan. This rate may be adjusted for the amortization of any actuarial funding surplus and will be adjusted for the amortization of any unfunded actuarial liability.

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

NOTES TO THE FINANCIAL STATEMENTS

For the year ended December 31, 2020

The most recent valuation for the Municipal Pension Plan as at December 31, 2018, indicated a \$2,866 million funding surplus for basic pension benefits on a going concern basis. In 2020, the Regional District paid \$861,314 for employer contributions to the plan (2019 - \$830,535). The next valuation will be as at December 31, 2021, with results available in 2022.

Employers participating in the plan record their pension expense as the amount of employer contributions made during the fiscal year (defined contribution pension plan accounting). This is because the plan records accrued liabilities and accrued assets for the plan in aggregate, resulting in no consistent and reliable basis for allocating the obligation, assets and cost to individual employers participating in the plan.

(b) Post employment benefits

Employees are entitled to earned benefits related to non-vested accumulating sick leave. The liability and expense for these post-employment benefits and compensated absences is recognized in the financial statements in the period in which employees render services and on the basis that the benefits are expected to be provided when the employees are no longer providing active service. A complete actuarial valuation was performed in December 2018 with the following assumptions:

	2020	2019
Discount rate (%)	2.10	2.70
Inflation rate (%)	2.50	2.50
Compensation increase rate (%)	2.58 - 4.63	2.58 - 4.63

The continuity of the Regional District's employee benefit liabilities are as follows:

	2020	2019
Benefit liability, beginning of year	\$ 212,800	\$ 197,000
Current service cost	13,900	13,200
Interest cost	6,100	6,800
Benefits paid	(11,600)	(16,200)
Actuarial loss (gain)	19,400	12,000
	<u>\$ 240,600</u>	<u>\$ 212,800</u>

11 ACCUMULATED SURPLUS

	2020	2019
General equity	\$ 3,549,865	\$ 3,257,720
Reserves	15,536,506	13,411,565
Equity in tangible capital assets	41,597,158	40,959,127
	<u>\$ 60,683,529</u>	<u>\$ 57,628,412</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

NOTES TO THE FINANCIAL STATEMENTS

For the year ended December 31, 2020

12 ANNUAL BUDGET

The budget data presented in these financial statements is based on the 2020-2024 Financial Plan Bylaw 1735 as approved and adopted by the Board of Directors on March 31, 2020.

Budgeted cash inflows and outflows include transfers to and from reserves and other funds, and prior year surplus/deficits carried forward and principal repayments on debt. These transactions are not recognized as revenues and expenses on the Statement of Operations as they do not meet the inclusion requirements under public sector accounting standards.

	2020	2019
Budgeted annual surplus	\$ 4,606,473	\$ 1,399,658
Deduct		
Capital expenditures	(8,998,145)	(6,531,823)
Principal repayments of debt	(1,227,491)	(1,447,075)
Transfers to reserves	(2,547,278)	(1,294,020)
Add		
Proceeds from borrowing	1,970,100	3,660,064
Transfers from reserves	2,927,143	2,273,058
Prior year net surplus	3,269,198	1,940,138
Financial plan surplus	<u>\$ -</u>	<u>\$ -</u>

13 CONTINGENT LIABILITIES

(a) Liability risk coverage

The Regional District is a subscribed member of the Municipal Insurance Association of British Columbia (The "Exchange") as provided by Section 3.02 of the Insurance Act of the Province of British Columbia. The main purpose of the Exchange is to pool the risks of liability so as to lessen the impact upon any Subscriber. Under the Reciprocal Insurance Exchange Agreement the Regional District is assessed a premium and specific deductible for its claims based on population. The obligation of the Regional District with respect to the Exchange and/or contracts and obligations entered into by the Exchange on behalf of its Subscribers in connection with the Exchange are in every case several, and not joint and several. The Regional District irrevocably and unconditionally undertakes and agrees to indemnify and save harmless the other Subscribers against liability losses and costs which the other Subscriber may suffer.

(b) Insurance and legal claims

From time to time, the Regional District is brought forth as defendant in various lawsuits. The Regional District reviews its exposure to any potential litigation for which it would not be covered by insurance, and assesses whether a successful claim against the Regional District would significantly affect the financial statements. At the date of the financial statements, Management, together with the Municipal Insurance Association, has determined that potential liabilities, if any, arising from these claims will not be significant to the financial statements. The Regional District's insurance deductible for any claim is \$10,000.

14 CONTAMINATED SITES

The Regional District evaluated all sites for which an environmental standard exists and for which it is directly responsible, and has concluded that no contamination exists that exceeds an environmental standard. Accordingly, no amount has been accrued in the financial statements as a liability for the environmental remediation of a contaminated site.

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

NOTES TO THE FINANCIAL STATEMENTS

For the year ended December 31, 2020

15 SUBSEQUENT EVENTS

In March 2020, the COVID-19 outbreak caused governments worldwide to enact emergency measures to combat the spread of the virus. These measures, which include the implementation of facility closures, travel restrictions, self-isolation periods, and social and physical distancing, will have a significant impact on the local and global economy. At this time, it is not possible to reliably estimate the length and severity of the COVID-19 outbreak and how it may impact the Regional District's financial results for 2021.

16 SEGMENTED INFORMATION

The services of the Regional District are segmented as follows, with operational results in Schedule 4.

General government services

This segment comprises the following services: general government administration, electoral area administration, and grants-in-aid. General government includes corporate services, information systems, and financial services. Corporate services involves staff and management working closely with the Board and community partners to coordinate the delivery of a wide range of functions and services. Financial services is responsible for the requisition of tax revenues from the Province and member municipalities, and all treasury and accounting functions. Information systems includes management of computer databases and communication systems used by the Regional District.

Protective services

This segment includes electoral area fire protection, regional fire rescue, 911 services, emergency preparedness, victims' services, building inspection, animal control, and mosquito control. These services are designed to provide a safe environment to the community.

Transportation services

This segment includes street light improvements and transit services.

Environmental health services

This segment includes effluent disposal, solid waste management services of recycling, collection, and transfer stations, water services, sewer services, invasive species, and noise control. The mandate of these programs is to coordinate delivery of the many day-to-day services required for community living.

Development services

This segment includes planning and development, and economic development services. The planning function is responsible for developing land use policies that provide guidance to elected officials, developers, the public and other decision makers.

Recreation and cultural services

This segment includes services providing community halls, recreational programming and libraries. Facilities managed within this area include parks and playgrounds, arenas, swimming pools, as well as community centers.

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

SCHEDULE 1: DEBENTURE DEBT

For the year ended December 31, 2020

MFA Issue	Recipient	Term in years	Date of maturity	Interest rate (%)	2020 Principal Outstanding	2019 Principal Outstanding
141	Village of Fruitvale	30	7-Apr-2047	2.80	\$ 2,337,579	\$ 2,393,327
112	City of Grand Forks	15	6-Oct-2025	3.73	28,028	33,004
126	City of Grand Forks	20	26-Sep-2033	3.85	1,290,917	1,365,571
149	City of Grand Forks	25	9-Oct-2044	2.24	1,867,338	1,920,000
75	City of Greenwood	20	1-Dec-2021	1.75	11,654	22,754
81	Village of Midway	20	22-Apr-2024	2.85	46,948	57,322
95	Village of Midway	20	13-Oct-2025	1.80	53,526	63,170
66	City of Rossland	25	5-Nov-2022	2.25	82,060	120,183
68	City of Rossland	25	24-Mar-2023	2.65	386,442	503,188
117	City of Rossland	20	12-Oct-2031	3.25	936,846	1,003,640
127	City of Rossland	30	7-Apr-2044	3.30	3,526,934	3,613,706
142	City of Rossland	30	4-Oct-2047	3.15	3,740,126	3,829,324
74	City of Trail	25	1-Jun-2026	1.75	270,100	307,918
77	City of Trail	25	1-Jun-2027	1.75	1,108,505	1,238,168
95	City of Trail	20	13-Oct-2025	1.80	695,969	821,365
104	City of Trail	20	30-Nov-2028	2.90	842,192	930,078
126	City of Trail	20	26-Sep-2033	3.85	1,823,825	1,929,298
137	City of Trail	25	19-Apr-2041	2.60	4,384,017	4,523,952
141	City of Trail	25	7-Apr-2042	2.80	5,754,924	5,937,893
141	City of Trail	10	7-Apr-2027	2.80	800,276	901,676
112	Village of Warfield	15	6-Oct-2025	3.73	600,604	707,226
Debenture debt recoverable from member municipalities					\$ 30,588,810	\$ 32,222,763
104	Regional District	20	20-Nov-2028	2.90	\$ 743,111	\$ 820,657
110	Regional District	25	8-Apr-2035	4.50	153,018	160,366
116	Regional District	10	4-Apr-2021	4.20	177,823	348,808
118	Regional District	15	11-Apr-2027	3.40	188,941	211,943
137	Regional District	25	19-Apr-2041	2.60	6,420,855	6,625,805
141	Regional District	10	7-Apr-2027	2.80	532,978	600,509
145	Regional District	20	23-Apr-2038	3.15	306,693	319,409
147	Regional District	20	9-Apr-2039	2.66	279,207	290,000
152	Regional District	15	2-Oct-2035	0.91	490,000	-
152	Regional District	10	2-Oct-2030	0.91	243,000	-
Regional District debenture debt					\$ 9,535,626	\$ 9,377,497
					\$ 40,124,436	\$ 41,600,260

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

SCHEDULE 2: TEMPORARY BORROWING

For the year ended December 31, 2020

Purpose	Maturity	2020	2019
Equipment Financing			
Fire Rescue, Vehicle	31-Mar-2021	\$ 27,096	\$ 113,452
Water Utility, Vehicle	31-Jul-2021	4,807	12,080
Fire Rescue, Vehicle	30-Jun-2020	-	41,764
Fire Rescue, Vehicle	31-Mar-2022	18,602	32,260
Environmental Services, Vehicle	31-Dec-2022	28,821	43,177
Recreation, Vehicle	31-Dec-2023	23,749	31,648
Fire Rescue, Vehicle	30-Apr-2024	292,371	378,724
Fire Rescue, Equipment	31-May-2024	381,582	491,408
Fire Rescue, Vehicle	30-Nov-2024	244,145	305,316
Fire Rescue, Vehicle	30-Nov-2025	70,000	-
Environmental Services, Equipment	30-Nov-2025	186,000	-
		<u>\$ 1,277,173</u>	<u>\$ 1,449,829</u>
Short-term financing			
Recreation, Equipment	10-Dec-2020	\$ -	\$ 30,000
Recreation, Equipment	20-Dec-2022	9,600	14,400
Fire Rescue, Vehicle	21-Dec-2023	688,002	827,720
Recreation, Building	7-Dec-2025	28,000	-
Recreation, Equipment	7-Dec-2025	214,578	-
		<u>\$ 940,180</u>	<u>\$ 872,120</u>
		<u>\$ 2,217,353</u>	<u>\$ 2,321,949</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

SCHEDULE 3: TANGIBLE CAPITAL ASSETS

For the year ended December 31, 2020

	Land	Building	Machinery & Equipment	Land improvements	Work in Progress	Engineered Structures - Water	Engineered Structures - Sewer	2020	2019
Cost									
Opening balance	\$ 5,048,540	\$ 28,789,613	\$ 26,658,006	\$ 4,110,824	\$ 2,668,894	\$ 11,475,626	\$ 16,177,191	\$ 94,928,694	\$ 91,697,469
Additions	-	1,080,672	1,627,714	18,195	778,835	100,477	34,025	3,639,918	3,958,660
Disposals	-	-	(59,134)	-	(262,203)	-	-	(321,337)	(727,435)
Closing balance	\$ 5,048,540	\$ 29,870,285	\$ 28,226,586	\$ 4,129,019	\$ 3,185,526	\$ 11,576,103	\$ 16,211,216	\$ 98,247,275	\$ 94,928,694
Accumulated amortization									
Opening balance	\$ -	\$ 12,933,139	\$ 16,473,073	\$ 1,636,326	\$ -	\$ 3,206,421	\$ 7,974,718	\$ 42,223,677	\$ 40,055,578
Additions	-	761,180	1,195,857	82,575	-	319,621	345,560	2,704,793	2,663,924
Disposals	-	-	(52,930)	-	-	-	-	(52,930)	(495,825)
Closing balance	\$ -	\$ 13,694,319	\$ 17,616,000	\$ 1,718,901	\$ -	\$ 3,526,042	\$ 8,320,278	\$ 44,875,540	\$ 42,223,677
Net book value, 2020	\$ 5,048,540	\$ 16,175,966	\$ 10,610,586	\$ 2,410,118	\$ 3,185,526	\$ 8,050,061	\$ 7,890,938	\$ 53,371,735	
Net book value, 2019	\$ 5,048,540	\$ 15,856,474	\$ 10,184,933	\$ 2,474,498	\$ 2,668,894	\$ 8,269,205	\$ 8,202,473		\$ 52,705,017

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

SCHEDULE 4: SEGMENTED INFORMATION

For the year ended December 31, 2020

For the year ended December 31, 2020	General Government Services	Protective Services	Transportation Services	Environmental Health Services	Development Services	Recreational and Cultural Services	Total
Revenue							
Grants in lieu of taxes	\$ 1,392,092	\$ 518,187	\$ 3,611	\$ 13,961	\$ 2,903	\$ 22,595	\$ 1,953,349
Services provided to other governments	173,316	21,496	-	70,000	-	-	264,812
Sale of services	-	17,599	355,222	3,568,417	15,945	489,461	4,446,644
Gain (loss) on disposal of assets	-	9,796	-	-	-	-	9,796
Other revenues	421,270	366,604	69,345	673,385	461,600	379,980	2,372,184
Transfers from:							
Electoral area tax levies & parcel taxes	820,733	4,543,340	351,431	2,197,891	1,106,490	3,152,135	12,172,020
Member municipalities	285,852	3,592,615	861,088	2,825,670	252,712	2,296,365	10,114,302
Other governments	245,142	525,723	-	447,888	-	-	1,218,753
	\$ 3,338,405	\$ 9,595,360	\$ 1,640,697	\$ 9,797,212	\$ 1,839,650	\$ 6,340,536	\$ 32,551,860
Expenses							
Salaries and benefits	\$ 1,852,195	\$ 4,794,757	\$ -	\$ 2,212,671	\$ 741,894	\$ 2,062,775	\$ 11,664,292
Office and supplies	60,539	170,672	-	53,583	110,553	115,033	510,380
Interest on debt	60,332	72,277	-	271,661	-	46,760	451,030
Insurance	97,200	105,801	-	80,462	-	91,231	374,694
Director remuneration and expenses	472,309	-	-	-	-	-	472,309
Board fee (recovery of)	(664,980)	233,707	55,140	181,721	62,497	131,916	1
Utilities	37,904	150,755	17,328	210,691	-	324,239	740,917
Professional fees	270,014	66,319	-	120,437	28,011	-	484,781
Equipment rentals	17,377	-	-	23,793	-	-	41,170
Repairs and maintenance	385,063	575,290	-	1,054,475	49,014	301,711	2,365,553
Vehicle	26,853	230,958	-	30,760	-	26,924	315,495
Contracted services	3,700	1,224,276	1,130,872	2,074,633	674,605	539,410	5,647,496
Travel and training	33,208	239,655	-	12,400	3,573	17,704	306,540
Grants to other programs	381,792	67,171	-	-	-	1,165,776	1,614,739
Miscellaneous	111,160	12,733	22,111	55,039	69,977	14,956	285,976
Amortization	128,543	777,948	1,508	1,248,795	34,347	513,652	2,704,793
Transfers to other governments	-	97,767	-	588,940	-	589,253	1,275,960
Provision for landfill closure & post-closure	-	-	-	240,627	-	-	240,627
	\$ 3,273,209	\$ 8,820,086	\$ 1,226,959	\$ 8,460,688	\$ 1,774,471	\$ 5,941,340	\$ 29,496,753
	\$ 65,196	\$ 775,274	\$ 413,738	\$ 1,336,524	\$ 65,179	\$ 399,196	\$ 3,055,107

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

SCHEDULE 4: SEGMENTED INFORMATION

For the year ended December 31, 2019

For the year ended December 31, 2019	General Government Services	Protective Services	Transportation Services	Environmental Health Services	Development Services	Recreational and Cultural Services	Total
Revenue							
Grants in lieu of taxes	\$ 1,501,434	\$ 319,301	\$ 3,800	\$ 13,544	\$ 2,989	\$ 14,841	\$ 1,855,909
Services provided to other governments	253,557	16,781	-	70,000	-	-	340,338
Sale of services	-	23,738	470,726	3,740,625	15,540	775,410	5,026,039
Gain (loss) on disposal of assets	-	(94,405)	-	33,500	-	-	(60,905)
Other revenues	349,522	171,151	36,678	510,383	135,829	753,174	1,956,737
Transfers from:							
Electoral area tax levies & parcel taxes	630,035	4,238,808	356,725	2,059,372	1,112,444	3,051,161	11,448,545
Member municipalities	132,000	3,573,296	859,695	2,639,404	257,061	2,220,949	9,682,405
Other governments	242,653	1,433,930	-	580,126	373	-	2,257,082
	\$ 3,109,201	\$ 9,682,600	\$ 1,727,624	\$ 9,646,954	\$ 1,524,236	\$ 6,815,535	\$ 32,506,150
Expenses							
Salaries and benefits	\$ 1,657,770	\$ 4,668,909	\$ -	\$ 2,156,686	\$ 634,330	\$ 2,238,273	\$ 11,355,968
Office and supplies	77,272	113,040	-	68,349	112,804	147,145	518,610
Interest on debt	43,177	67,761	-	286,008	-	49,112	446,058
Insurance	64,865	98,560	-	70,168	-	81,028	314,621
Director remuneration and expenses	544,130	-	-	-	-	-	544,130
Board fee (recovery of)	(653,046)	229,357	54,153	178,438	61,355	129,743	-
Utilities	34,416	130,785	16,792	211,065	-	381,927	774,985
Professional fees	283,631	18,626	-	223,473	20,692	-	546,422
Equipment rentals	14,771	-	-	28,991	-	-	43,762
Repairs and maintenance	351,310	437,143	-	1,185,355	42,895	304,076	2,320,779
Vehicle	33,285	251,653	-	44,023	1,137	26,692	356,790
Contracted services	28,702	2,001,179	1,577,310	1,989,623	432,905	598,398	6,628,117
Travel and training	99,279	321,213	-	25,981	9,318	20,835	476,626
Grants to other programs	467,481	25,750	-	-	-	1,244,077	1,737,308
Miscellaneous	121,972	8,228	542	15,498	11,916	25,710	183,866
Amortization	108,302	707,651	1,508	1,285,825	34,347	526,291	2,663,924
Transfers to other governments	-	83,997	-	532,309	-	417,652	1,033,958
Provision for landfill closure & post-closure	-	-	-	235,950	-	-	235,950
	\$ 3,277,317	\$ 9,163,852	\$ 1,650,305	\$ 8,537,742	\$ 1,361,699	\$ 6,190,959	\$ 30,181,874
	\$ (168,116)	\$ 518,748	\$ 77,319	\$ 1,109,212	\$ 162,537	\$ 624,576	\$ 2,324,276

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Draft for Board Approval

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
SUPPLEMENTARY INFORMATION TO THE FINANCIAL STATEMENTS

December 31, 2020

(Unaudited)

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF RESERVE FUND SOURCES AND APPLICATIONS

For the year ended December 31, 2020
(Unaudited)

	Opening Balance	Interest Earned	Transfers to Reserve	Transfers to Operations	Closing Balance
General Government & Others					
General Government & Administration	\$ 4,377,429	\$ 176,248	\$ 111,784	\$ (51,758)	\$ 4,613,703
Electoral Area Administration	42,693	1,916	-	-	44,609
Boundary Economic Development	6,217	281	-	-	6,498
East End Economic Development	8,733	390	-	-	9,123
Area 'C' Economic Development	23,028	1,033	-	-	24,061
Area 'D' Economic Development	-	-	25,000	-	25,000
Planning & Development	26,297	1,180	27,400	(6,000)	48,877
Boundary Integrated Watershed	-	-	44,000	-	44,000
Big White Street Lighting	38,759	1,739	9,138	-	49,636
Beaverdell Street Lighting	6,512	292	1,309	-	8,113
Protective Services					
Beaverdell Fire Protection	36,079	1,619	10,000	-	47,698
Big White Fire Protection	305,145	13,693	30,000	-	348,838
Building Inspection	36,845	1,653	104,250	(42,000)	100,748
Christina Lake Fire Protection	277,625	12,458	10,000	(67,491)	232,592
Emergency Communications (9-1-1)	1,609	72	32,722	-	34,403
Emergency Preparedness	274,005	12,295	-	(86,337)	199,963
Grand Forks Rural Fire Service	614,721	27,584	22,709	(221,947)	443,067
Greenwood Rural Fire Service	9,637	432	-	-	10,069
Kettle Valley Fire Protection	66,788	2,997	11,250	-	81,035
Police Based Victims' Assistance	49,908	2,240	15,000	-	67,148
Kootenay Boundary Regional Fire & Rescue	766,215	34,382	359,870	(27,892)	1,132,575
Recreation & Culture					
Area 'B' Parks & Trails	131,383	5,896	20,000	(75,000)	82,279
Area 'C' Parks & Trails	206,272	9,256	18,799	-	234,327
Area 'D' Parks & Trails	64,763	2,906	18,000	-	85,669
Area 'E' Parks & Trails	182,237	8,178	50,000	-	240,415
Beaver Valley Parks & Trails	89,052	3,996	59,671	-	152,719
Beaver Valley Arena	20,091	902	17,995	-	38,988
Beaver Valley Recreation	-	-	10,000	-	10,000
Boundary Area Recreation	2,295	103	17,350	-	19,748
Christina Lake Recreation	23,934	1,074	11,886	-	36,894
Christina Lake Recreation Facilities	42,757	1,919	3,500	-	48,176
Grand Forks Aquatic Centre	144,108	6,467	-	-	150,575
Grand Forks Arena	205,847	9,237	-	-	215,084
Grand Forks Curling Rink	476	21	2,052	-	2,549
Greater Trail Community & Arts Centre	369,020	16,559	45,255	-	430,834
Environmental Health Services					
Big White Noise Control	64,138	2,878	-	-	67,016
Big White Refuse Disposal	-	-	5,000	-	5,000
Mosquito Control Area 'D' & Grand Forks	49,213	2,208	-	(22,889)	28,532
Mosquito Control Area 'C'	10,344	464	-	-	10,808
Christina Lake Milfoil Control	72,055	3,233	6,000	-	81,288
Noxious Weed Control, Areas 'D' & 'E'	10,344	464	-	-	10,808
Composting Facility Operation	1,317	59	-	-	1,376
East End Cemetery	207,939	9,331	-	-	217,270
Greenwood & Area 'E' Cemeteries	19,563	878	-	-	20,441
Regional Refuse	2,037,783	85,912	930,000	(212,063)	2,841,632
Water & Sewer Utilities					
Beaver Valley Water Utility	575,347	25,818	83,875	-	685,040
Christina Lake Water Utility	719,214	31,017	99,848	-	850,079
Columbia Gardens Water Utility	15,592	700	-	-	16,292
East End Regionalized Sewer	446,575	20,039	116,000	-	582,614
Regionalized Sewer - Rossland & Warfield	3,558	160	5,000	-	8,718
Oasis/Rivervale Sewer	29,484	1,323	-	(1,784)	29,023
Rivervale Water & Street Lighting Utility	180,399	8,095	42,033	(4,500)	226,027
Transit Services					
East End Transit	518,184	23,252	-	(6,945)	534,491
Boundary Transit	36	2	-	-	38
	\$ 13,411,565	\$ 574,851	\$ 2,376,696	\$ (826,606)	\$ 15,536,506

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	001 Budget General Government Services	001 Actual General Government Services	002 Budget Electoral Area Admin. Services	002 Actual Electoral Area Admin. Services
REVENUE				
Grants in lieu of taxes	\$ 1,307,165	\$ 1,391,333	\$ 501	\$ 716
Services provided to other governments	-	-	250,000	180,360
Sale of services	30,449	30,149	-	-
Other revenue	376,283	372,842	-	-
Transfers from:				
Electoral area tax levy	276,978	270,888	272,982	272,982
Member municipalities	272,442	278,532	-	-
Other governments	203,284	205,143	40,000	40,000
Reserve fund	625,000	51,759	20,000	-
Capital fund	-	128,543	-	-
Equity account	-	-	-	-
	<u>\$ 3,091,601</u>	<u>\$ 2,729,189</u>	<u>\$ 583,483</u>	<u>\$ 494,058</u>
EXPENSES				
Salaries and benefits	\$ 1,856,755	\$ 1,730,167	\$ 116,162	\$ 122,031
Office and supplies	88,404	54,740	10,500	5,799
Debt charges - principal	-	-	-	-
Debt charges - interest	40,000	66,326	-	-
Insurance	106,682	97,200	-	-
Director remuneration and expenses	429,201	336,168	169,151	136,141
Board fee (recovery of)	(696,145)	(696,145)	19,907	19,907
Utilities	39,780	37,904	-	-
Professional fees	352,107	270,014	-	-
Equipment rentals	27,576	17,377	-	-
Repairs and maintenance	440,584	384,966	-	96
Vehicle	38,112	26,853	20,487	20,487
Contracted services	6,263	2,500	1,200	1,200
Travel and training	56,882	18,221	60,813	14,988
Grants to other programs	10,000	10,000	250,000	180,360
Miscellaneous	71,994	85,654	15,701	10,331
Capital expenditures	306,000	174,217	-	-
Amortization	-	128,543	-	-
Transfers to:				
Reserve fund	71,045	111,784	-	-
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 3,245,240</u>	<u>\$ 2,856,489</u>	<u>\$ 663,921</u>	<u>\$ 511,340</u>
Excess revenue (expenditures)	\$ (153,639)	\$ (127,300)	\$ (80,438)	\$ (17,282)
Surplus (deficit), beginning of year	153,639	153,017	80,438	80,438
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 25,717</u>	<u>\$ -</u>	<u>\$ 63,156</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

003 Budget Electoral Area Grant-in-Aid	003 Actual Electoral Area Grant-in-Aid	004 Budget Building and Plumbing Inspection	004 Actual Building and Plumbing Inspection	005 Budget Planning and Development	005 Actual Planning and Development
\$ -	\$ -	\$ 1,500	\$ 1,497	\$ 1,000	\$ 1,373
-	-	-	-	-	-
-	-	2,500	2,185	33,360	30,945
-	-	500	2,500	231,358	221,787
269,740	269,740	607,184	607,185	696,587	694,440
-	-	394,422	394,421	107,415	109,561
-	-	-	-	-	-
-	-	42,000	42,000	6,000	6,000
-	-	-	38,443	-	34,347
-	-	-	-	-	-
<u>\$ 269,740</u>	<u>\$ 269,740</u>	<u>\$ 1,048,106</u>	<u>\$ 1,088,231</u>	<u>\$ 1,075,720</u>	<u>\$ 1,098,453</u>
-	-	805,373	743,701	680,702	642,211
-	-	25,925	21,722	28,845	14,234
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
9,642	9,642	28,313	28,313	47,825	47,825
-	-	18,972	17,203	-	-
-	-	5,100	11,401	12,000	16,761
-	-	3,500	-	-	-
-	-	97,400	115,187	69,269	69,178
-	-	24,579	21,490	13,133	13,133
-	-	-	-	233,051	214,547
-	-	22,546	9,967	13,260	3,237
349,712	210,076	-	-	-	-
-	-	-	-	-	2,784
-	-	54,000	43,156	6,000	-
-	-	-	38,443	-	34,347
-	-	-	-	-	-
-	-	104,250	104,250	27,400	27,400
-	-	-	-	-	-
-	-	-	-	-	-
<u>\$ 359,354</u>	<u>\$ 219,718</u>	<u>\$ 1,189,958</u>	<u>\$ 1,154,833</u>	<u>\$ 1,131,485</u>	<u>\$ 1,085,657</u>
<u>\$ (89,614)</u>	<u>\$ 50,022</u>	<u>\$ (141,852)</u>	<u>\$ (66,602)</u>	<u>\$ (55,765)</u>	<u>\$ 12,796</u>
<u>89,614</u>	<u>89,614</u>	<u>141,852</u>	<u>140,055</u>	<u>55,765</u>	<u>53,784</u>
<u>\$ -</u>	<u>\$ 139,636</u>	<u>\$ -</u>	<u>\$ 73,453</u>	<u>\$ -</u>	<u>\$ 66,580</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	006 Budget Feasibility Studies	006 Actual Feasibility Studies	008 Budget Boundary Economic Development	008 Actual Boundary Economic Development
REVENUE				
Grants in lieu of taxes	\$ 101	\$ 44	\$ 99	\$ 428
Services provided to other governments	-	-	-	-
Sale of services	-	-	-	-
Other revenue	20,000	7,523	121,000	91,021
Transfers from:				
Electoral area tax levy	7,282	7,123	100,698	100,851
Member municipalities	7,160	7,320	31,617	31,463
Other governments	-	-	-	-
Reserve fund	-	-	-	-
Capital fund	-	-	-	-
Equity account	-	-	-	-
	<u>\$ 34,543</u>	<u>\$ 22,010</u>	<u>\$ 253,414</u>	<u>\$ 223,763</u>
EXPENSES				
Salaries and benefits	\$ -	\$ -	\$ -	\$ -
Office and supplies	-	-	23,500	16,000
Debt charges - principal	-	-	-	-
Debt charges - interest	-	-	-	-
Insurance	-	-	-	-
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	1,616	1,616	4,497	4,497
Utilities	-	-	-	-
Professional fees	-	-	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	-	-	-	-
Vehicle	-	-	-	-
Contracted services	-	-	222,000	146,437
Travel and training	-	-	-	201
Grants to other programs	-	-	-	-
Miscellaneous	89,000	15,174	-	-
Capital expenditures	-	-	-	-
Amortization	-	-	-	-
Transfers to:				
Reserve fund	-	-	-	-
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 90,616</u>	<u>\$ 16,790</u>	<u>\$ 249,997</u>	<u>\$ 167,135</u>
Excess revenue (expenditures)	\$ (56,073)	\$ 5,220	\$ 3,417	\$ 56,628
Surplus (deficit), beginning of year	56,073	56,073	(3,417)	(3,417)
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 61,293</u>	<u>\$ -</u>	<u>\$ 53,211</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

009 Budget Police Based Victims' Services	009 Actual Police Based Victims' Services	010 Budget Solid Waste Management	010 Actual Solid Waste Management	012 Budget Emergency Preparedness	012 Actual Emergency Preparedness
\$ 150	\$ 233	\$ 2,000	\$ 4,296	\$ 801	\$ 818
-	-	-	-	-	-
-	-	2,792,000	2,876,029	-	-
5,083	13,752	280,300	421,619	-	114,629
23,430	21,106	706,843	691,655	134,549	131,661
56,411	58,735	695,264	710,453	132,344	135,233
52,237	57,400	28,000	36,061	179,209	468,323
15,000	-	562,700	212,063	143,679	86,337
-	-	-	297,625	-	14,834
-	-	186,000	186,000	-	-
<u>\$ 152,311</u>	<u>\$ 151,226</u>	<u>\$ 5,253,107</u>	<u>\$ 5,435,801</u>	<u>\$ 590,582</u>	<u>\$ 951,835</u>
124,066	124,812	1,361,441	1,348,226	311,215	379,082
1,446	666	55,479	33,220	11,008	853
-	-	154,865	124,936	-	-
-	-	66,621	63,099	-	-
-	-	22,471	23,358	-	-
-	-	-	-	-	-
1,463	1,463	54,545	54,545	5,572	5,572
2,220	2,220	55,829	39,999	4,598	1,204
-	-	85,000	70,816	5,000	54,918
-	-	22,500	17,519	-	-
7,200	7,088	364,246	247,296	41,140	33,248
-	-	-	-	6,532	4,022
-	-	1,397,821	1,310,035	157,300	388,676
9,295	944	25,223	4,225	17,257	2,121
-	-	-	-	25,750	67,171
-	-	-	5,041	5,000	-
-	-	783,000	869,538	-	-
-	-	-	297,625	-	14,834
15,000	15,000	1,017,000	930,000	-	-
-	-	-	-	-	-
-	-	240,787	240,627	-	-
<u>\$ 160,690</u>	<u>\$ 152,193</u>	<u>\$ 5,706,828</u>	<u>\$ 5,680,105</u>	<u>\$ 590,372</u>	<u>\$ 951,701</u>
<u>\$ (8,379)</u>	<u>\$ (967)</u>	<u>\$ (453,721)</u>	<u>\$ (244,304)</u>	<u>\$ 210</u>	<u>\$ 134</u>
<u>8,379</u>	<u>8,270</u>	<u>453,721</u>	<u>453,307</u>	<u>(210)</u>	<u>(239)</u>
<u>\$ -</u>	<u>\$ 7,303</u>	<u>\$ -</u>	<u>\$ 209,003</u>	<u>\$ -</u>	<u>\$ (105)</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	014 Budget Area 'B' Parks and Trails	014 Actual Area 'B' Parks and Trails	015 Budget 9-1-1 Emergency Communications	015 Actual 9-1-1 Emergency Communications
REVENUE				
Grants in lieu of taxes	\$ 449	\$ 333	\$ 750	\$ 1,044
Services provided to other governments	-	-	-	-
Sale of services	-	-	-	-
Other revenue	28,400	46,440	-	-
Transfers from:				
Electoral area tax levy	226,154	226,154	171,775	168,087
Member municipalities	-	-	168,960	172,648
Other governments	-	-	-	-
Reserve fund	75,000	75,000	-	-
Capital fund	-	16,671	-	17,524
Equity account	-	-	-	-
	<u>\$ 330,003</u>	<u>\$ 364,598</u>	<u>\$ 341,485</u>	<u>\$ 359,303</u>
EXPENSES				
Salaries and benefits	\$ -	\$ -	\$ 43,448	\$ 43,507
Office and supplies	-	-	750	-
Debt charges - principal	-	-	-	-
Debt charges - interest	6,850	1,861	-	-
Insurance	-	-	377	433
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	12,422	12,422	17,411	17,411
Utilities	790	644	16,000	18,990
Professional fees	-	-	10,000	-
Equipment rentals	-	-	-	-
Repairs and maintenance	-	-	29,142	27,131
Vehicle	-	-	-	-
Contracted services	-	-	213,357	213,357
Travel and training	-	-	1,000	-
Grants to other programs	362,618	293,167	-	-
Miscellaneous	-	-	-	-
Capital expenditures	-	-	10,000	-
Amortization	-	16,671	-	17,524
Transfers to:				
Reserve fund	20,000	20,000	32,722	32,722
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 402,680</u>	<u>\$ 344,765</u>	<u>\$ 374,207</u>	<u>\$ 371,075</u>
Excess revenue (expenditures)	\$ (72,677)	\$ 19,833	\$ (32,722)	\$ (11,772)
Surplus (deficit), beginning of year	72,677	72,677	32,722	32,722
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 92,510</u>	<u>\$ -</u>	<u>\$ 20,950</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

017 Budget East End Economic Development	017 Actual East End Economic Development	018 Budget Greater Trail Community Centre	018 Actual Greater Trail Community Centre	019 Budget Beaver Valley Parks & Trails	019 Actual Beaver Valley Parks & Trails
\$ -	\$ 273	\$ 1,700	\$ 2,131	\$ 918	\$ 1,156
-	-	-	-	-	-
-	-	283,144	264,817	-	-
-	-	620,765	319,388	-	15,987
62,652	58,035	214,056	192,816	660,854	617,490
66,060	70,677	515,365	536,605	267,212	310,577
-	-	-	-	-	-
-	-	-	127,624	-	76,940
-	-	-	-	-	-
<u>\$ 128,712</u>	<u>\$ 128,985</u>	<u>\$ 1,635,030</u>	<u>\$ 1,443,381</u>	<u>\$ 928,984</u>	<u>\$ 1,022,150</u>
-	-	543,080	515,674	-	-
-	-	18,727	37,494	-	-
-	-	-	-	7,685	7,899
-	-	-	-	703	489
-	-	37,991	41,252	1,454	691
-	-	-	-	-	-
4,323	4,323	17,542	17,542	12,422	12,422
-	-	124,800	85,792	-	-
300	-	-	-	-	-
-	-	-	-	-	-
-	-	85,405	90,006	5,000	7,947
-	-	6,946	8,687	-	-
124,650	107,648	75,000	77,422	207,918	229,630
-	-	2,000	1,928	-	-
-	-	601,132	297,237	5,100	-
-	-	62,748	18,779	-	-
-	-	205,193	49,887	135,000	84,757
-	-	-	127,624	-	76,940
-	-	-	-	-	-
-	-	57,600	45,255	59,671	59,671
-	-	-	-	553,032	553,032
-	-	-	-	-	-
<u>\$ 129,273</u>	<u>\$ 111,971</u>	<u>\$ 1,838,164</u>	<u>\$ 1,414,579</u>	<u>\$ 987,985</u>	<u>\$ 1,033,478</u>
<u>\$ (561)</u>	<u>\$ 17,014</u>	<u>\$ (203,134)</u>	<u>\$ 28,802</u>	<u>\$ (59,001)</u>	<u>\$ (11,328)</u>
<u>561</u>	<u>561</u>	<u>203,134</u>	<u>199,716</u>	<u>59,001</u>	<u>59,001</u>
<u>\$ -</u>	<u>\$ 17,575</u>	<u>\$ -</u>	<u>\$ 228,518</u>	<u>\$ -</u>	<u>\$ 47,673</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	020-011 Budget Beaver Valley Arena 020- 011	020-011 Actual Budget Beaver Valley Arena 020-011	020-013 Budget Beaver Valley Recreation 020-013	020-013 Actual Beaver Valley Recreation 020-013
REVENUE				
Grants in lieu of taxes	\$ 499	\$ 603	\$ 251	\$ 301
Services provided to other governments	-	-	-	-
Sale of services	124,009	62,786	37,600	13,723
Other revenue	2,000	1,884	2,162	2,100
Transfers from:				
Electoral area tax levy	344,826	322,199	172,215	160,918
Member municipalities	139,428	162,053	69,634	80,931
Other governments	-	-	-	-
Reserve fund	-	-	-	-
Capital fund	-	54,673	-	-
Equity account	-	-	-	-
	<u>\$ 610,762</u>	<u>\$ 604,198</u>	<u>\$ 281,862</u>	<u>\$ 257,973</u>
EXPENSES				
Salaries and benefits	\$ 309,855	\$ 343,998	\$ 193,999	\$ 98,726
Office and supplies	9,505	8,068	27,176	11,372
Debt charges - principal	-	-	-	-
Debt charges - interest	-	-	-	-
Insurance	13,185	12,722	-	-
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	13,396	13,396	12,422	12,422
Utilities	89,640	62,132	5,060	4,476
Professional fees	-	-	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	65,284	59,119	28,870	22,291
Vehicle	7,381	2,920	5,716	4,850
Contracted services	-	-	-	-
Travel and training	2,665	4,322	2,500	368
Grants to other programs	-	-	-	-
Miscellaneous	-	-	-	-
Capital expenditures	-	-	-	-
Amortization	-	54,673	-	-
Transfers to:				
Reserve fund	75,000	17,995	10,000	10,000
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 585,911</u>	<u>\$ 579,345</u>	<u>\$ 285,743</u>	<u>\$ 164,505</u>
Excess revenue (expenditures)	\$ 24,851	\$ 24,853	\$ (3,881)	\$ 93,468
Surplus (deficit), beginning of year	(24,851)	(25,658)	3,881	3,881
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ (805)</u>	<u>\$ -</u>	<u>\$ 97,349</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

021 Budget Grand Forks & Area 'D' Recreation	021 Actual Grand Forks & Area 'D' Recreation	022 Budget Midway, Area 'E' & Greenwood Rec.	022 Actual Midway, Area 'E' & Greenwood Rec.	023 Budget Christina Lake Recreation	023 Actual Christina Lake Recreation
\$ 1,166	\$ 3,993	\$ -	\$ 3	\$ 200	\$ 161
-	-	-	-	-	-
70,741	45,400	-	-	16,220	4,728
-	1,253	-	-	1,500	-
227,828	227,593	37,676	38,266	52,672	52,672
289,872	290,107	17,956	17,366	-	-
-	-	-	-	-	-
-	5,353	-	-	-	-
-	-	-	-	-	-
<u>\$ 589,607</u>	<u>\$ 573,699</u>	<u>\$ 55,632</u>	<u>\$ 55,635</u>	<u>\$ 70,592</u>	<u>\$ 57,561</u>
448,864	426,848	-	-	19,173	3,074
35,115	31,668	20,100	12,335	18,728	3,842
-	-	-	-	-	-
70	77	-	-	-	-
-	-	-	-	-	-
12,422	12,422	1,463	1,463	1,463	1,463
9,058	14,050	-	-	-	-
-	-	-	-	-	-
11,004	9,515	-	-	-	-
5,652	5,270	-	-	-	-
-	-	-	-	34,021	34,021
11,900	11,085	-	-	500	-
20,000	20,000	10,000	10,000	-	-
-	3,082	-	-	-	-
16,667	16,610	-	-	-	-
-	5,353	-	-	-	-
18,131	17,350	-	-	11,886	11,886
-	-	36,220	36,221	-	-
-	-	-	-	-	-
<u>\$ 588,883</u>	<u>\$ 573,330</u>	<u>\$ 67,783</u>	<u>\$ 60,019</u>	<u>\$ 85,771</u>	<u>\$ 54,286</u>
\$ 724	\$ 369	\$ (12,151)	\$ (4,384)	\$ (15,179)	\$ 3,275
(724)	(373)	12,151	12,151	15,179	15,179
<u>\$ -</u>	<u>\$ (4)</u>	<u>\$ -</u>	<u>\$ 7,767</u>	<u>\$ -</u>	<u>\$ 18,454</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	024 Budget Recreation Facilities Christina Lake	024 Actual Recreation Facilities Christina Lake	026 Budget Boundary Museum	026 Actual Boundary Museum
REVENUE				
Grants in lieu of taxes	\$ -	\$ 88	\$ -	\$ 69
Services provided to other governments	-	-	-	-
Sale of services	-	-	-	-
Other revenue	-	-	-	-
Transfers from:				
Electoral area tax levy	40,000	40,000	29,928	29,928
Member municipalities	-	-	-	-
Other governments	-	-	-	-
Reserve fund	-	-	-	-
Capital fund	-	3,520	-	-
Equity account	-	-	-	-
	<u>\$ 40,000</u>	<u>\$ 43,608</u>	<u>\$ 29,928</u>	<u>\$ 29,997</u>
EXPENSES				
Salaries and benefits	\$ -	\$ -	\$ -	\$ -
Office and supplies	-	-	-	-
Debt charges - principal	-	-	-	-
Debt charges - interest	-	-	-	-
Insurance	925	1,201	-	-
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	1,463	1,463	-	-
Utilities	-	-	-	-
Professional fees	-	-	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	-	-	-	-
Vehicle	-	-	-	-
Contracted services	-	-	30,000	30,000
Travel and training	-	-	-	-
Grants to other programs	48,416	25,138	-	-
Miscellaneous	-	-	-	-
Capital expenditures	-	-	-	-
Amortization	-	3,520	-	-
Transfers to:				
Reserve fund	3,500	3,500	-	-
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 54,304</u>	<u>\$ 34,822</u>	<u>\$ 30,000</u>	<u>\$ 30,000</u>
Excess revenue (expenditures)	\$ (14,304)	\$ 8,786	\$ (72)	\$ (3)
Surplus (deficit), beginning of year	14,304	14,304	72	72
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 23,090</u>	<u>\$ -</u>	<u>\$ 69</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

027 Budget Parks and Trails Area 'C'	027 Actual Parks and Trails Area 'C'	028 Budget Beaverdell Community Club	028 Actual Beaverdell Community Club	030 Budget Christina Lake Recreation	030 Actual Christina Lake Recreation
\$ 972	\$ 941	\$ -	\$ -	\$ 1,300	\$ 4,275
-	-	-	-	-	-
-	-	-	-	117,095	76,673
240,000	-	-	-	3,500	4,146
306,998	306,998	19,950	19,950	152,866	152,866
-	-	-	-	324,839	324,839
1,628,000	-	-	-	-	-
140,000	-	-	-	80,132	-
-	25,507	-	-	-	83,365
-	-	-	-	-	-
<u>\$ 2,315,970</u>	<u>\$ 333,446</u>	<u>\$ 19,950</u>	<u>\$ 19,950</u>	<u>\$ 679,732</u>	<u>\$ 646,164</u>
67,139	63,763	-	-	323,219	342,057
-	-	-	-	5,950	73
-	-	-	-	-	-
2,070	1,220	-	-	14,705	15,907
-	-	-	-	-	-
7,884	7,884	-	-	12,080	12,080
-	-	-	-	87,184	58,880
-	-	-	-	-	-
30,500	17,886	-	-	102,102	56,326
6,913	5,198	-	-	-	-
189,419	60,850	-	-	37,000	15,540
-	-	-	-	-	-
85,428	82,928	19,950	19,950	-	-
-	304	-	-	-	3,962
1,943,000	-	-	-	128,667	27,995
-	25,507	-	-	-	83,365
18,799	18,799	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
<u>\$ 2,351,152</u>	<u>\$ 284,339</u>	<u>\$ 19,950</u>	<u>\$ 19,950</u>	<u>\$ 710,907</u>	<u>\$ 616,185</u>
<u>\$ (35,182)</u>	<u>\$ 49,107</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (31,175)</u>	<u>\$ 29,979</u>
<u>35,182</u>	<u>34,710</u>	<u>-</u>	<u>-</u>	<u>31,175</u>	<u>31,422</u>
<u>\$ -</u>	<u>\$ 83,817</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 61,401</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	031 Budget Grand Forks Curling Rink	031 Actual Grand Forks Curling Rink	040 Budget Grand Forks Aquatic Centre	040 Actual Grand Forks Aquatic Centre
REVENUE				
Grants in lieu of taxes	\$ 137	\$ 259	\$ 2,000	\$ 5,720
Services provided to other governments	-	-	-	-
Sale of services	2,500	2,500	165,701	53,429
Other revenue	-	-	-	9,758
Transfers from:				
Electoral area tax levy	28,707	28,692	326,374	326,038
Member municipalities	15,043	15,058	415,256	415,592
Other governments	-	-	-	-
Reserve fund	-	-	-	-
Capital fund	-	37,409	-	75,325
Equity account	-	1,161	-	-
	<u>\$ 46,387</u>	<u>\$ 85,079</u>	<u>\$ 909,331</u>	<u>\$ 885,862</u>
EXPENSES				
Salaries and benefits	\$ -	\$ -	\$ 469,232	\$ 399,354
Office and supplies	-	-	6,622	10,182
Debt charges - principal	19,800	19,800	112,373	62,373
Debt charges - interest	749	644	50,530	43,766
Insurance	6,664	7,362	7,228	8,326
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	2,320	2,320	16,206	16,206
Utilities	-	-	112,295	97,709
Professional fees	-	-	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	12,916	7,740	55,181	30,959
Vehicle	-	-	-	-
Contracted services	-	-	33,782	30,702
Travel and training	-	-	-	-
Grants to other programs	-	-	-	-
Miscellaneous	-	-	-	1,321
Capital expenditures	-	-	116,667	28,111
Amortization	-	37,409	-	75,325
Transfers to:				
Reserve fund	891	2,052	-	-
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 43,340</u>	<u>\$ 77,327</u>	<u>\$ 980,116</u>	<u>\$ 804,334</u>
Excess revenue (expenditures)	\$ 3,047	\$ 7,752	\$ (70,785)	\$ 81,528
Surplus (deficit), beginning of year	(3,047)	(3,047)	70,785	68,824
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 4,705</u>	<u>\$ -</u>	<u>\$ 150,352</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

045 Budget Area 'D' Parks & Trails	045 Actual Area 'D' Parks & Trails	047 Budget Beaverdell Community Club	047 Actual Beaverdell Community Club	050 Budget Kootenay Boundary Regional Fire Rescue	050 Actual Kootenay Boundary Reg. Fire Rescue
\$ -	\$ 88	\$ -	\$ 10	\$ 508,086	\$ 510,753
-	-	-	-	16,028	21,496
-	-	-	-	12,900	12,900
82,500	-	-	-	7,765	4,300
46,122	46,122	5,294	5,294	1,080,303	973,108
-	-	-	-	2,600,959	2,708,154
50,000	-	-	-	51,976	27,892
-	5,315	-	1,950	-	392,269
-	-	-	-	70,000	67,768
<u>\$ 178,622</u>	<u>\$ 51,525</u>	<u>\$ 5,294</u>	<u>\$ 7,254</u>	<u>\$ 4,348,017</u>	<u>\$ 4,718,640</u>
-	-	-	-	2,833,083	2,727,290
-	-	-	-	35,356	18,311
-	-	-	-	397,058	399,128
-	-	-	-	30,217	20,575
798	864	1,484	1,608	44,993	46,488
-	-	-	-	-	-
1,463	1,463	1,463	1,463	120,583	120,583
-	-	1,282	1,354	97,284	59,319
-	-	-	-	5,000	-
-	-	-	-	-	-
-	-	-	-	319,640	272,519
-	-	-	-	81,364	85,450
32,960	26,092	5,000	1,000	-	-
-	-	-	-	270,255	146,156
10,000	-	-	-	-	-
22,500	5,256	1,000	-	10,000	5,100
120,000	10,800	-	-	121,976	95,659
-	5,315	-	1,950	-	392,269
18,000	18,000	-	-	359,870	359,870
-	-	-	-	-	-
-	-	-	-	-	-
<u>\$ 205,721</u>	<u>\$ 67,790</u>	<u>\$ 10,229</u>	<u>\$ 7,375</u>	<u>\$ 4,726,679</u>	<u>\$ 4,748,717</u>
<u>\$ (27,099)</u>	<u>\$ (16,265)</u>	<u>\$ (4,935)</u>	<u>\$ (121)</u>	<u>\$ (378,662)</u>	<u>\$ (30,077)</u>
<u>27,099</u>	<u>27,099</u>	<u>4,935</u>	<u>4,935</u>	<u>378,662</u>	<u>378,662</u>
<u>\$ -</u>	<u>\$ 10,834</u>	<u>\$ -</u>	<u>\$ 4,814</u>	<u>\$ -</u>	<u>\$ 348,585</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	051 Budget Christina Lake Fire Protection	051 Actual Christina Lake Fire Protection	053 Budget Beaverdell Fire Protection	053 Actual Beaverdell Fire Protection
REVENUE				
Grants in lieu of taxes	\$ 900	\$ 1,774	\$ -	\$ -
Services provided to other governments	-	-	-	-
Sale of services	-	-	-	-
Other revenue	100	27,589	-	22,899
Transfers from:				
Electoral area tax levy	538,506	538,506	61,573	61,573
Member municipalities	-	-	-	-
Other governments	-	-	-	-
Reserve fund	100,000	67,491	-	-
Capital fund	-	34,370	-	13,456
Equity account	200,000	-	-	-
	<u>\$ 839,506</u>	<u>\$ 669,730</u>	<u>\$ 61,573</u>	<u>\$ 97,928</u>
EXPENSES				
Salaries and benefits	\$ 216,862	\$ 220,706	\$ 1,500	\$ 633
Office and supplies	54,484	80,397	9,900	29,924
Debt charges - principal	36,702	17,479	5,163	5,163
Debt charges - interest	14,306	11,900	9,675	4,620
Insurance	37,212	30,031	6,629	5,627
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	14,723	14,723	1,463	1,463
Utilities	15,881	14,456	-	-
Professional fees	-	-	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	24,875	23,807	9,000	5,463
Vehicle	46,127	35,325	16,000	6,578
Contracted services	-	-	-	-
Travel and training	46,334	41,523	10,500	730
Grants to other programs	-	-	-	-
Miscellaneous	10,200	-	-	-
Capital expenditures	324,000	104,945	-	-
Amortization	-	34,370	-	13,456
Transfers to:				
Reserve fund	10,000	10,000	10,000	10,000
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 851,706</u>	<u>\$ 639,662</u>	<u>\$ 79,830</u>	<u>\$ 83,657</u>
Excess revenue (expenditures)	\$ (12,200)	\$ 30,068	\$ (18,257)	\$ 14,271
Surplus (deficit), beginning of year	12,200	12,173	18,257	18,257
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 42,241</u>	<u>\$ -</u>	<u>\$ 32,528</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

054 Budget Big White Fire Protection	054 Actual Big White Fire Protection	056 Budget Rural Greenwood Fire Protection	056 Actual Rural Greenwood Fire Protection	057 Budget Rural Grand Forks Fire Protection	057 Actual Rural Grand Forks Fire Protection
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 971
-	-	-	-	-	-
-	-	-	-	-	-
12,000	67,220	-	-	-	-
1,285,426	1,285,426	23,463	23,463	467,046	467,046
-	-	-	-	-	-
-	44,963	-	-	377,000	221,947
-	113,069	-	-	-	118,045
651,100	-	-	-	863,000	733,000
<u>\$ 1,948,526</u>	<u>\$ 1,510,678</u>	<u>\$ 23,463</u>	<u>\$ 23,463</u>	<u>\$ 1,707,046</u>	<u>\$ 1,541,009</u>
587,300	555,025	-	-	-	-
21,570	18,088	-	-	-	-
139,718	139,718	-	-	26,346	-
27,518	13,208	-	-	21,403	-
4,658	5,054	-	-	14,477	14,926
-	-	-	-	-	-
13,912	13,912	1,463	1,463	14,680	14,680
54,286	54,702	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
120,244	119,587	-	-	-	-
90,391	78,099	-	-	-	-
2,538	750	22,000	22,000	302,940	316,240
48,391	38,214	-	-	-	-
-	-	-	-	-	-
12,129	-	-	-	10,000	7,632
921,100	325,108	-	-	1,231,900	1,053,477
-	113,069	-	-	-	118,045
30,000	30,000	-	-	92,000	22,709
97,404	97,767	-	-	-	-
-	-	-	-	-	-
<u>\$ 2,171,159</u>	<u>\$ 1,602,301</u>	<u>\$ 23,463</u>	<u>\$ 23,463</u>	<u>\$ 1,713,746</u>	<u>\$ 1,547,709</u>
<u>\$ (222,633)</u>	<u>\$ (91,623)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (6,700)</u>	<u>\$ (6,700)</u>
<u>222,633</u>	<u>222,520</u>	<u>-</u>	<u>-</u>	<u>6,700</u>	<u>6,700</u>
<u>\$ -</u>	<u>\$ 130,897</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	058 Budget Kettle Valley Fire Protection	058 Actual Kettle Valley Fire Protection	064 Budget Big White Refuse Disposal	064 Actual Big White Refuse Disposal
REVENUE				
Grants in lieu of taxes	\$ -	\$ -	\$ -	\$ -
Services provided to other governments	-	-	-	-
Sale of services	-	-	-	-
Other revenue	-	-	-	-
Transfers from:				
Electoral area tax levy	155,728	150,978	271,055	271,055
Member municipalities	-	-	-	-
Other governments	-	-	-	-
Reserve fund	-	-	-	-
Capital fund	-	30,134	-	-
Equity account	-	-	-	-
	<u>\$ 155,728</u>	<u>\$ 181,112</u>	<u>\$ 271,055</u>	<u>\$ 271,055</u>
EXPENSES				
Salaries and benefits	\$ -	\$ -	\$ 7,933	\$ 7,488
Office and supplies	-	-	-	-
Debt charges - principal	23,140	23,139	10,000	10,000
Debt charges - interest	18,165	19,814	189	127
Insurance	2,312	2,117	789	855
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	5,306	5,306	5,665	5,665
Utilities	-	-	2,040	1,794
Professional fees	-	-	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	-	1,953	18,360	15,799
Vehicle	-	-	-	-
Contracted services	95,110	95,110	225,000	197,836
Travel and training	-	-	250	24
Grants to other programs	-	-	-	-
Miscellaneous	3,000	-	205	-
Capital expenditures	20,000	-	24,000	10,095
Amortization	-	30,134	-	-
Transfers to:				
Reserve fund	16,000	11,250	5,000	5,000
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 183,033</u>	<u>\$ 188,823</u>	<u>\$ 299,431</u>	<u>\$ 254,683</u>
Excess revenue (expenditures)	\$ (27,305)	\$ (7,711)	\$ (28,376)	\$ 16,372
Surplus (deficit), beginning of year	27,305	27,305	28,376	28,376
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 19,594</u>	<u>\$ -</u>	<u>\$ 44,748</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

065 Budget Area 'E' Parks & Trails	065 Actual Area 'E' Parks & Trails	070 Budget East End Animal Control	070 Actual East End Animal Control	071 Budget West End Animal Control	071 Actual West End Animal Control
\$ -	\$ 1	\$ 158	\$ 268	\$ 105	\$ 829
-	-	-	-	-	-
-	-	1,821	650	10,911	8,744
-	-	-	-	3,000	7,500
81,462	81,462	23,320	23,320	91,935	91,881
-	-	69,959	69,959	53,412	53,465
-	-	-	-	-	-
-	-	-	-	-	5,804
-	-	-	-	-	-
<u>\$ 81,462</u>	<u>\$ 81,463</u>	<u>\$ 95,258</u>	<u>\$ 94,197</u>	<u>\$ 159,363</u>	<u>\$ 168,223</u>
-	-	-	-	-	-
-	-	312	257	2,081	454
-	-	-	-	24,840	24,841
-	-	-	-	2,160	2,159
-	-	-	-	1,558	1,124
-	-	-	-	-	-
1,463	1,463	4,409	4,409	4,409	4,409
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	6,780	3,043
-	-	-	-	-	-
35,000	35,000	89,244	89,244	105,780	114,199
-	-	-	-	-	-
-	-	833	-	3,000	-
-	-	-	-	-	-
-	-	-	-	-	5,804
50,000	50,000	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
<u>\$ 86,463</u>	<u>\$ 86,463</u>	<u>\$ 94,798</u>	<u>\$ 93,910</u>	<u>\$ 150,608</u>	<u>\$ 156,033</u>
<u>\$ (5,001)</u>	<u>\$ (5,000)</u>	<u>\$ 460</u>	<u>\$ 287</u>	<u>\$ 8,755</u>	<u>\$ 12,190</u>
<u>5,001</u>	<u>5,001</u>	<u>(460)</u>	<u>(460)</u>	<u>(8,755)</u>	<u>(8,755)</u>
<u>\$ -</u>	<u>\$ 1</u>	<u>\$ -</u>	<u>\$ (173)</u>	<u>\$ -</u>	<u>\$ 3,435</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	074 Budget Big White Security Services	074 Actual Big White Security Services	075 Budget Big White Noise Control	075 Actual Big White Noise Control
REVENUE				
Grants in lieu of taxes	\$ 106	\$ -	\$ -	\$ -
Services provided to other governments	-	-	-	-
Sale of services	-	-	-	-
Other revenue	-	-	-	-
Transfers from:				
Electoral area tax levy	220,367	220,367	1,463	1,463
Member municipalities	-	-	-	-
Other governments	-	-	-	-
Reserve fund	-	-	-	-
Capital fund	-	-	-	-
Equity account	-	-	-	-
	<u>\$ 220,473</u>	<u>\$ 220,367</u>	<u>\$ 1,463</u>	<u>\$ 1,463</u>
EXPENSES				
Salaries and benefits	\$ 3,000	\$ 908	\$ -	\$ -
Office and supplies	-	-	-	-
Debt charges - principal	-	-	-	-
Debt charges - interest	-	-	-	-
Insurance	-	-	-	-
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	4,919	4,919	1,463	1,463
Utilities	-	-	-	-
Professional fees	-	-	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	-	-	-	-
Vehicle	-	-	-	-
Contracted services	216,802	212,703	-	-
Travel and training	-	-	-	-
Grants to other programs	-	-	-	-
Miscellaneous	9,000	4,000	-	-
Capital expenditures	-	-	-	-
Amortization	-	-	-	-
Transfers to:				
Reserve fund	-	-	-	-
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 233,721</u>	<u>\$ 222,530</u>	<u>\$ 1,463</u>	<u>\$ 1,463</u>
Excess revenue (expenditures)	\$ (13,248)	\$ (2,163)	\$ -	\$ -
Surplus (deficit), beginning of year	13,248	13,248	-	-
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 11,085</u>	<u>\$ -</u>	<u>\$ -</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

077 Budget Area 'C' Economic Development	077 Actual Area 'C' Economic Development	078 Budget Area 'D' & Grand Forks Economic Dev.	078 Actual Area 'D' & Grand Forks Economic Dev.	079 Budget Area 'E' Economic Development	079 Actual Area 'E' Economic Development
\$ -	\$ 244	\$ -	\$ 69	\$ -	\$ 1
-	-	-	-	-	-
-	-	-	-	-	-
79,776	79,776	4,440	5,332	36,812	36,812
-	-	5,648	4,756	-	-
-	-	-	-	-	-
-	-	-	-	-	-
<u>\$ 79,776</u>	<u>\$ 80,020</u>	<u>\$ 10,088</u>	<u>\$ 10,157</u>	<u>\$ 36,812</u>	<u>\$ 36,813</u>
-	-	-	-	-	-
91,000	77,500	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
1,463	1,463	1,463	1,463	1,463	1,463
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	30,000	-	40,000	40,000
-	-	-	-	-	-
58,000	63,443	-	-	-	-
-	-	-	-	-	-
-	-	25,000	25,000	-	-
-	-	-	-	-	-
<u>\$ 150,463</u>	<u>\$ 142,406</u>	<u>\$ 56,463</u>	<u>\$ 26,463</u>	<u>\$ 41,463</u>	<u>\$ 41,463</u>
<u>\$ (70,687)</u>	<u>\$ (62,386)</u>	<u>\$ (46,375)</u>	<u>\$ (16,306)</u>	<u>\$ (4,651)</u>	<u>\$ (4,650)</u>
<u>70,687</u>	<u>70,687</u>	<u>46,375</u>	<u>46,375</u>	<u>4,651</u>	<u>4,651</u>
<u>\$ -</u>	<u>\$ 8,301</u>	<u>\$ -</u>	<u>\$ 30,069</u>	<u>\$ -</u>	<u>\$ 1</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	080 Budget Mosquito Control Grand Forks & Area 'D'	080 Actual Mosquito Control Grand Forks & Area 'D'	081 Budget Mosquito Control Christina Lake	081 Actual Mosquito Control Christina Lake
REVENUE				
Grants in lieu of taxes	\$ -	\$ 504	\$ -	\$ 68
Services provided to other governments	-	-	-	-
Sale of services	-	-	-	-
Other revenue	-	-	-	-
Transfers from:				
Electoral area tax levy	29,460	29,461	22,299	22,299
Member municipalities	36,536	36,535	-	-
Other governments	-	-	-	-
Reserve fund	22,889	22,889	3,000	-
Capital fund	-	-	-	-
Equity account	-	-	-	-
	<u>\$ 88,885</u>	<u>\$ 89,389</u>	<u>\$ 25,299</u>	<u>\$ 22,367</u>
EXPENSES				
Salaries and benefits	\$ 8,221	\$ 8,231	\$ 1,423	\$ 1,425
Office and supplies	-	-	-	-
Debt charges - principal	-	-	-	-
Debt charges - interest	-	-	-	-
Insurance	-	-	-	-
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	3,331	3,331	2,075	2,075
Utilities	-	-	-	-
Professional fees	-	-	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	-	-	-	-
Vehicle	-	-	-	-
Contracted services	77,124	78,257	26,000	17,910
Travel and training	-	-	-	-
Grants to other programs	-	-	-	-
Miscellaneous	203	-	254	-
Capital expenditures	-	-	-	-
Amortization	-	-	-	-
Transfers to:				
Reserve fund	-	-	-	-
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 88,879</u>	<u>\$ 89,819</u>	<u>\$ 29,752</u>	<u>\$ 21,410</u>
Excess revenue (expenditures)	\$ 6	\$ (430)	\$ (4,453)	\$ 957
Surplus (deficit), beginning of year	(6)	(6)	4,453	4,453
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ (436)</u>	<u>\$ -</u>	<u>\$ 5,410</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

090 Budget Weed Control Area 'A'	090 Actual Weed Control Area 'A'	091 Budget Weed Control Christina Lake Milfoil	091 Actual Weed Control Christina Lake Milfoil	092 Budget Weed Control Area 'D' & Area 'E'	092 Actual Weed Control Area 'D' & Area 'E'
\$ 25	\$ 41	\$ 74	\$ 909	\$ 21	\$ 42
-	-	-	-	70,000	70,000
-	-	-	-	26,500	26,500
-	-	7,550	6,000	50	1,000
24,437	24,437	296,549	296,549	79,622	79,622
-	-	-	-	-	-
3,000	3,000	-	-	54,000	61,286
-	-	25,000	-	-	-
-	-	-	11,543	-	-
-	-	-	-	-	-
<u>\$ 27,462</u>	<u>\$ 27,478</u>	<u>\$ 329,173</u>	<u>\$ 315,001</u>	<u>\$ 230,193</u>	<u>\$ 238,450</u>
1,107	1,108	249,444	201,253	6,325	6,332
-	-	14,082	14,356	-	-
-	-	918	644	-	-
-	-	-	-	-	-
1,463	1,463	1,991	1,991	1,463	1,463
-	-	-	-	-	-
-	-	9,237	6,274	-	-
-	-	25,490	18,928	-	-
-	-	5,490	2,940	-	-
25,100	25,064	-	-	256,643	241,234
-	-	3,060	1,641	-	-
-	-	-	-	-	-
-	-	100	111	1,700	-
-	-	46,000	41,668	-	-
-	-	-	11,543	-	-
-	-	5,000	6,000	-	-
-	-	-	-	-	-
-	-	-	-	-	-
<u>\$ 27,670</u>	<u>\$ 27,635</u>	<u>\$ 360,812</u>	<u>\$ 307,349</u>	<u>\$ 266,131</u>	<u>\$ 249,029</u>
<u>\$ (208)</u>	<u>\$ (157)</u>	<u>\$ (31,639)</u>	<u>\$ 7,652</u>	<u>\$ (35,938)</u>	<u>\$ (10,579)</u>
<u>208</u>	<u>208</u>	<u>31,639</u>	<u>31,639</u>	<u>35,938</u>	<u>35,938</u>
<u>\$ -</u>	<u>\$ 51</u>	<u>\$ -</u>	<u>\$ 39,291</u>	<u>\$ -</u>	<u>\$ 25,359</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	101 Budget Big White Street Lighting	101 Actual Big White Street Lighting	103 Budget Beaverdell Street Lighting	103 Actual Beaverdell Street Lighting
REVENUE				
Grants in lieu of taxes	\$ -	\$ -	\$ -	\$ -
Services provided to other governments	-	-	-	-
Sale of services	-	-	-	-
Other revenue	-	-	-	-
Transfers from:				
Electoral area tax levy	26,444	26,444	2,854	2,854
Member municipalities	-	-	-	-
Other governments	-	-	-	-
Reserve fund	-	-	-	-
Capital fund	-	1,508	-	-
Equity account	-	-	-	-
	<u>\$ 26,444</u>	<u>\$ 27,952</u>	<u>\$ 2,854</u>	<u>\$ 2,854</u>
EXPENSES				
Salaries and benefits	\$ -	\$ -	\$ -	\$ -
Office and supplies	-	-	-	-
Debt charges - principal	-	-	-	-
Debt charges - interest	-	-	-	-
Insurance	-	-	-	-
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	1,463	1,463	-	-
Utilities	20,600	14,364	1,854	1,746
Professional fees	-	-	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	-	-	-	-
Vehicle	-	-	-	-
Contracted services	-	-	-	-
Travel and training	-	-	-	-
Grants to other programs	-	-	-	-
Miscellaneous	-	-	-	-
Capital expenditures	-	-	-	-
Amortization	-	1,508	-	-
Transfers to:				
Reserve fund	9,138	9,138	1,309	1,309
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 31,201</u>	<u>\$ 26,473</u>	<u>\$ 3,163</u>	<u>\$ 3,055</u>
Excess revenue (expenditures)	\$ (4,757)	\$ 1,479	\$ (309)	\$ (201)
Surplus (deficit), beginning of year	4,757	4,757	309	309
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 6,236</u>	<u>\$ -</u>	<u>\$ 108</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

120 Budget House Numbering Area 'A' & Area 'C'	120 Actual House Numbering Area 'A' & Area 'C'	121 Budget House Numbering Area 'D'	121 Actual House Numbering Area 'D'	122 Budget House Numbering Area 'B'	122 Actual House Numbering Area 'B'
\$ -	\$ 12	\$ -	\$ 6	\$ -	\$ 4
-	-	-	-	-	-
-	-	-	-	-	-
5,988	5,988	2,994	2,994	2,995	2,995
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
<u>\$ 5,988</u>	<u>\$ 6,000</u>	<u>\$ 2,994</u>	<u>\$ 3,000</u>	<u>\$ 2,995</u>	<u>\$ 2,999</u>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
4,500	4,500	2,250	2,250	2,250	2,250
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
1,500	1,500	750	750	750	750
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
<u>\$ 6,000</u>	<u>\$ 6,000</u>	<u>\$ 3,000</u>	<u>\$ 3,000</u>	<u>\$ 3,000</u>	<u>\$ 3,000</u>
<u>\$ (12)</u>	<u>\$ -</u>	<u>\$ (6)</u>	<u>\$ -</u>	<u>\$ (5)</u>	<u>\$ (1)</u>
<u>12</u>	<u>12</u>	<u>6</u>	<u>6</u>	<u>5</u>	<u>5</u>
<u>\$ -</u>	<u>\$ 12</u>	<u>\$ -</u>	<u>\$ 6</u>	<u>\$ -</u>	<u>\$ 4</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	123 Budget House Numbering Area 'E'	123 Actual House Numbering Area 'E'	140 Budget Grand Forks, Area 'C' & Area 'D' Library	140 Actual Grand Forks, Area 'C' & Area 'D' Library
REVENUE				
Grants in lieu of taxes	\$ -	\$ -	\$ 1,000	\$ 2,463
Services provided to other governments	-	-	-	-
Sale of services	-	-	-	-
Other revenue	-	-	-	-
Transfers from:				
Electoral area tax levy	3,000	3,000	273,074	272,927
Member municipalities	-	-	143,090	143,237
Other governments	-	-	-	-
Reserve fund	-	-	-	-
Capital fund	-	-	-	-
Equity account	-	-	-	-
	<u>\$ 3,000</u>	<u>\$ 3,000</u>	<u>\$ 417,164</u>	<u>\$ 418,627</u>
EXPENSES				
Salaries and benefits	\$ -	\$ -	\$ -	\$ -
Office and supplies	-	-	-	-
Debt charges - principal	-	-	-	-
Debt charges - interest	-	-	-	-
Insurance	-	-	-	-
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	-	-	4,022	4,022
Utilities	-	-	-	-
Professional fees	2,250	2,250	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	-	-	-	-
Vehicle	-	-	-	-
Contracted services	-	-	-	-
Travel and training	-	-	-	-
Grants to other programs	-	-	413,606	413,606
Miscellaneous	750	750	-	-
Capital expenditures	-	-	-	-
Amortization	-	-	-	-
Transfers to:				
Reserve fund	-	-	-	-
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 3,000</u>	<u>\$ 3,000</u>	<u>\$ 417,628</u>	<u>\$ 417,628</u>
Excess revenue (expenditures)	\$ -	\$ -	\$ (464)	\$ 999
Surplus (deficit), beginning of year	-	-	464	464
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,463</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

141 Budget House Numbering Area 'A' & Area 'C'	141 Actual House Numbering Area 'A' & Area 'C'	145 Budget Greenwood & Area 'E' Cemetery	145 Actual Greenwood & Area 'E' Cemetery	150 Budget East End Cemetery	150 Actual East End Cemetery
\$ -	\$ -	\$ -	\$ 1	\$ 999	\$ 1,731
-	-	-	-	-	-
-	-	-	-	-	-
3,750	3,750	18,059	18,057	173,952	156,685
-	-	2,304	2,306	418,809	436,075
-	-	10,000	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
<u>\$ 3,750</u>	<u>\$ 3,750</u>	<u>\$ 30,363</u>	<u>\$ 20,364</u>	<u>\$ 593,760</u>	<u>\$ 594,491</u>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	1,463	1,463	5,180	5,180
-	-	-	-	-	-
-	-	-	-	-	-
-	-	28,900	12,900	-	-
3,750	3,750	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	588,940	588,940
-	-	-	-	-	-
<u>\$ 3,750</u>	<u>\$ 3,750</u>	<u>\$ 30,363</u>	<u>\$ 14,363</u>	<u>\$ 594,120</u>	<u>\$ 594,120</u>
<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 6,001</u>	<u>\$ (360)</u>	<u>\$ 371</u>
<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 360</u>	<u>\$ 360</u>
<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 6,001</u>	<u>\$ -</u>	<u>\$ 731</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

	170 Budget Boundary Integrated Watershed	170 Actual Boundary Integrated Watershed
REVENUE		
Grants in lieu of taxes	\$ -	\$ 493
Services provided to other governments	-	-
Sale of services	-	-
Other revenue	120,000	145,908
Transfers from:		
Electoral area tax levy	116,077	116,267
Member municipalities	36,445	36,255
Other governments	-	-
Reserve fund	-	-
Capital fund	-	-
Equity account	-	-
	<u>\$ 272,522</u>	<u>\$ 298,923</u>
EXPENSES		
Salaries and benefits	\$ 113,733	\$ 114,682
Office and supplies	7,325	2,819
Debt charges - principal	-	-
Debt charges - interest	-	-
Insurance	-	-
Director remuneration and expenses	-	-
Board fee (recovery of)	1,463	1,463
Utilities	-	-
Professional fees	-	-
Equipment rentals	-	-
Repairs and maintenance	10,160	9,875
Vehicle	3,000	3,000
Contracted services	145,000	166,547
Travel and training	3,060	135
Grants to other programs	-	-
Miscellaneous	1,000	-
Capital expenditures	-	-
Amortization	-	-
Transfers to:		
Reserve fund	44,000	44,000
Other governments	-	-
Provision for landfill closure and post-closure	-	-
	<u>\$ 328,741</u>	<u>\$ 342,521</u>
Excess revenue (expenditures)	\$ (56,219)	\$ (43,598)
Surplus (deficit), beginning of year	56,219	55,825
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 12,227</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: GENERAL FUND

For the year ended December 31, 2020
(Unaudited)

Budget 2020 General Fund	Actual 2020 General Fund	Actual 2019 General Fund
\$ 1,835,133	\$ 1,943,370	\$ 1,845,355
336,028	271,856	484,426
3,727,451	3,512,159	3,973,420
2,165,816	1,929,044	1,842,971
11,727,449	11,463,646	10,728,371
7,353,862	7,612,913	7,198,699
2,187,730	871,213	1,771,574
2,349,376	858,340	907,319
-	1,765,165	1,718,782
1,970,100	987,928	2,515,055
<u>\$ 33,652,945</u>	<u>\$ 31,215,634</u>	<u>\$ 32,985,972</u>
11,703,654	11,172,308	10,931,949
609,808	490,017	485,083
971,772	848,832	330,450
290,004	249,233	224,713
328,732	318,444	266,613
598,352	472,309	544,130
(151,839)	(151,839)	(149,111)
759,453	588,936	623,128
485,757	435,160	434,860
62,813	41,170	43,762
1,979,792	1,656,953	1,537,244
377,823	324,300	348,308
4,723,923	4,554,651	5,055,773
607,691	300,030	460,547
2,215,462	1,633,384	1,881,396
391,317	235,724	172,413
6,513,170	2,936,025	3,381,326
-	1,765,165	1,718,782
2,218,212	2,029,940	1,113,712
1,275,596	1,275,960	1,033,958
240,787	240,627	235,950
<u>\$ 36,202,279</u>	<u>\$ 31,417,329</u>	<u>\$ 30,674,986</u>
<u>\$ (2,549,334)</u>	<u>\$ (201,695)</u>	<u>\$ 2,310,986</u>
<u>2,549,334</u>	<u>2,537,789</u>	<u>1,256,833</u>
<u>\$ -</u>	<u>\$ 2,336,094</u>	<u>\$ 3,567,819</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: WATER FUND

For the year ended December 31, 2020
(Unaudited)

	500 Budget Beaver Valley Water Supply	500 Actual Beaver Valley Water Supply	550 Budget Christina Lake Waterworks	550 Actual Christina Lake Waterworks
REVENUE				
Grants in lieu of taxes	\$ 464	\$ 437	\$ -	\$ -
Services provided to other governments	-	-	-	-
Sale of services	339,354	347,094	165,000	162,614
Other revenue	1,350,500	9,748	8,000	1,352
Transfers from:				
Electoral area tax levy	137,700	138,600	204,400	204,400
Member municipalities	-	-	-	-
Other governments	342,000	342,000	37,942	-
Reserve fund	203,436	-	14,033	-
Capital fund	-	242,498	-	96,685
Equity account	-	-	-	-
	<u>\$ 2,373,454</u>	<u>\$ 1,080,377</u>	<u>\$ 429,375</u>	<u>\$ 465,051</u>
EXPENSES				
Salaries and benefits	\$ 60,014	\$ 61,808	\$ 91,532	\$ 90,643
Office and supplies	-	-	-	-
Debt charges - principal	-	-	63,655	63,655
Debt charges - interest	-	-	20,433	20,432
Insurance	11,614	13,300	3,833	4,111
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	26,370	26,370	8,079	8,079
Utilities	3,170	2,894	24,000	19,795
Professional fees	-	-	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	343,007	337,438	31,580	56,119
Vehicle	1,820	1,820	4,020	2,198
Contracted services	22,519	13,621	-	-
Travel and training	-	-	5,150	1,528
Grants to other programs	-	-	-	-
Miscellaneous	22,302	34,979	-	1,882
Capital expenditures	2,033,000	47,735	71,975	-
Amortization	-	242,498	-	96,685
Transfers to:				
Reserve fund	83,875	83,875	105,039	99,848
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 2,607,691</u>	<u>\$ 866,338</u>	<u>\$ 429,296</u>	<u>\$ 464,975</u>
Excess revenue (expenditures)	\$ (234,237)	\$ 214,039	\$ 79	\$ 76
Surplus (deficit), beginning of year	234,237	234,237	(79)	(79)
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 448,276</u>	<u>\$ -</u>	<u>\$ (3)</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: WATER FUND

For the year ended December 31, 2020
(Unaudited)

600 Budget Columbia Gardens Water Supply	600 Actual Columbia Gardens Water Supply	650 Budget Rivervale Water Supply	650 Actual Rivervale Water Supply
\$ -	\$ -	\$ -	\$ -
-	-	-	-
5,314	5,120	174,046	174,444
10,000	10,000	-	-
12,706	12,706	-	-
-	-	-	-
15,050	5,540	-	-
6,064	-	13,617	4,500
-	52,754	-	16,510
-	-	-	-
<u>\$ 49,134</u>	<u>\$ 86,120</u>	<u>\$ 187,663</u>	<u>\$ 195,454</u>
-	-	112,463	90,906
-	-	-	-
-	-	7,211	7,273
-	-	220	158
8,671	9,408	843	913
-	-	-	-
2,264	2,264	8,075	8,075
7,803	7,368	3,526	2,430
15,000	6,080	2,500	-
-	-	-	-
7,283	1,637	22,950	27,183
-	-	7,775	962
13,012	10,854	-	-
-	-	-	-
-	-	-	-
-	-	7,100	6,789
-	-	15,000	-
-	52,754	-	16,510
-	-	42,033	42,033
-	-	-	-
-	-	-	-
<u>\$ 54,033</u>	<u>\$ 90,365</u>	<u>\$ 229,696</u>	<u>\$ 203,232</u>
<u>\$ (4,899)</u>	<u>\$ (4,245)</u>	<u>\$ (42,033)</u>	<u>\$ (7,778)</u>
<u>4,899</u>	<u>4,899</u>	<u>42,033</u>	<u>42,336</u>
<u>\$ -</u>	<u>\$ 654</u>	<u>\$ -</u>	<u>\$ 34,558</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: WATER FUND

For the year ended December 31, 2020
(Unaudited)

	Budget 2020 Water Fund	Actual 2020 Water Fund	Actual 2019 Water Fund
REVENUE			
Grants in lieu of taxes	\$ 464	\$ 437	\$ 453
Services provided to other governments	-	-	-
Sale of services	683,714	689,273	680,244
Other revenue	1,368,500	21,100	222,158
Transfers from:			
Electoral area tax levy	354,806	355,706	362,212
Member municipalities	-	-	-
Other governments	394,992	347,540	324,566
Reserve fund	237,150	4,500	1,751
Capital fund	-	408,448	409,552
Equity account	-	-	-
	<u>\$ 3,039,626</u>	<u>\$ 1,827,004</u>	<u>\$ 2,000,936</u>
EXPENSES			
Salaries and benefits	\$ 264,009	\$ 243,358	\$ 148,425
Office and supplies	-	-	-
Debt charges - principal	70,866	70,927	147,071
Debt charges - interest	20,653	20,590	34,145
Insurance	24,961	27,732	24,324
Director remuneration and expenses	-	-	-
Board fee (recovery of)	44,788	44,788	43,978
Utilities	38,499	32,487	36,309
Professional fees	17,500	6,080	32,838
Equipment rentals	-	-	-
Repairs and maintenance	404,820	422,377	479,398
Vehicle	13,615	4,980	11,384
Contracted services	35,531	24,475	38,006
Travel and training	5,150	1,528	4,455
Grants to other programs	-	-	-
Miscellaneous	29,402	43,650	8,630
Capital expenditures	2,119,975	47,735	124,736
Amortization	-	408,448	409,552
Transfers to:			
Reserve fund	230,947	225,756	137,383
Other governments	-	-	-
Provision for landfill closure and post-closure	-	-	-
	<u>\$ 3,320,716</u>	<u>\$ 1,624,911</u>	<u>\$ 1,680,634</u>
Excess revenue (expenditures)	\$ (281,090)	\$ 202,093	\$ 320,302
Surplus (deficit), beginning of year	281,090	281,393	83,105
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 483,486</u>	<u>\$ 403,407</u>

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Draft for Board Approval

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: SEWER FUND

For the year ended December 31, 2020
(Unaudited)

	700 Budget East End Regionalized Sewer	700 Actual East End Regionalized Sewer	800 Budget Oasis-Rivervale Sewer	800 Actual Oasis-Rivervale Sewer
REVENUE				
Grants in lieu of taxes	\$ 4,000	\$ 5,931	\$ -	\$ -
Services provided to other governments	-	-	-	-
Sale of services	-	-	30,517	30,109
Other revenue	41,274	25,468	-	-
Transfers from:				
Electoral area tax levy	-	-	30,535	30,535
Member municipalities	1,640,301	1,640,301	-	-
Other governments	-	-	-	-
Reserve fund	240,890	-	2,974	1,784
Capital fund	-	497,940	-	33,239
Equity account	-	-	-	-
	<u>\$ 1,926,465</u>	<u>\$ 2,169,640</u>	<u>\$ 64,026</u>	<u>\$ 95,667</u>
EXPENSES				
Salaries and benefits	\$ 471,041	\$ 385,059	\$ 9,286	\$ 9,286
Office and supplies	23,765	20,231	-	132
Debt charges - principal	184,854	184,853	-	-
Debt charges - interest	187,200	187,200	-	-
Insurance	22,710	26,710	1,668	1,807
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	47,999	47,999	5,376	5,376
Utilities	170,486	132,074	6,168	4,337
Professional fees	50,000	43,541	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	511,632	371,137	35,324	29,115
Vehicle	57,813	22,840	-	-
Contracted services	-	-	-	-
Travel and training	18,500	4,983	-	-
Grants to other programs	-	-	-	-
Miscellaneous	15,000	-	2,562	2,237
Capital expenditures	350,000	108,414	15,000	13,810
Amortization	-	497,940	-	33,239
Transfers to:				
Reserve fund	121,000	121,000	-	-
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 2,232,000</u>	<u>\$ 2,153,981</u>	<u>\$ 75,384</u>	<u>\$ 99,339</u>
Excess revenue (expenditures)	\$ (305,535)	\$ 15,659	\$ (11,358)	\$ (3,672)
Surplus (deficit), beginning of year	305,535	306,046	11,358	11,358
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 321,705</u>	<u>\$ -</u>	<u>\$ 7,686</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: SEWER FUND

For the year ended December 31, 2020
(Unaudited)

Budget 2020 Sewer Fund	Actual 2020 Sewer Fund	Actual 2019 Sewer Fund
\$ 4,000	\$ 5,931	\$ 6,300
-	-	-
30,516	30,109	30,104
41,274	25,468	58,748
30,535	30,535	30,534
1,640,301	1,640,301	1,624,011
-	-	160,943
243,864	1,784	86,880
-	531,179	535,589
-	-	-
<u>\$ 1,990,490</u>	<u>\$ 2,265,307</u>	<u>\$ 2,533,109</u>
480,327	394,345	418,922
23,765	20,363	33,527
184,854	184,853	184,853
187,200	187,200	187,200
24,378	28,517	23,684
-	-	-
53,375	53,375	52,414
176,654	136,411	132,238
50,000	43,541	78,724
-	-	-
546,956	400,252	398,402
57,813	22,840	30,058
-	-	-
18,500	4,983	12,376
-	-	-
17,562	2,238	2,282
365,000	122,224	325,396
-	531,179	535,589
121,000	121,000	8,281
-	-	-
-	-	-
<u>\$ 2,307,384</u>	<u>\$ 2,253,321</u>	<u>\$ 2,423,946</u>
<u>\$ (316,894)</u>	<u>\$ 11,986</u>	<u>\$ 109,163</u>
<u>316,894</u>	<u>317,405</u>	<u>235,039</u>
<u>\$ -</u>	<u>\$ 329,391</u>	<u>\$ 344,202</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: TRANSIT FUND

For the year ended December 31, 2020
(Unaudited)

	900 Budget East End Transit	900 Actual East End Transit	950 Budget Boundary Transit	950 Actual Boundary Transit
REVENUE				
Grants in lieu of taxes	\$ 2,800	\$ 3,329	\$ 100	\$ 282
Services provided to other governments	-	-	-	-
Sale of services	407,813	346,464	10,140	8,757
Other revenue	-	-	30,500	44,060
Transfers from:				
Electoral area tax levy	334,440	301,255	20,749	20,878
Member municipalities	805,204	838,389	22,828	22,699
Other governments	-	-	-	-
Reserve fund	111,884	6,945	-	-
Capital fund	-	-	-	-
Equity account	-	-	-	-
	<u>\$ 1,662,141</u>	<u>\$ 1,496,382</u>	<u>\$ 84,317</u>	<u>\$ 96,676</u>
EXPENSES				
Salaries and benefits	\$ -	\$ -	\$ -	\$ -
Office and supplies	-	-	-	-
Debt charges - principal	-	-	-	-
Debt charges - interest	-	-	-	-
Insurance	-	-	-	-
Director remuneration and expenses	-	-	-	-
Board fee (recovery of)	52,111	52,111	1,565	1,565
Utilities	1,505	1,219	-	-
Professional fees	-	-	-	-
Equipment rentals	-	-	-	-
Repairs and maintenance	-	-	-	-
Vehicle	-	-	-	-
Contracted services	1,627,678	1,071,921	85,738	58,951
Travel and training	-	-	-	-
Grants to other programs	-	-	-	-
Miscellaneous	96,242	22,111	3,500	-
Capital expenditures	-	-	-	-
Amortization	-	-	-	-
Transfers to:				
Reserve fund	-	-	-	-
Other governments	-	-	-	-
Provision for landfill closure and post-closure	-	-	-	-
	<u>\$ 1,777,536</u>	<u>\$ 1,147,362</u>	<u>\$ 90,803</u>	<u>\$ 60,516</u>
Excess revenue (expenditures)	\$ (115,395)	\$ 349,020	\$ (6,486)	\$ 36,160
Surplus (deficit), beginning of year	115,395	115,395	6,486	6,486
Surplus (deficit), end of year	<u>\$ -</u>	<u>\$ 464,415</u>	<u>\$ -</u>	<u>\$ 42,646</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

STATEMENT OF FINANCIAL ACTIVITIES: TRANSIT FUND

For the year ended December 31, 2020
(Unaudited)

Budget 2020 Transit Fund	Actual 2020 Transit Fund	Actual 2019 Transit Fund
\$ 2,900	\$ 3,611	\$ 3,800
-	-	-
417,953	355,222	470,726
30,500	44,060	36,678
355,189	322,133	327,428
828,032	861,088	859,695
-	-	-
111,884	6,945	-
-	-	-
-	-	-
<u>\$ 1,746,458</u>	<u>\$ 1,593,059</u>	<u>\$ 1,698,327</u>
-	-	-
-	-	-
-	-	-
-	-	-
53,676	53,676	52,719
1,505	1,219	1,308
-	-	-
-	-	-
-	-	-
1,713,416	1,130,872	1,577,310
-	-	-
99,742	22,111	542
-	-	-
-	-	-
-	-	-
<u>\$ 1,868,339</u>	<u>\$ 1,207,878</u>	<u>\$ 1,631,879</u>
<u>\$ (121,881)</u>	<u>\$ 385,181</u>	<u>\$ 66,448</u>
<u>121,881</u>	<u>121,880</u>	<u>68,889</u>
<u>\$ -</u>	<u>\$ 507,061</u>	<u>\$ 135,337</u>

THE CITY OF VICTORIA



OFFICE OF THE MAYOR

March 31, 2021

The Honourable Harry Bains
Minister of Labour
PO Box 9064, Stn Prov Govt
Victoria, BC V8W 9E2

Dear Minister Bains,

On behalf of Victoria City Council, I am writing today to request favourable consideration for the below motion passed at the March 11, 2021 Council meeting:

WHEREAS the covid pandemic has exacerbated existing inequalities and its social, health, and economic impacts are particularly devastating for women and racialized communities; and

WHEREAS the tourism and hospitality industries have been drastically impacted; and

WHEREAS of the 50 000 hotel workers that were laid off in March 2020, the majority are women and people of colour; and

WHEREAS the duration of the pandemic means that recall rights require extension; and

WHEREAS there are reports of hotels in British Columbia refusing to commit to bringing workers back to their jobs when business returns; and

WHEREAS the City of City of Victoria is committed to a COVID recovery plan that takes better care of people, the environment, and the community than the systems we had before the pandemic; and

WHEREAS the City of City of Victoria recognizes hotel workers and people who work in the tourism industry as valued and valuable members of our community;

THEREFORE, BE IT RESOLVED THAT the City of City of Victoria affirms that people should not lose their livelihoods due to the pandemic; and

.../2

1 Centennial Square Victoria British Columbia Canada V8W 1P6
Telephone (250) 361-0200 Fax (250) 361-0348 Email mayor@victoria.ca
www.victoria.ca

THAT the City of Victoria write to the Ministers of Labour and Tourism expressing our support for the right for laid off workers to return to their jobs when the pandemic eases; and

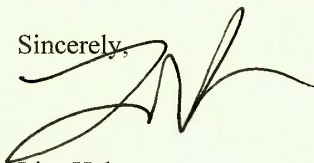
THAT this letter be forwarded to all BC municipalities asking to write their support; and

THAT the City of Victoria writes to the Association of Vancouver Island and Coastal Communities.

Though not expressly in the resolution, the intention of this motion was to write to both the Association of Vancouver Island and Coastal Communities and the Union of BC Municipalities, encouraging them to host future conferences and events in venues that respect worker rights and pay at least a living wage. A copy has been sent to both organizations.

Thank you for your time and consideration. Please do not hesitate to reach out should you have any questions regarding this letter.

Sincerely,



Lisa Helps
Victoria Mayor

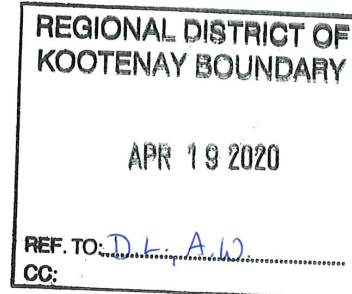
Cc: Honourable Melanie Mark, Minister of Tourism, Arts, Culture and Sport
The Association of Vancouver Island and Coastal Communities (AVICC)
The Union of British Columbia Municipalities (UBCM)

The City of Victoria recognizes the Songhees and Esquimalt Nations in whose traditional territories we live and work "Hay swx qa"



April 15, 2021

Chair Diane Langman
Regional District of Kootenay Boundary
202-843 Rossland Avenue
Trail, BC V1R 4S8



Dear Chair Langman:

Re: Provincial Response to 2020 Resolutions

UBCM has received the Province's response to your Board resolution(s) from 2020. Please find the enclosed resolution(s) and their provincial response(s).

Responses from the Province have been posted to the UBCM web site under Resolutions & Policy.

Please feel free to contact Jamee Justason, Resolutions and Policy Analyst, if you have any questions about this process.

Tel: 604.270.8226 ext. 100 Email: jjustason@ubcm.ca

Yours truly,

Brian Frenkel
UBCM President

Enclosure

2020 EB38 Ongoing Sustainable Grant Funding Model**Kootenay Boundary RD**

Whereas the Provincial government has an interest in local governments actively participating in, or delivering, many of its initiatives, priorities, and programs, and has developed a broad range of grant programs to provide funding assistance to local governments to facilitate such work;

And whereas grants provide a valuable source of revenue for capital projects and other major one-time expenditures, but discretionary grant programs constitute an insecure funding stream for on-going program work undertaken by local governments, such as emergency management and fire protection programs, requiring a significant administrative commitment relating to application submissions and financial reporting;

And whereas both local and the Provincial governments benefit from having more secure, less administratively onerous Provincial funding streams available to facilitate local government participation in Provincially supported programs, such as the existing, ongoing funding that is provided through annual operating agreements for BC Transit partnerships and Victim Services partnerships;

Therefore be it resolved that UBCM ask the provincial government to review its funding model to local governments to consider moving away from one-time, grant-based funding models for ongoing local government programs, such as emergency management and fire protection, to a more secure on-going and sustainable funding model based upon annual operating agreements in support of Provincial initiatives, priorities, and programs.

Convention Decision: **Endorsed**

Provincial Response***Ministry of Finance and Ministry of Municipal Affairs***

The Province of British Columbia is committed to providing local governments with reasonable funding flexibility and sustainability to ensure grant programs can be efficiently administered for the good of all British Columbians. The Province annually provides over \$100 million annually in unconditional grant funding to local governments across British Columbia. Unconditional grants are highly flexible as there are few or no constraints on how the money is spent. They are primarily operating grants for good governance and service provision.

The Province places more restrictions on grants that are earmarked for specific high-priority infrastructure projects. Many of these projects are expensive, publicly scrutinized and relate to issues of public health and environmental quality. Thus, these projects require a high level of oversight to ensure they are planned and constructed in a timely and appropriate manner in accordance with the conditions of a specific grant agreement. The Ministry of Municipal Affairs is open to discussing more flexibility in grant programs. However, this must be done in the context of addressing competing concerns such as project transparency, accountability and cost efficiency.



Electoral Area Services Committee

Minutes
Thursday, March 11, 2021
Via ZOOM video conference

Committee members present:

Director A. Grieve, Chair - Area A
Director L. Worley, Area B/Columbia-Old Glory
Director G. McGregor, Vice-Chair - Area C/Christina Lake
Director D. O'Donnell, Area D/Rural Grand Forks
Director V. Gee, Area E/West Boundary-Big White

Staff present:

M. Andison, Chief Administrative Officer
B. Ihlen, General Manager of Finance
D. Dean, Manager of Planning and Development
A. Winje, Manager of Corporate Administration
B. Rafuse, Bylaw Enforcement Officer
M. Forster, Executive Assistant
M. Ciardullo, Recording Secretary

Public present:

D. Goodfellow
G. Retterath
G. Fawley

CALL TO ORDER

Chair Grieve called the meeting to order at 10:31 a.m.

LAND ACKNOWLEDGEMENT

We acknowledge and appreciate that the land on which we gather is the converging, traditional and unceded territory of the Syilx, Secwepemc, Sinixt and Ktunaxa Peoples as well as the Metis Peoples whose footsteps have also marked these lands.

Electoral Area Services
March 11, 2021
Page 1 of 7

ACCEPTANCE OF AGENDA (ADDITIONS/DELETIONS)

March 11, 2021

Moved / Seconded

That the March 11, 2021 Electoral Area Services Agenda be adopted as amended.

Carried.

Item 8B moved ahead on the agenda after Item 4 Minutes
Item 11 'Closed Meeting' will be moved ahead after Item 8B

MINUTES

February 11, 2021

Moved / Seconded

That the February 11, 2021 Electoral Area Services meeting minutes be adopted as presented.

Carried.

ITEMS MOVED AHEAD ON THE AGENDA

Greg and Gail Fawley

RE: Development Variance Permit

1537 McIntyre Road, Electoral Area C/Christina Lake

RDKB File: C-317-02595.340

Moved / Seconded

That the Development Variance Permit application submitted by Gail Fawley and Gregory Fawley, for the property legally described as Lot 34, Plan KAP33117, District Lot 317, Similkameen Division of Yale Land District, Electoral Area C/Christina Lake be presented to the Regional District of Kootenay Boundary Board of Directors for consideration, with the following recommendations:

1. That the Regional Board deny the requested variance to Section 402.6 – Exterior Side Parcel Line Setback, to reduce the minimum accessory building exterior side parcel line setback from 4.5 m to 2.65 m – a variance of 1.85 m, in order allow the proposed siting of the accessory building containing the garage/storage area; and

Electoral Area Services

March 11, 2021

Page 2 of 7

2. That the Regional Board approve the requested variance to Section 402.6 – Front Parcel Line Setback, to reduce the minimum accessory building exterior side parcel line setback from 4.5 m to 2.75 m – a variance of 1.75 m, to allow for the electrical shed/storage space, with the following condition:
 - 2.1. The applicants submit an approved Highway Use Permit for the setback from the Ministry of Transportation and Infrastructure.

Carried.

CLOSED (IN CAMERA) SESSION

Commenced at 10:50 a.m.
Meeting Closed to the Public

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 basis identified in the following subsections:

- i. the receipt of advice that is subject to solicitor-client privilege, including communications necessary for that purpose;

Moved / Seconded

That the Electoral Area Services Committee proceed to a closed meeting pursuant to Sec. 90 (1)(i) of the *Community Charter*.

Carried.

The EAS regular meeting reconvened at 11:20 a.m.

DELEGATIONS

No delegations were in attendance.

UNFINISHED BUSINESS

Vehicle Removal Assistance

An update was provided by Brandy Rafuse, Bylaw Enforcement Officer, regarding her research on how we could encourage land owners to remove derelict vehicles from their property.

Bylaw Enforcement Potential for Municipal Partnerships

Donna Dean, Manager of Planning and Development, gave an update on potential partnerships.

Bylaw Enforcement File Summary

There were 110 active files up to February 28, 2021 which were broken down to complaint type and area.
The Committee requested monthly summaries.

Moved / Seconded

That the Bylaw Enforcement Summary be received.

Carried.

Draft New Board of Variance Bylaw

There was discussion regarding the difference between Board of Variance (BOV) applications and development variance permit applications and the challenges of recruiting members for the Boards of Variance.

Moved / Seconded

That the Board of Variance Bylaw No. 1750, 2021 be forwarded to the Regional District of Kootenay Boundary Board of Directors for consideration.

Carried.

NEW BUSINESS

Erin Lukkar

RE: Development Variance Permit

1115 King George Park Road, Electoral Area B/Lower Columbia-Old Glory
RDKB File: B-Twp9A-10926.100

Moved / Seconded

That the Development Variance Permit application submitted by Erin Lukkar, to vary Section 609.8 – Agricultural Resource 1 Zone Setbacks of the Electoral Area B/Lower Columbia-Old Glory Zoning Bylaw No. 1540, 2015 to decrease the required front parcel line setback for buildings and structures principal from 7.5 m to 4.5 m – a variance of 3 m, for the construction of a single family dwelling on the property legally described as Lot 1, Plan NEP6491, Township 9A, Kootenay Land District, Except Plan 18520, Electoral Area B/ Lower Columbia-Old Glory be presented to the Regional District of Kootenay Boundary Board of Directors for consideration, with a recommendation to approved, with the following conditions:

1. The applicant provide a certificate of location for the existing buildings and structures; and
2. The applicant provide a site plan that is to scale for the proposed setback variance.

Carried.

Waneta Expansion Power Corp

RE: Development Permit Amendment

Hwy 22, Electoral Area A
RDKB File: A-205A-00944.000

Moved / Seconded

That the staff report regarding the Industrial and Columbia Gardens Aquifer Development Permit application submitted by Matthew Tonner of Columbia Power Corporation, on behalf of Waneta Expansion Power Corporation for the parcels legally described as Lot 6A and Lot 7A, District Lot 205A, Kootenay Land District, Plan 800, Except Part included in Statutory Right of Way Plans 15510 and EPP60444, Electoral Area A, be received.

Carried.

Darren and Clare West

RE: Development Permit

Strata Lot 61, Electoral Area E/West Boundary-Big White
RDKB File: BW-4222-07500.905

Moved / Seconded

That the staff report regarding the Alpine Environmentally Sensitive Landscape Reclamation Development Permit application submitted by Shauna Wizinsky of Weninger Construction & Design, on behalf of Clare West and Darren West for the parcel legally described as Strata Lot 61, Plan KAS3134, District Lot 4222, Similkameen Division of Yale Land District, Big White, Electoral Area E/West Boundary, be received.

Carried.

Ronald and Tara Manson

RE: MOTI Subdivision

3041 East Lake Drive, Electoral Area C/Christina Lake
RDKB File: C-963-043610.000

Moved / Seconded

That the staff report regarding the Ministry of Transportation and Infrastructure referral for a proposed seven lot conventional subdivision, for the parcels legally described as Lot 1, Plan KAP6813, District Lot 963, Similkameen Division of Yale Land District, Except Plan 29141, located in Electoral Area C/Christina Lake be received;

And that staff communicate with the property owner that park dedication in the form of land or cash must be secured, to be determined by the Regional District, for this proposed subdivision to move forward.

Carried.

Grant in Aid Report

Moved / Seconded

That the Grant in Aid report be received.

Carried.

Electoral Area Services

March 11, 2021

Page 6 of 7

Page 6 of 7

LATE (EMERGENT) ITEMS

Director Gee would like staff to ask the province to send rail trail work permit referrals to RDKB. Staff will reach out to the lands branch and follow up with letter.

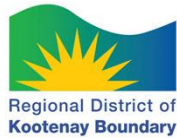
Director Gee expressed a desire to rename some parks and other public spaces using Indigenous names.

DISCUSSION OF ITEMS FOR FUTURE AGENDAS

There was no discussion.

ADJOURNMENT

There being no further business to discuss, Chair Grieve adjourned the meeting at 11:56 a.m.



Beaver Valley Regional Parks and Regional Trails Committee

**Minutes
Tuesday, March 16, 2021
ZOOM**

Committee members present:

Director A. Grieve, Chair, Area A
Director S. Morissette, Vice-Chair, Village of Fruitvale
Director M. Walsh, Village of Montrose

Staff present:

M. Daines, Manager of Facilities and Recreation
M. Forster, Executive Assistant/Recording Secretary
B. Ihlen, General Manager of Finance/CFO
F. Maika, Corporate Communications Officer
S. Spooner, Kootenay Columbia Trails Society
D. Swanson, Kootenay Columbia Trails Society

CALL TO ORDER

Committee Chair Grieve called the meeting to order at 8:30 am.

LAND ACKNOWLEDGEMENT

We acknowledge and appreciate that the land on which we gather is the converging, traditional and unceded territory of the Syilx, Secwepemc, Sinixt and Ktunaxa Peoples as well as the Metis Peoples whose footsteps have also marked these lands.

ACCEPTANCE OF THE AGENDA (additions/deletions)

The agenda for the March 16, 2021 Beaver Valley Regional Parks and Regional Trails Committee meeting was presented.

The agenda was amended by the addition of a discussion on the South Kootenay Green Link.

Moved / Seconded

That the agenda for the March 16, 2021 Beaver Valley Regional Parks and Regional Trails Committee be adopted as amended.

Carried.

ADOPTION OF MINUTES

The minutes from the January 20, 2021 and February 16, 2021, Beaver Valley Regional Parks and Regional Trails Committee meetings were presented.

Moved / Seconded

That the minutes from the January 20, 2021 and February 16, 2021 Beaver Valley Regional Parks and Regional Trails Committee meetings be adopted as presented.

Carried.

DELEGATIONS

Stewart Spooner, Kootenay Columbia Trails Society (KCTS)

Doug Swanson, KCTS

Re: KCTS Development in Rural Area A - Presentation

S. Spooner and D. Swanson attended the meeting to present the KCTS Annual Report for 2020. Discussion ensued on holding a public community meeting in the fall of 2021. Questions were answered regarding the South Kootenay Green Link connectivity, trail maintenance and expansion plans, and encouraging more public to volunteer for the Society. M. Daines, Manager of Facilities and Recreation, S. Spooner and D. Swanson will meet for a fulsome discussion around holding a community meeting for inviting feedback from the public and presenting options for trail development. They left the meeting at 9:03 am.

Director Grieve suggested adding a budget line for trail development for 2021 and beyond.

The June newsletter will have a page on existing trails in the Beaver Valley and a promo on a proposed community town hall meeting on September 21, 2021 at 7:00 pm regarding trail development in the Beaver Valley.

Moved / Seconded

That the Beaver Valley Regional Parks and Regional Trails Committee receive the information presented by the Kootenay Columbia Trails Society at the March 16, 2021 meeting.

Carried.

UNFINISHED BUSINESS**Director S. Morissette****Re: Discussion on South Kootenay Green Link**

Director Morissette invited discussion on the Green Link. M. Burgess will be invited to the next Committee meeting to discuss the Green Link connecting communities.

M. Daines, Manager of Facilities and Recreation**Re: Lease Agreement with BNSF Update**

The Committee was informed that S. Weatherford, Atco Lumber, has requested input from BNSF in regards to changes to the existing lease with the Village of Fruitvale. There has been no response received to date.

M. Daines, Manager of Facilities and Recreation**Re: Pump Park Update**

The Committee was informed that progress is being made on this project. Discussions have started around lease revisions. Staff has received concept designs for the park and is waiting for pricing to be attached to the designs, which will be presented to the Committee at a later date.

M. Daines, Manager of Facilities and Recreation**Re: MOU with Beaver Valley Pend d'Oreille Historical Society Update**

The Committee was informed that the proposed draft MOU is being reviewed by RDKB staff.

M. Daines, Manager of Facilities and Recreation**Re: Committee Action Items**

M. Daines reviewed the action items and highlighted completed projects.

Director A. Grieve**Re: Train Station Terms of Reference - Discussion**

Director Grieve requested that the draft TOR be circulated to the Committee and also presented to the Villages of Fruitvale and Montrose CAOs for comment.

Director A. Grieve
Re: CBT Conversation Update

Director Grieve informed the Committee of her recent meeting with CBT staff to discuss general funding for the proposed Train Station.

NEW BUSINESS

M. Daines, Manager of Facilities and Recreation
Re: 2021 Beaver Valley Recreation Summer Parks Program

A staff report from Mark Daines, Manager of Facilities and Recreation regarding a new plan to deliver the 2021 Beaver Valley Recreation Summer Parks Program.

The Committee was informed that the Beaver Valley reopening plan should coincide with those of local municipalities. The plan will follow Provincial government reopening guidelines.

Moved / Seconded

That the Beaver Valley Regional Parks and Regional Trails Committee receive the Summer Parks Program Return to Play Plan.

Carried.

Newsletter Additions

The June newsletter will include information on a fall community meeting regarding the replica train station project. The meeting is scheduled for April 20, 2021 at 6:00 pm.

CLOSED (IN CAMERA) SESSION

Proceed to a closed meeting.

Moved / Seconded

That the Beaver Valley Regional Parks and Regional Trails Committee convene to a closed meeting pursuant to Section 90 (1) (k) of the *Community Charter* at 9:40 am.

Carried.

The Beaver Valley Regional Parks and Regional Trails Committee reconvened to the open meeting at 9:46 am.

LATE (EMERGENT) ITEMS

There were no late (emergent) items.

DISCUSSION OF ITEMS FOR FUTURE MEETINGS

M. Burgess will be invited to the next Committee meeting to discuss the Green Link connecting communities.

QUESTION PERIOD FOR PUBLIC AND MEDIA

A question period for public and media was not required.

ADJOURNMENT

The meeting was adjourned at 9:54 am.



East End Services Committee

Minutes Tuesday, March 16, 2021 ZOOM

Committee members:

Director L. Worley, Chair - Area B/Columbia-Old Glory
Director A. Grieve, Vice-Chair - Area A
Director A. Morel, City of Rossland
Director R. Cacchioni, City of Trail
Director M. Walsh, Village of Montrose
Director S. Morissette, Village of Fruitvale
Alternate Director A. Parkinson, Village of Warfield

Staff present:

M. Andison, Chief Administrative Officer
M. Forster, Executive Assistant/Recording Secretary
J. Chandler, General Manager of Operations/Deputy CAO
B. Ihlen, General Manager of Finance/Deputy CFO
F. Maika, Corporate Communications Officer
J. Penny, Victims Services Coordinator
S. Spooner, Kootenay Columbia Trails Society
T. Grouette, LCIC
S. Wright, BC Transit

Call to Order

Committee Chair Worley called the meeting to order at 10:30 am.

Land Acknowledgement

We acknowledge and appreciate that the land on which we gather is the converging, traditional and unceded territory of the Syilx, Secwepemc, Sinixt and Ktunaxa Peoples as well as the Metis Peoples whose footsteps have also marked these lands.

Acceptance of the Agenda (additions/deletions)

The agenda for the March 16, 2021 East End Services Committee meeting was presented.

The agenda was amended by an addition to Old Business - Director Grieve: Columbia Basin Trust CIP Program.

Moved / Seconded

That the agenda for the March 16, 2021 East End Services Committee meeting be adopted as amended.

Carried.

Minutes

The minutes of the East End Services Committee meeting held on February 16, 2021 were presented.

Moved / Seconded

That the minutes of the East End Services Committee meeting held on February 16, 2021 be adopted as presented.

Carried.

Delegations

Stewart Spooner, Kootenay Columbia Trails Society (KCTS) Re: KCTS Development - Presentation

S. Spooner attended the meeting to present the KCTS Annual Report for 2020. He also provided a high-level review of current operations.

Moved / Seconded

That the East End Services Committee receive the information provided by the Kootenay Columbia Trails Society.

Carried.

Unfinished Business

Director A. Grieve Re: CBT CIP Program - Discussion

Director Grieve requested information around the CIP Program and whether funding recipients are reminded of the 2-year completion deadlines for projects funded through the Program. B. Ihlen, GM of Finance, will add a reminder letter to the CIP process.

New Business

T. Grouette, Executive Director, LCIC

Re: Update on Activities

T. Grouette attended the meeting and provided an update to current activities.

Discussion ensued on various topics including:

1. Commercial energy needs in the east end,
2. Tech mining in the region,
3. Updating land inventory in the Columbia Gardens Industrial Park,
4. I4C building occupancy, and
5. Benefits to having regular updates to the EES Committee.

Moved / Seconded

That the East End Services Committee receive the LCIC report from Tim Grouette, Executive Director on March 16, 2021.

Carried.

Seth Wright, Manager, Government Relations - BC Transit

Re: Update - Trail Exchange Project

Director R. Cacchioni - Bus Shelters Funding

S. Wright attended the meeting and provided the Committee with an update on the Trail transit exchange plan, project development process and the timeline and next steps. RDKB and BC Transit will work together to look at the funding model for the project.

J. Chandler, GM of Operations/Deputy CAO

For Review: East End Services Committee Terms of Reference (TOR)

J. Chandler provided a draft TOR for the East End Services Committee.

Directors provided comments and suggestions for specific wording in the TOR. Directors will send their comments and additions to all Committee members. Staff will incorporate the Directors' suggestions and changes and will bring back the amended ToR for the Committee's review at the next meeting.

Moved / Seconded

That the Regional District of Kootenay Boundary Board of Directors approve an amendment to the East End Services Committee Terms of Reference, adding to the list of Five Year Financial Plans the Committee is responsible for reviewing, the following:

- Regional Parks and Trails Service, Area 'B' - Lower Columbia / Old Glory (014); and
- Noxious Weed Control Specified Area 'A' - Columbia Gardens Services (090)

Carried.

Late (Emergent) Items

None

Discussion of Items for Future Agendas

1. East End Services Committee Terms of Reference

Question Period for Public and Media

A question period for public and media was not required.

Closed (In camera) Session

A closed (in camera) session was not required.

Adjournment

The meeting was adjourned at 12:12 pm.

3. ADOPTION OF AGENDA (ADDITIONS/DELETIONS)

Moved / Seconded:

The agenda for the Regional District of Kootenay Boundary Education and Advocacy Committee meeting of March 23, 2021 is adopted with the addition of:

1. pronunciation of Indigenous names in the RDKB's land acknowledgement statement.

Carried.

4. ADOPTION OF MINUTES

Moved / Seconded:

The minutes of the Education and Advocacy Committee meeting held February 17, 2021 were approved.

Carried.

5. CONSENT AGENDA

Moved / Seconded:

The Committee received the following items:

1. The email dated March 16, 2021 from E. Kerst, Executive Director, Trail and District Chamber of Commerce, providing an overview of the Chamber's high-level advocacy work.
2. The letter dated March 17, 2021 from L. Hall, Mayor of Prince George, to the Federal Minister of Health calling on it to implement a National Overdose Action Plan, is presented.

Carried.

6. GENERAL DELEGATIONS

None.

*Education & Advocacy Committee
Minute Minutes – March 23, 2021
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7. UNFINISHED BUSINESS

A. 2020 Resolution Referred to the UBCM Executive

Moved / Seconded:

That the letter dated February 26, 2021 from Brian Fenkel, UBCM President, advising that the RDKB's resolution on "Use of High Efficiency Electrical Appliances" be received.

Carried.

Moved / Seconded:

That staff review the RDKB's resolution on "Use of High Efficiency Electrical Appliances" and bring it back to a future Education and Advocacy Committee for discussion in preparation for submission to the UBCM for its 2021 convention.

Carried.

8. NEW BUSINESS

A. Support for Laid-off Hotel and Tourism Industry Workers

Moved / Seconded:

The letter dated March 5, 2021 from Mayor Cote, City of New Westminster, requesting the BC government to support laid-off hotel and tourism industry workers, was received.

Carried.

B. Endorsement of a National 3-digit Suicide Prevention Hotline

Moved / Seconded:

The letter dated March 10, 2021 from Mayor J. Ross, Mayor of Belcarra, to MP Nelly Shin advising of the village's endorsement of a national 3-digit suicide prevention hotline initiative, was received.

Carried.

Moved / Seconded:

The letter dated March 10, 2021 from Mayor C. Fraser, Mayor of Spallumcheen, to MP Nelly Shin advising of the township's endorsement of a national 3-digit suicide prevention hotline initiative, was received.

Carried.

C. Meetings with Ministers (UBCM and otherwise)

Moved / Seconded:

That staff be directed to advise Richard Cannings, MP that the Board wishes to discuss the following items when he attends the March 31, 2021 RDKB Board meeting: proposed 1% wealth tax; the state of long term care facilities; and invasive aquatic species.

Carried.

Moved / Seconded:

That the Board direct staff to arrange a meeting with the provincial Ministry of Finance to discuss the proposed 1% wealth tax.

Carried.

Moved / Seconded:

That the Board direct staff to arrange a meeting with the provincial Ministry of Health to discuss the state of long term care facilities.

Carried.

Moved / Seconded:

That the Board direct staff to arrange a meeting with the Ministry of Environment to discuss the issue of invasive plants and other species in our water bodies.

Carried.

Moved / Seconded:

That the Board direct staff to arrange a meeting with the Ministry of Education to discuss the need for increased library funding.

Carried.

D. Meetings with MLAs

Discussion ensued around arranging quarterly meetings with MLAs to discuss local issues.

Moved / Seconded:

That Board Directors be requested to submit issues they wish to discuss with their MLAs to staff.

Carried.

9. Committee Terms of Reference

Moved / Seconded:

That review and discussion of the Committee's Terms of Reference be deferred to a future Committee meeting.

Carried.

Committee members were encouraged to send their suggested changes to the Corporate Officer and the other Committee members in advance of the meeting.

Moved / Seconded:

That Committee Terms of Reference be included in the agenda of the first committee meeting of each new cycle for members' information.

Carried.

Moved / Seconded:

That each Committee review its Terms of Reference annually.

Carried.

10. Next Meeting

Moved / Seconded:

That Board members be encouraged to practice pronouncing the names of the Indigenous groups in the RDKB's land acknowledgement statement.

Carried.

11. LATE (EMERGENT) ITEMS

None.

12. DISCUSSION OF ITEMS FOR FUTURE MEETINGS

A discussion around lobbying the Provincial government for medical and dental health coverage for elected officials (for October meeting).

13. QUESTION PERIOD FOR PUBLIC AND MEDIA

Guest Director Korolek had questions around Committees' Terms of Reference.

14. CLOSED (IN CAMERA) SESSION

None.

15. Next Meeting

To be determined: either April or May, 2021.

16. ADJOURNMENT

There being no further business, the meeting adjourned at 11:25 a.m.



Grand Forks & District Recreation Commission
Thursday, March 11, 2021
8:45 AM
Zoom Electronic Meeting
Minutes

Commission Members Present:

Bob MacLean
 Cheryl Ahrens
 Chris Moslin
 Danna O'Donnell
 Jaime Massey
 Susan Routley

Absent:

Staff Present:

Paul Keys
 Melina Van Hoogevest

Others Attending:

Laura Lewis
 Darryl Funk

1. Call to Order

- 1.a) Vice Chairperson, B. MacLean, called the meeting to order at 8:46am

2. Land Acknowledgment

- 2.a) We acknowledge and appreciate that the land on which we gather is the converging, traditional and unceded territory of the Okanagan and Secwepemc Peoples as well as the Metis Peoples whose footsteps have also marked these lands.

3. Consideration of the Agenda (additions/deletions)

- 3.a) The agenda for the March 11, 2021 Grand Forks & District Recreation Commission meeting was presented.

The agenda was amended with the addition of an Election of Officers; 6.c) Commission Member Appointment – Laura Lewis and Unfinished Business; 7.c) Thank you Cards for Previous Commission Members and it was;

18-21 Moved: Jaime Massey Seconded: Susan Routley

That the Agenda for the March 11, 2021 Grand Forks & District Recreation Commission meeting be adopted as amended.

Carried

4. Draft Minutes

- 4.a)** The draft minutes of the Grand Forks & District Recreation Commission meeting held on February 11, 2021 was presented and it was;

19-21 Moved: Cheryl Ahrens Seconded: Jaime Massey

That the draft minutes for the Grand Forks & District Recreation Commission meeting held on February 11, 2021 be adopted as presented.

Carried

5. Delegations

- 5.a)** Darryl Funk, Chief Engineer, Jack Goddard Arena
A written Staff Report was included in the agenda package and staff followed up with a verbal report on operations at the Jack Goddard Arena, focusing on specific energy saving measures taken during the Covid-19 era to save on utilities.

6. Election of Officers

- 6.a)** The Commission at its first meeting in each year shall elect a Chair and Vice Chair person as per attached Bylaw No. 927.
- Recreation Commission Appointment - amended January 2021 Staff Report

Vice Chairperson, B. MacLean, asked if there was a member who would like to serve as a Chairperson.

C. Moslin asked Vice Chairperson, B. MacLean, to reconsider allowing his name to stand for Chairperson.

B. MacLean allowed his name to stand for Chairperson as he sees a new purpose with the possible revisions of Bylaw No. 927 and the need for recreation outside of the Aquatic Centre and Jack Goddard Arena.

The Grand Forks & District Recreation Commission Members recommend that B. MacLean serve as Chairperson on the Grand Forks & District Recreation Commission and it was;

20-21 Moved: Chris Moslin Seconded: Cheryl Ahrens

That B. MacLean serve as Chairperson on the Grand Forks & District Recreation Commission.

Carried

Chairperson, B. MacLean, asked if there was a Member who would like to serve as Vice Chairperson.

J. Massey asked S. Routley to reconsider allowing her name to stand for Vice Chairperson.

S. Routley said she would allow her name to stand.

The Grand Forks & District Recreation Commission Members recommend that S. Routley serve as Vice Chairperson on the Grand Forks & District Recreation Commission and it was;

21-21 Moved: Jaime Massey Seconded: Cheryl Ahrens

That S. Routley serve as Vice Chairperson on the Grand Forks & District Recreation Commission.

Carried

6.b) Commission Member Appointment – Danna O'Donnell

The Grand Forks & District Recreation Commission Members recommend that D. O'Donnell serve as a Member at Large on the Grand Forks & District Recreation Commission and it was;

22-21 Moved: Jaime Massey Seconded: Susan Routley

That D. O'Donnell serve as a Member at Large on the Grand Forks & District Recreation Commission.

Carried

6.c) Commission Member Appointment – Laura Lewis

The Grand Forks & District Recreation Commission Members recommend that L. Lewis serve as a Member at Large on the Grand Forks & District Recreation Commission and it was;

23-21 Moved: Jaime Massey Seconded: Susan Routley

That L. Lewis serve as a Member at Large on the Grand Forks & District Recreation Commission.

Carried

7. Unfinished Business**7.a) Recruitment of Commission Members – Staff Report**

A written Staff Report was included in the agenda package and staff followed up with a verbal report.

Staff reached out to facility user groups following the last Recreation Commission meeting seeking new members. Those groups contacted include Minor Hockey, Skating Club, Piranhas Swim Club, and the Grand Forks Curling Club.

7.b) Bylaw Number 927 Review – Staff Report

A written Staff Report was included in the agenda package and staff followed up with a verbal report.

Following the February 2021 Recreation Commission, and discussions at the table of the need to review Bylaw No. 927, Staff enquired as to the process for bylaw review on behalf of the Recreation Commission. It was found that in order to formally review the bylaw, the Recreation Commission would need the support of the Boundary Services Committee. With that in mind, Commission members unanimously passed the following motion via email:

The Grand Forks Recreation Commission agrees to review and update the terms of reference for the Grand Forks Recreation Commission as detailed in RDKB Bylaw number 927 and it was;

24-21

Moved: Cheryl Ahrens

Seconded: Chris Moslin

That the Grand Forks Recreation Commission agree to review and update the terms of reference for the Grand Forks Recreation Commission as detailed in RDKB Bylaw number 927.

Carried

This motion was taken to the Boundary Services Committee on March 3, 2021 where Boundary Services agreed to support the Grand Forks Recreation Commission in their review of the terms of reference.

Staff recommends that a sub-committee of the Grand Forks and District Recreation Commission be formed with Members B. MacLean, S. Routley, C. Moslin and D. O Donnell to work with RDKB staff and other members of the community as invited by the sub-committee to assist in the review and update of the terms of reference for the Grand Forks Recreation Commission as detailed in RDKB Bylaw number 927 and it was;

25-21

Moved: Susan Routley

Seconded: Chris Moslin

That a sub-committee of the Grand Forks and District Recreation Commission be formed with Members B. MacLean, S. Routley, C. Moslin and D. O Donnell to

work with RDKB staff and other members of the community as invited by the sub-committee to assist in the review and update of the terms of reference for the Grand Forks Recreation Commission as detailed in RDKB Bylaw number 927.

Carried

7.c) Thank you Cards for Previous Commission Members

Former Recreation Commission Members received a thank you card and a small gift of courtesy passes to the aquatic centre and/or arena.

8. New Business

8.a) There was no new business to consider.

9. Communications-Information Only

9.a) There was no communications for information to present.

10. Reports

10.a) Financial Reports

- Awaiting approval from the RDKB Board of Directors Meeting held on March 10, 2021.

10.b) Supervisor Reports

The following Supervisor Reports for the month of February 2021 were presented:

- Aquatic Maintenance Coordinator
- Aquatic Program Coordinator
- Arena Maintenance Chief Engineer
- Recreation Program Services Supervisor

The Supervisor Reports for the March 11, 2021 Grand Forks & District Recreation Commission meeting were presented and it was;

26-21 Moved: Danna O Donnell Seconded: Chris Moslin

That the Supervisor Reports for the March 11, 2021 Grand Forks & District Recreation Commission meeting be adopted as presented.

Carried

11. Round Table**11.a) School District #51**

Strategic Plan facilitators, Jane and Lisa, have compiled a 'Dream Team' of seventeen members, not including trustees or senior management. On February 16th, the School District held a board presentation for staff, families and the community as well as individual schools hosting their World Cafés. On February 23rd, educational partners held a presentation for the board where they were connected with the BDTA president, CUPE President, Aboriginal Education and Student Services. The second enrolment count (1701 student data collection) for 2020/21 was done on February 12th and uploaded to the verification software on February 19th. The School District does not get any additional funding for increased school-age/adult enrolment based on this data collection, however, they do receive a half year of funding for any changes in numbers for students with unique special needs. There was an overall increase of 21 students across the district. Enrolment projections for the next 3 school years were also submitted to the Ministry of Education in February. Projections continue to indicate a decline in enrolment as they graduate cohorts between 90 - 100 students, and welcome kindergarten cohorts between 70 - 80 students. Acting superintendent Anna Lautard has said that the mental health of students and staff is taken very seriously by both the Ministry of Education and School District #51 and they are continually improving and adding to the current programs and connections in an effort to best support students and district staff.

11.b) Library and Arts Societies (Culture)

No report submitted.

11.c) City Council

C. Moslin, reported that the preparation of the budget is still in progress and is going well. It was also reported that due to a lack of dollars and time the City of Grand Forks will be selling the homes they own without relocating them as stated previously. Customers of these newly purchased homes will have to have them moved. Capital projects will be taking place within the next eighteen months including the Storm Water Works on Riverside Drive which will begin in August 2021 and the Trail Dyke from City Park to the Highways Bridge that will begin in the winter of 2021. All new dykes will be bike friendly with a 5-6 meter width on the trail and ramps will be located at entrance and exit points. There will be a public meeting scheduled in April to show the conceptual designs for the projects. City Council is putting forward efforts for year round shelter for the homeless population in Grand Forks. As part of the Rogers Brooks plans, the local trail kiosks continue to be updated with the new trail map. The new trail map pamphlets are going to print and will be distributed throughout the community for free. Discover Grand Forks is holding a community contest and is accepting submissions of creative unique bike racks to place in the downtown area. Market Avenue will be closed to vehicles for a period of time this summer, but will allow foot and bike traffic.

- 11.d) Community Members at Large**
No reports provided.

12. Late (Emergent) Items

- 12.a)** Subcommittee Meeting Date
A meeting for the review of Bylaw 927 was scheduled for March 19th at 9:00am.

13. Discussion of Items for Future Meetings

- 13.a)** The subcommittee report from the review of Bylaw 927 meeting will be presented in April's Agenda package for review.

14. Question Period for Public and Media

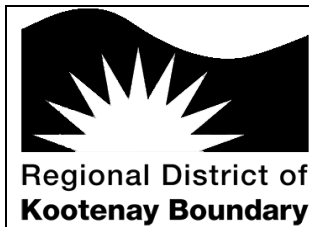
There weren't any questions from the public or media.

15. Adjournment

The next scheduled meeting will be held on April 8, 2021. There being no further business to discuss, the meeting was adjourned (time: 8:45am).

Melina Van Hoogevest,
Recording Secretary

Bob MacLean,
Chairperson



ELECTORAL AREA D/RURAL GRAND FORKS
ADVISORY PLANNING COMMISSION
MINUTES TEMPLATE

Tuesday, April 6, 2021 via zoom, commencing at 7:00 p.m.

PRESENT: Kathy Hutton, Brian Noble, Della Mallette, John Thomas

ABSENT: Lynn Bleiler

RDKB DIRECTOR: Danna O'Donnell

RDKB STAFF:

GUESTS:

1. CALL TO ORDER

The meeting was called to order at _7:02_____ p.m.

2. ADOPTION OF AGENDA (Additions/Deletions)

Recommendation: That the April 6, 2021 Electoral Area 'D'/Rural Grand Forks Advisory Planning Commission Agenda be adopted.

Moved by: John seconded by Della Approved

3. MINUTES

Recommendation: That the March 2, 2021 Electoral Area 'D'/Rural Grand Forks Advisory Planning Commission Minutes be adopted.

Della requested that she be recused on the agenda item

Moved by Deb seconded by John Approved

4. DELEGATIONS :None

5. OLD BUSINESS/UPDATES TO APPLICATIONS AND REFERRALS

6. NEW BUSINESS

BC Timber Sales

RE: Operating Plan 16

RDKB File: B-54

Discussion/Observations:

Moved by Brian Noble Seconded by John Thomas that the report, Operating Plan 16, be postponed so APC can obtain clarification on:

Definition of Other Reserves, Road permits versus forestry service roads.

In addition concerns were expressed regarding the number of actual roads that exist and what considerations there are regarding de-activation of any of the existing roads.

Further, what level of strip clear cutting within Granby Park exists and what future clear cutting is expected.

Approved

Recommendation:

It was moved, seconded and resolved that the APC recommend to the Regional District that the referral be: *(Select one of the following options)*

1. Supported (with stated reasons if appropriate):
2. Supported with conditions (state the conditions):
3. Not Supported (with stated reasons if appropriate):
4. Postponed to (date) for the following reasons:

7. FOR INFORMATION

8. DISCUSSION

9. ADJOURNMENT

Moved by Della that the meeting be adjourned



ELECTORAL AREA E/WEST BOUNDARY
ADVISORY PLANNING COMMISSION
MINUTES

Monday, April 5, 2021 via Zoom video-conference commencing at 6:00 p.m.

PRESENT: Florence Hewer, Lynne Storm, Jamie Haynes, Grant Harfman,
Stewart Dobson

ABSENT with Michael Fenwick-Wilson
notification

Absent without Dave Anderson
notification

RDKB DIRECTOR: Vicki Gee (minute taker)

RDKB STAFF:

GUEST:

1. **CALL TO ORDER** The meeting was called to order at 6:07 pm.

Director Gee explained that Fred Marshall notified her and some other members of the APC that he was stepping back for 6 months. She asked Jamie to chair the meeting. She introduced everyone to new member Stuart Dobson, from Christian Valley.

2. **ADOPTION OF AGENDA**

Recommendation: That the April 5, 2021 Electoral Area E/West Boundary Planning Commission Agenda be adopted as presented.

3. **ADOPTION OF MINUTES**

Recommendation: That the February 1, 2021 Electoral Area E/West Boundary Planning Commission Minutes be adopted as presented. Moved by Flo, seconded by Grant; CARRIED.

Electoral Area E/West Boundary APC Minutes
 April 5, 2021
 Page 1 of 5

4. DELEGATIONS No delegations

5. UPDATES TO APPLICATIONS AND REFERRALS None

There were no updates, but members would like an update on the status of the Powder Renegade Lodge application and the subdivision application on Hwy 33 at the base of the switchbacks. It was noted that roads and wells are going in for the latter application.

6. NEW BUSINESS

- a. Rudolf & Christine Elischer**
RE: Development Permit
 RDKB File: MB-100s-01400.305

Discussion/Observations:

The application was discussed and there were no concerns expressed.

Recommendation:

It was moved by Flo, seconded by Lynne and resolved that the APC recommends to the Regional District that the application be Supported. CARRIED

- b. Protech Consulting**
RE: MOTI Subdivision
 RDKB File: E-1322-04733.040

Discussion/Observations:

There is no zoning in this area.

The current house is located near where the owners logged on another property.

There was a fairly large piece yet after subdivision.

Concerns about the Flood Plain will be addressed during Building Permit stage if an application is made.

Recommendation:

It was moved by Lynne, seconded by Flo and resolved that the APC recommends to the Regional District that the referral be Supported. CARRIED

c. Riverdell Adventures Inc.
RE: LCRB
 RDKB File: E-3307-07141.060

Discussion/Observations:

This should be opened to the public for comment.

Director Gee said that the RDKB has the option of holding a public hearing in these instances.

There was concern that if there were events that not all the patrons would be staying at the campsite.

It was noted that the name of the applicant was spelled incorrectly on the Food Primary Licence Application Form.

There were questions about liquor licensing:

- How many licences you can have in an area?
- Can you sell the licence (i.e. does it remain with the property)?

Recommendation:

It was moved by Grant, seconded Flo and resolved that the APC recommends to the Regional District that the referral be Supported with conditions, that approval be based on local support. CARRIED

d. Allan & Evelyn Uphill
RE: ALC Subdivision
 RDKB File: E-2704-06737.500

Discussion/Observations:

APC members couldn't tell from the maps where the subdivision would be.

There was discussion about access road and creek crossing. There is a logging road at east end of the property that crosses the creek.

Recommendation:

It was moved by Stuart, seconded by Grant and resolved that the APC recommends to the Regional District that the referral be Not Supported at this time until clearer information is provided.

e. BC Timber Sales
RE: Operating Plan 16
 RDKB File: B-54

Discussion/Observations:

There was general discussion about logging and regulations, that it was a highly regulated industry but there isn't a lot of enforcement.

There was discussion about where this referral sits in the process. BCTS seems to be listening to our comments and is consulting more frequently in the process. At this stage there is firmer knowledge of cut blocks.

We observe that data is provided that shows the stage in development of the cut blocks. We acknowledge that intent is shown to keep most cut block sizes below 40 ha or to do partial cuts. We appreciate what BCTS is doing here.

Our concerns at this stage are more about the new roads.

There was discussion about who makes the decision about which roads remain permanent and which are scheduled for deactivation.

There was acknowledgement that more information about road segments was provided. However, it wasn't clear how much of the 110 km of new road would be deactivated.

We weren't sure what the different Road Types meant.

There was agreement that we should invite BCTS to another meeting to gain better understanding. It's been a long time since we last met with them.

We've heard rumours that they are running out of money for deactivation.

Director Gee shared information about the work that Tara DeCourcy (District Manager) is doing with a committee working on road deactivation issues.

Recommendation:

It was moved by Stuart, seconded by Grant and resolved that the APC recommends to the Regional District that the referral be Supported with the condition that the proponent follows protocols for road deactivation upon completion of harvesting and planting. CARRIED

7. FOR INFORMATION**8. FOR DISCUSSION**

Director Gee discussed a conversation she had with a Grand Forks resident who has been working on a Crown Lease proposal for the same area that Powder Renegade Lodge applied for. They were waiting for the current, inactive lease to expire. They were told by Front Counter BC that applications are considered in the sequence of application and that they wouldn't go on to the next application until/unless the current one was assessed and not approved. There was discussion about how this process works, and that it may be in the public interest to have a process that evaluated all the opportunities for an area so that the best one could be selected.

Director Gee also shared that MFLNRORD is considering dividing its Ministry. That might be a good time to evaluate crown tenure application and approval process.

9. ADJOURNMENT



**ELECTORAL AREA E/WEST BOUNDARY
(BIG WHITE)**

ADVISORY PLANNING COMMISSION

MINUTES

Tuesday, April 6, 2021 via zoom, commencing at 1609.
Minutes taken by: John LeBrun.

PRESENT: John LeBrun, Paul Sulyma and Rachelle Hawk.
ABSENT: Anastasia Byrne and Peter Hutchinson.
RDKB DIRECTOR: Vicki Gee
RDKB STAFF: None
GUESTS: Carolina Montani.

1. CALL TO ORDER

The meeting was called to order at 1609.

2. ADOPTION OF AGENDA (Additions/Deletions)

Recommendation: That the April 6, 2021 Electoral Area E/West Boundary (Big White) Advisory Planning Commission Agenda be adopted.

Motion to adopt by Rachelle seconded by Paul **ADOPTED**

3. ADOPTION OF MINUTES

Recommendation: That the March 2nd 2021 Electoral Area E/West Boundary (Big White) Advisory Planning Commission Minutes be adopted.

Motion to adopt by John seconded by Paul **ADOPTED**

4. DELEGATIONS. None

5. UPDATED APPLICATIONS AND REFERRALS. None

Electoral Area E/West Boundary (Big White) APC Minutes
April 6, 2021, 2021
Page 1 of 3

6. NEW BUSINESS

A. Brad Pfenning, Matt Kinnear and Tom Szabadi.

RE: Development Permit

RDBK File: BW-4222-07500.835

Discussion/Observations:

There was nothing for discussions or observations.

Recommendation:

It was moved by John, seconded by Paul and resolved that the APC recommends to the Regional District that the Development Permit BW-4222-07500.835 be;

Supported without comment.

B. Adyna Investments Ltd.

RE: Development Permit

RDKB File: BW-4111-07500.720

Discussion/Observations:

There was nothing for discussions or observations.

Recommendation:

It was moved by Rachelle, seconded by Paul and resolved that the APC recommends to the Regional District that the Development Permit BW-4111-07500.720 be;

Supported without comment.

C. Dave Kotler and Trisha Mackle

RE: Development Permit

RDKB File: BW-4111-07500.840

Discussion/Observations:

There was nothing for discussions or observations.

Recommendation:

It was moved Rachelle, seconded by Paul and resolved that the APC recommends to the Regional District that the Development Permit BW-4111-07500.840 be;

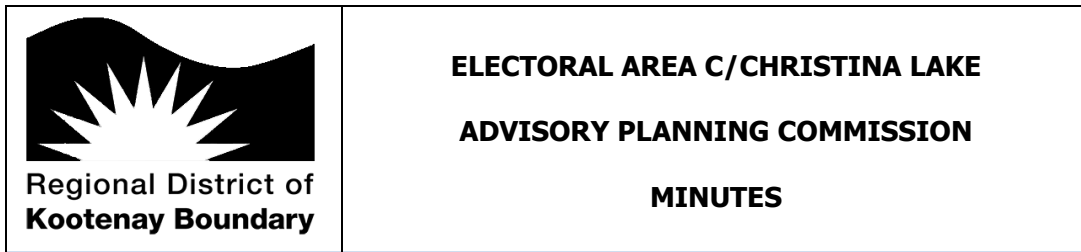
Supported without comment

7. **FOR DISCUSSION** Nothing

8. **FOR INFORMATION** Nothing

9. **ADJOURNMENT**

It was moved and seconded that the meeting be adjourned at 1621.



Tuesday, April 6, 2021 via Zoom online meeting, commencing at 7:00 p.m.

PRESENT: Peter Darbyshire, Phil Mody, Dave Bartlett, Jeff Olsen,
Jason Patrick Taylor, Annie Rioux, Jessica Coleman,
Butch Bisaro, Leanne Keys

ABSENT:

RDKB DIRECTOR: Grace McGregor

**ALTERNATE DIRECTOR &
RECORDING SECRETARY:** Donna Wilchynski

RDKB STAFF:

GUESTS: Mike Peterson

1. CALL TO ORDER

The meeting was called to order at 7:02 p.m.

2. ADOPTION OF AGENDA (Additions/Deletions)

Discussion/Observations:

That the agenda be amended as follows:

Corrections:

Peterson (679-21V) Staff Report for C-963-04239.370 should be dated April 6th
Bobocel (682-21D) Staff report for C-498-02995.020 (Bobocell Commercial Development
Permit 682-21D) states it is from Danielle Patterson, Planner but the report should state

that it is from Donna Dean, Manager of Planning and Development. Also corrected was the applicant's last name spelled wrong on the agenda.

Addition:

Add the election of APC Chair as the current chair has stepped down after the agenda adoption.

MOVED, SECONDED AND RESOLVED

That the April 6, 2021 Electoral Area C/Christina Lake Advisory Planning Commission Agenda be adopted as amended.

2.1 ELECTION OF CHAIR

Jessica Coleman was nominated and accepted the position of APC Chair
Annie Rouix was nominated and accepted the position of APC Vice-Chair

3. ADOPTION OF MINUTES

MOVED, SECONDED AND RESOLVED

That the March 2, 2021 Electoral Area C/Christina Lake Advisory Planning Commission Meeting Minutes be adopted as presented.

4. DELEGATIONS

5. OLD BUSINESS & UPDATES TO APPLICATIONS AND REFERRALS

6. NEW BUSINESS

- a. Michael & Chrissy Peterson**
RE: Development Variance Permit
RDKB File: C-963-04239.370

Discussion/Observations:

APC asked how is water being distributed? Owner Mike Peterson was present and answered owners have to put their own well on the property, depths vary between on average 200 to 400 feet.

MOVED, SECONDED AND RESOLVED:

That the APC recommend to the Regional District that the application be supported.

- b. Daniel & Holly Anne Benson**
RE: Development Permit
RDKB File: C-970-04361.000

MOVED, SECONDED AND RESOLVED:

That the APC recommend to the Regional District that the application be supported.

- c. Chris & Liz Popoff**
RE: Development Permit
RDKB File: C-317-00299.010

Discussion/Observations:

Who owns the property? Agenda shows owners name (Popoff), application shows numbered company.

APC wanted to note this plan is against OCP with regard to required length away from septic field and type two system would be preferred, however, engineer report outlines system has been inspected. APC has concerns of seepage of existing septic system however realize the engineer report will take precedence in this regard.

- d. Tara Bobocel**
RE: Development Permit
RDKB File: C-498-02995.020

Discussion/Observations:

Please note the following correction for the APC staff report for C-498-02995.020 (Bobocell Commercial Development Permit 682-21D):

The staff report states it is from Danielle Patterson, Planner but the report should state that it is from Donna Dean, Manager of Planning and Development.

It was noted by the APC that the owners last name was spelled wrong on the agenda. APC noted that the secondary suite must be used for commercial purposes. One APC member recalls information from previous owner that there was to be no living quarters in the storage building. APC would like this researched out. Also concerned about enough water to service the building and how this will be resolved.

MOVED, SECONDED AND RESOLVED:

That the APC recommend to the Regional District that the application be supported however APC would like the research done about the storage building (not being allowed a residence, was there a covenant to this?), and would like applicant to ensure there will be enough water to service the development.

e. BC Timber Sales

RE: Operating Plan 16

RDKB File: B-54

Discussion/Observations

Forestry application for information only. In reference to logging within the Christina Lake watershed there is always concerns about best practices, APC would like an agent to attend when hearing these applications.

7. FOR INFORMATION

8. DISCUSSION

9. ADJOURNMENT

It was moved and seconded that the meeting be adjourned at 8:02



April 21, 2021

Regional District of Kootenay Boundary
202-843 Rossland Avenue
Trail, BC V1R 4S8

ISSUED FOR USE
FILE: 704-SWM.SWOP04249-01
Via Email: esmanager@rdkb.com

Attention: Janine Dougall
General Manager of Environmental Services

Subject: Bid Review and Recommendation
Regional District of Kootenay Boundary
Organics Diversion Expansion Projects – Grand Forks

1.0 INTRODUCTION

Tetra Tech Canada Inc. (Tetra Tech) is pleased to present the Regional District of Kootenay Boundary (RDKB) with a summary of results of Request for Tender (RFT) #2021-ES-GFOF Grand Forks Organics Facility and Other Works, Grand Forks Landfill site, Grand Forks, BC, that closed at 3:00 p.m. PST on Friday April 16, 2021. The following summary of the tender results is based upon evaluation of Bid Requirements outlined in Section 1-2.9 to Section 1-2.12, and the submitted Schedule of Prices.

2.0 SUMMARY OF RESULTS

Tenders were received from five bidders. Four tenders were submitted by hard copy submission to Tetra Tech's Vancouver Office and one tender was submitted by email to the Representative. All tenders and bid amendments were received by Tender Closing at 3:00 p.m. PST on April 16, 2021. Four of the submitted tenders were received from bidders who attended the optional site meeting held on Tuesday, March 30, at the Grand Forks Landfill. Five Addenda were issued in response to questions and inquiries from bidders and a mandatory requirement of the tender was acknowledging all Addenda.

Tenders were opened at the Closing Date and Opening Time of 3:30 p.m. PST on Friday, April 16, 2021, with Tetra Tech and RDKB staff present via video call for opening. Bidder company names and Total Bid Price including amendments were recorded during the opening. The Total Tender Amount calculated by each bidder was recorded in meeting minutes which are included in Appendix B.

Subsequent to the initial tender opening, Tetra Tech reviewed all tenders to ensure that they met the mandatory requirements of the RFT. Tetra Tech also confirmed physical receipt of Bid Bonds and Consent of Surety which were required to be submitted with the Tender Packages.

2.1 Mandatory Requirements

Compliance with mandatory requirements is outlined in Table 2-1: Mandatory Tender Requirements. As shown, one bidder did not meet the mandatory criteria of submitting a hard copy of their bid package to Tetra Tech's Vancouver Office. All other bidders met all mandatory criteria.

Tetra Tech Canada Inc.
Suite 1000 – 10th Floor, 885 Dunsmuir Street
Vancouver, BC V6C 1N5 CANADA
Tel 604.685.0275 Fax 604.684.6241

Table 2-1: Mandatory Tender Requirements

Consent of Surety	Carver Construction Ltd.	Bronag Contracting Ltd.	Luxton Construction Inc.	Argosy Construction Group Inc.	Marwest Industries Ltd.
Hard-Copy Submission	Yes	No	Yes	Yes	Yes
Signed and Sealed Bid Bond	Yes	Yes	Yes	Yes	Yes
Consent of Surety	Yes	Yes	Yes	Yes	Yes
Schedule of Prices	Yes	Yes	Yes	Yes*	Yes
Tenderer's Information Sheet	Yes	Yes	Yes	Yes	Yes
Proposed Supervisory Personnel	Yes	Yes	Yes	Yes	Yes
Schedule of Force Account Rates	Yes	Yes	Yes	Yes	Yes
Statement of Equipment	Yes	Yes	Yes	Yes	Yes
2-1.9 Experience in Similar Work	Yes	Yes	Yes	Yes	Yes
Statement of Manufacturers and Suppliers	Yes	Yes	Yes	Yes	Yes

* Submitted bid amendment does not specify changes to individual unit rates.

2.2 Comparison of Bids

Tetra Tech has reviewed the submitted Schedule of Prices and Amendments; a comparison of bids is shown in Table 2-2.

Table 2-2: Prices of Bids Submitted by Bidders for Grand Forks Organics Facility

Bidders	Calculated Price (Including GST)	Calculated Price (Excluding GST)	Calculated Price of Provisional Items (Excluding GST)	Rank
Carver Construction Ltd.	\$2,520,117.39	\$ 2,400,111.80	\$ 73,040.00	3 rd
Bronag Contracting Ltd.	\$2,896,234.49	\$ 2,758,318.56	\$ 72,811.20	5 th
Luxton Construction Inc.	\$2,603,554.74	\$ 2,479,575.94	\$ 65,140.00	4 th
Argosy Construction Group Inc.	\$2,134,690.75	\$ 2,033,038.81	\$ 40,858.40	2 nd
Marwest Industries Ltd.	\$1,954,367.10	\$ 1,861,302.00	\$ 35,790.00	1 st

Note – The Calculated price is based on Tetra Tech's calculation of the total price for all items (including provisional items) based on multiplying the listed unit rate by the estimated quantity. Tetra Tech made various minor corrections to total item prices calculated by bidders. In most cases these corrections were less than \$500 per bidder.f



3.0 RECOMMENDATION

As shown in Table 2-1 and Table 2-2, the tender submitted by Marwest Industries Ltd. met all mandatory requirements and was the lowest total bid price including or excluding provisional items. Tetra Tech recommends that the tender RFT # 2021-ES-GFOF be awarded to Marwest Industries Ltd.

Tetra Tech recommends that the Regional District of Kootenay Boundary Board of Directors consider allocating a construction contingency fund in the amount equivalent to 10% of the total contract amount.

4.0 LIMITATIONS OF REPORT

This report and its contents are intended for the sole use of Regional District of Kootenay Boundary and their agents. Tetra Tech Canada Inc. (operating as Tetra Tech) does not accept any responsibility for the accuracy of any of the data, the analysis, or the recommendations contained or referenced in the report when the report is used or relied upon by any Party other than Regional District of Kootenay Boundary, or for any Project other than the proposed development at the subject site. Any such unauthorized use of this report is at the sole risk of the user.

5.0 CLOSURE

We trust this document meets your present requirements. If you have any questions or comments, please contact the undersigned.

Respectfully submitted,
Tetra Tech Canada Inc.

FILE: 704-SWM.SWOP04249-01
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Prepared by:
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Attachments: Appendix A – Limitations on the use of this Document
Appendix B – Tender Opening Minutes

BID REVIEW AND RECOMMENDATION
FILE: 704-SWM.SWOP04249-01 | APRIL 2021 | ISSUED FOR USE

APPENDIX A

LIMITATIONS ON THE USE OF THIS DOCUMENT

LIMITATIONS ON USE OF THIS DOCUMENT

GEOENVIRONMENTAL

1.1 USE OF DOCUMENT AND OWNERSHIP

This document pertains to a specific site, a specific development, and a specific scope of work. The document may include plans, drawings, profiles and other supporting documents that collectively constitute the document (the "Professional Document").

The Professional Document is intended for the sole use of TETRA TECH's Client (the "Client") as specifically identified in the TETRA TECH Services Agreement or other Contractual Agreement entered into with the Client (either of which is termed the "Contract" herein). TETRA TECH does not accept any responsibility for the accuracy of any of the data, analyses, recommendations or other contents of the Professional Document when it is used or relied upon by any party other than the Client, unless authorized in writing by TETRA TECH.

Any unauthorized use of the Professional Document is at the sole risk of the user. TETRA TECH accepts no responsibility whatsoever for any loss or damage where such loss or damage is alleged to be or, is in fact, caused by the unauthorized use of the Professional Document.

Where TETRA TECH has expressly authorized the use of the Professional Document by a third party (an "Authorized Party"), consideration for such authorization is the Authorized Party's acceptance of these Limitations on Use of this Document as well as any limitations on liability contained in the Contract with the Client (all of which is collectively termed the "Limitations on Liability"). The Authorized Party should carefully review both these Limitations on Use of this Document and the Contract prior to making any use of the Professional Document. Any use made of the Professional Document by an Authorized Party constitutes the Authorized Party's express acceptance of, and agreement to, the Limitations on Liability.

The Professional Document and any other form or type of data or documents generated by TETRA TECH during the performance of the work are TETRA TECH's professional work product and shall remain the copyright property of TETRA TECH.

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1.2 ALTERNATIVE DOCUMENT FORMAT

Where TETRA TECH submits electronic file and/or hard copy versions of the Professional Document or any drawings or other project-related documents and deliverables (collectively termed TETRA TECH's "Instruments of Professional Service"), only the signed and/or sealed versions shall be considered final. The original signed and/or sealed electronic file and/or hard copy version archived by TETRA TECH shall be deemed to be the original. TETRA TECH will archive a protected digital copy of the original signed and/or sealed version for a period of 10 years.

Both electronic file and/or hard copy versions of TETRA TECH's Instruments of Professional Service shall not, under any circumstances, be altered by any party except TETRA TECH. TETRA TECH's Instruments of Professional Service will be used only and exactly as submitted by TETRA TECH.

Electronic files submitted by TETRA TECH have been prepared and submitted using specific software and hardware systems. TETRA TECH makes no representation about the compatibility of these files with the Client's current or future software and hardware systems.

1.3 STANDARD OF CARE

Services performed by TETRA TECH for the Professional Document have been conducted in accordance with the Contract, in a manner

consistent with the level of skill ordinarily exercised by members of the profession currently practicing under similar conditions in the jurisdiction in which the services are provided. Professional judgment has been applied in developing the conclusions and/or recommendations provided in this Professional Document. No warranty or guarantee, express or implied, is made concerning the test results, comments, recommendations, or any other portion of the Professional Document.

If any error or omission is detected by the Client or an Authorized Party, the error or omission must be immediately brought to the attention of TETRA TECH.

1.4 DISCLOSURE OF INFORMATION BY CLIENT

The Client acknowledges that it has fully cooperated with TETRA TECH with respect to the provision of all available information on the past, present, and proposed conditions on the site, including historical information respecting the use of the site. The Client further acknowledges that in order for TETRA TECH to properly provide the services contracted for in the Contract, TETRA TECH has relied upon the Client with respect to both the full disclosure and accuracy of any such information.

1.5 INFORMATION PROVIDED TO TETRA TECH BY OTHERS

During the performance of the work and the preparation of this Professional Document, TETRA TECH may have relied on information provided by persons other than the Client.

While TETRA TECH endeavours to verify the accuracy of such information, TETRA TECH accepts no responsibility for the accuracy or the reliability of such information even where inaccurate or unreliable information impacts any recommendations, design or other deliverables and causes the Client or an Authorized Party loss or damage.

1.6 GENERAL LIMITATIONS OF DOCUMENT

This Professional Document is based solely on the conditions presented and the data available to TETRA TECH at the time the data were collected in the field or gathered from available databases.

The Client, and any Authorized Party, acknowledges that the Professional Document is based on limited data and that the conclusions, opinions, and recommendations contained in the Professional Document are the result of the application of professional judgment to such limited data.

The Professional Document is not applicable to any other sites, nor should it be relied upon for types of development other than those to which it refers. Any variation from the site conditions present, or variation in assumed conditions which might form the basis of design or recommendations as outlined in this report, at or on the development proposed as of the date of the Professional Document requires a supplementary investigation and assessment.

TETRA TECH is neither qualified to, nor is it making, any recommendations with respect to the purchase, sale, investment or development of the property, the decisions on which are the sole responsibility of the Client.

1.7 NOTIFICATION OF AUTHORITIES

In certain instances, the discovery of hazardous substances or conditions and materials may require that regulatory agencies and other persons be informed and the client agrees that notification to such bodies or persons as required may be done by TETRA TECH in its reasonably exercised discretion.

BID REVIEW AND RECOMMENDATION
FILE: 704-SWM.SWOP04249-01 | APRIL 2021 | ISSUED FOR USE

APPENDIX B

TENDER OPENING MINUTES



MINUTES

GRAND FORKS ORGANICS FACILITY AND OTHER WORKS – TENDER SUBMISSION OPENING

MEETING TIME: 3:30 PM Pacific Time
LOCATION: Tetra Tech Vancouver Office
ATTENDEES: Jeremy Reid – Tetra Tech
 Monica Wallani – Tetra Tech
 Janine Dougall – RDKB

DATE: April 16, 2021
FILE: 704-SWM.SWOP04249-01

ABSENT:

All price inc GST(5)

1.0 TENDER SUBMISSIONS	
Bidder Company Name	Total Bid Price
Carver Construction Ltd. – Received April 16, 2021	\$ 2,520,117.39
Argosy Construction Ltd. – Received April 16, 2021	\$ 2,464,690.77
Bid Amendment Received April 16, 2021	\$ 330,000.00
Bid Total	\$ 2,134,690.77
Marwest Industries Ltd. – Received April 15, 2021	\$ 1,724,614.50
Bid Amendment Received April 16, 2021	+ \$ 229,752.60
Bid Total	\$ 1,954,367.10
Bronag Contracting Ltd. – Received April 16, 2021	\$ 2,896,280.79
Luxton Construction Inc. – Received April 16, 2021	\$ 2,603,554.74

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STAFF REPORT

Date: 29 April 2021
To: **Chair Langman and Board of Directors**
From: Janine Dougall, General Manager of Environmental Services
Re: Organics Diversion Expansion Project – Grand Forks – Organics Facility Construction Works Recommendation to Award Contract

File ES – Solid Waste

Issue Introduction

A Staff report from Janine Dougall, General Manager of Environmental Services regarding the results from the procurement process for the construction and installation of supplied materials associated with the Organics Diversion Expansion Project – Grand Forks.

History/Background Factors

The intention of this project is to upgrade the composting operation at the Grand Forks Landfill to expand the RDKB's organics processing capacity to include food waste materials from the ICI sector throughout the Boundary region and initiate food waste collection for residents from the City of Greenwood. The upgraded facility will primarily process food waste, wood and yard & garden waste but also biosolids from the City of Grand Forks. The facility will create a Class A product for use in landscaping, erosion control, and agricultural applications throughout the RDKB.

This project has been funded in part by the Government of Canada and the Province of British Columbia through the Low Carbon Economy Leadership Fund - Organics Infrastructure Program. As such project procurement and expenditures as well as reporting structures must meet grant program requirements.

The supply of the membrane covered composting technology is a critical path activity, and therefore a procurement process was completed for the equipment in advance of the general construction contract. This component of the project work was awarded to Sustainable Generation LLC in August 2020, and included the decision to move

forward with a 5 bunker design rather than a 4 bunker design for the active composting areas.

Throughout the remainder of 2020 and early 2021, engineering design for the general construction works and tender document development was completed. The tender documents were issued on BC Bid on March 12, 2021. The tender opportunity was also advertised on the RDKB website. The closing date for submission of tender bids was April 16, 2021. The scope of work includes the construction and installation of an asphalt pad, concrete bunkers and aeration equipment, leachate collection piping and underground storage tank, three-walled receiving building with concrete foundation, and a surface water pond.

Implications

Prior to the closing date and time, a total of 5 submissions were received. A tender "opening" was conducted using digital means, which allowed interested bidders to be present while still meeting Covid-19 protocols. No bidders attended the tender opening.

Following the tender opening, Tetra Tech Ltd. reviewed all received bids to ensure compliance with mandatory requirements and then completed an evaluation. A recommendation to award has been provided by Tetra Tech Ltd. The document provided is attached for additional information.

The recommendation is to award the contract associated with the Grand Forks Organics Facility and General Works to Marwest Industries Ltd. at a contract value of \$1,861,302.00 (excluding GST). Further, it is recommended to authorize staff to spend up to 10% of the contract value (\$186,130) in contingency to manage unforeseen costs encountered during construction.

The overall project cost is projecting to be higher than the total estimated in 2019 at the conceptual design stage of \$3,546,020. The cost for the project has been influenced by the decision to proceed with the 5 bunker design as well as higher costs for the general construction works and anticipated costs associated with the procurement of the mobile equipment. The mobile equipment includes a wood grinder, mixer and screener.

At this time, it is anticipated that the cost of the wood grinder will be higher than originally estimated due to the increased cost of steel. In addition, due to the infrastructure stimulus that is occurring, the demand for equipment is very high. All three pieces of equipment will also be influenced by the value of the Canadian dollar at the time of procurement.

For example, the wood grinder which was originally estimated to cost \$600,000 (2019) is now projecting to be in the range of \$1,000,000. This would be for a new machine of equivalent size with the same accessories as the current machine. This cost however will be offset by the sale of the existing wood grinder. This value is estimated at \$300,000-\$400,000.

Overall, based on the known project component costs as well as the estimates for the remaining components, the overall project budget is projecting to be approximately \$600,000-\$700,000 over the original budget. Any cost overruns will have to be paid for in full by the RDKB and are not eligible for grant funding.

Although there is currently sufficient funds in the 010 Service reserve balances to cover the anticipated increased costs, the use of these funds will impact the financing for the projects planned in the McKelvey Creek Wasteshed associated with expansion of organics diversion.

For example, currently outlined in the budget is the use of \$1,400,000 in reserve funds for the McKelvey Creek Landfill Upgrade Project in 2022. With the additional reserve monies used in 2021 for the Grand Forks Organics Project the amount of reserve funds available for the McKelvey Creek Landfill Upgrade Project would decrease to approximately \$700,000-\$800,000. The shortfall in funding would have to be covered through short term borrowing as reducing the scope of the project is not currently recommended. The use of reserve monies was not included for the implementation of the green bin program, rather short term borrowing had been anticipated.

The above finance challenges will be significantly different should the RDKB be successful in the grant applications that have been submitted for the McKelvey Creek Landfill Upgrade Project and the Green Bin Program.

Further, staff will be investigating other opportunities for mitigating the anticipated cost overruns on the Grand Forks Organics Project, including the potential procurement of used equipment, and a smaller sized wood grinder. In evaluating the most appropriate options, operational needs will still be required to be met.

Advancement of Strategic Planning Goals



The expansion of organic waste collection and composting operations is a significant opportunity for the RDKB to minimize green house gas emissions from landfill. In addition, the upgrades to the Grand Forks Composting facility will result in improvements to leachate collection and management, as well as odour management.



The project will entail significant public and stakeholder engagement in infrastructure development as well as initiating curbside collection programs. Communications will also be required in the marketing of finished compost products.



The projects have implications to cost effective and efficient services as the benefits will include extending landfill life and minimizing regulatory requirements surrounding landfill gas emissions.

Background Information Provided

Tetra Tech – Bid Review and Recommendation - Regional District of Kootenay Boundary - Organics Diversion Expansion Projects – Grand Forks (April 21, 2021)

Alternatives

1. That the RDKB Board of Directors award the Contract associated with the Grand Forks Organics Facility and General Works to Marwest Industries Ltd. at a contract value of \$1,861,302.00 (excluding GST). **Further**, that the RDKB Board of Directors authorize staff to sign and execute a Contract. **Further**, that the RDKB Board of Directors authorize staff to spend up to 10% of the contract value (\$186,130) in contingency to manage unforeseen costs encountered during construction.
2. That the Board of Directors provide alternate direction to staff.

Recommendation(s)

That the RDKB Board of Directors award the Contract associated with the Grand Forks Organics Facility and General Works to Marwest Industries Ltd. at a contract value of \$1,861,302.00 (excluding GST). **Further**, that the RDKB Board of Directors authorize staff to sign and execute a Contract.

Further, that the RDKB Board of Directors authorize staff to spend up to 10% of the contract value (\$186,130) in contingency to manage unforeseen costs encountered during construction.



Staff Report

Date:	April 22, 2021	File #:	
To:	Chair Langman and Members of the Board		
From:	Frances Maika, Corporate Communications Officer		
RE:	2021 Town Hall Meetings – Report and review of the process		

INTRODUCTION

The objectives of the 2021 town halls were to present and gather feedback on the 2021 Budget and 2021-2025 Five-Year Financial Plan, and to provide an opportunity for residents to learn about and comment on RDKB programs and services.

HISTORY / BACKGROUND FACTORS

In the 2020 Town Hall Meetings, the RDKB followed the same process as we followed in 2019, with a combination of in-person meetings in each electoral area and about a two-month online engagement process through jointheconversation.rdkb.com (JTC), the RDKB's online engagement platform.

In 2021, provincial health orders prohibiting in-person gatherings due to the COVID-19 pandemic required the RDKB to use a combination of JTC, and virtual town halls held via Zoom webinars.

Virtual town halls and our JTC platform were advertised through mailed postcards, newspaper ads, social media, e-blasts, on the rdkb.com website and on the JTC home page.

Attendance and Overall Participation

This report considers virtual attendance as an equivalent for in-person attendance because it was the only option for residents to communicate live with RDKB directors and staff in 2021.

An anecdotal comparison of the names of people directors and staff recall having attended the 2020 town halls (no records were kept of attendee names) and the email addresses and names of participants recorded during the 2021 virtual town halls, show that a generally different group of people

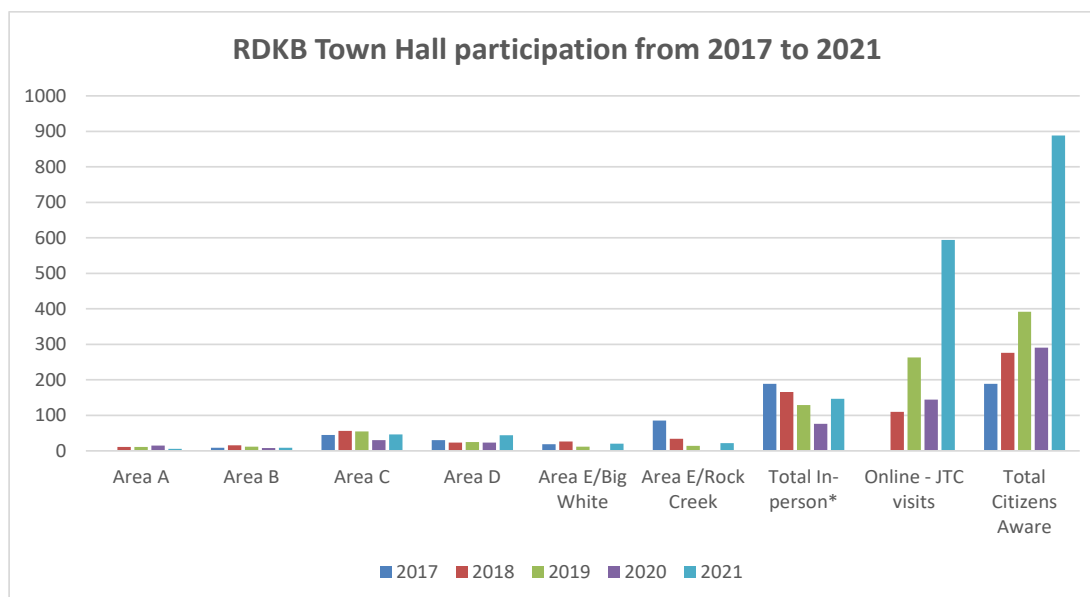
attended virtually in 2021 than had attended physically in 2020.

Combined attendance at 2021 town hall meetings across all electoral areas almost doubled compared to 2020, but was at about 78 per cent of 2017 attendance levels.

The trend is quite different when comparing online participation data for the last four years, however. If in-person attendance is down slightly or flat, online participation is rapidly increasing. Online engagement statistics from the JTC platform show the number of visitors to the town hall project page increased nearly five and a half times (540%) since 2018 when the platform was launched.

When we combine online visitor data with in-person/virtual participation data over the last four years, participation shows a steady increase. This corresponds with digital participation trends across Canada. According to the [Digital 2021 Canada report](#) published annually by the social media management platform, [Hootsuite](#), 94 per cent of Canadians are now internet users, and of those, 98 per cent use a mobile connection and 95 percent of mobile users access the internet through a smartphone. The RDKB is no exception and we can expect digital participation to continue to grow.

This upward trend in online participation is not only due to a society-wide shift toward more digital interactions during the pandemic, it is happening because more and more people everywhere are engaging online.



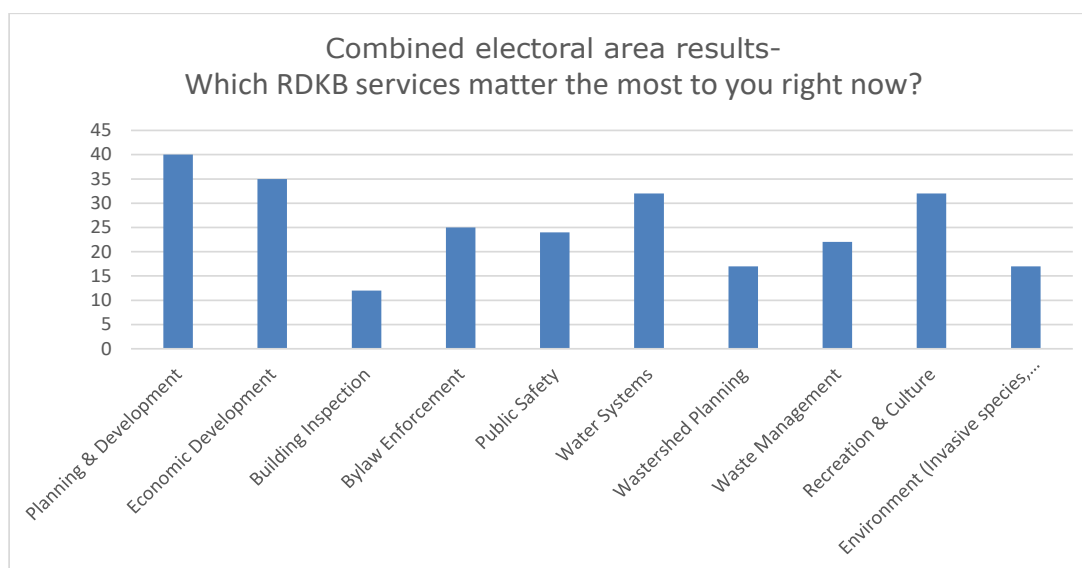
*2021 Virtual Town Halls are labeled as “in-person” meetings in this chart.

“Online – JTC visits” refers to visitors to jointheconversation.rdkb.com/2021townhalls.

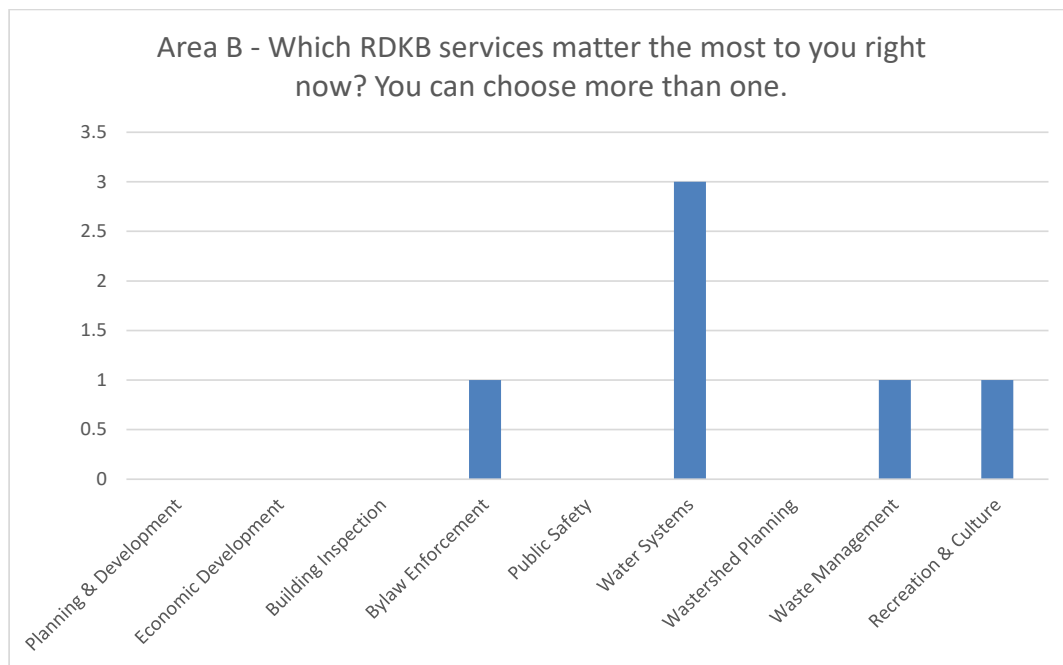
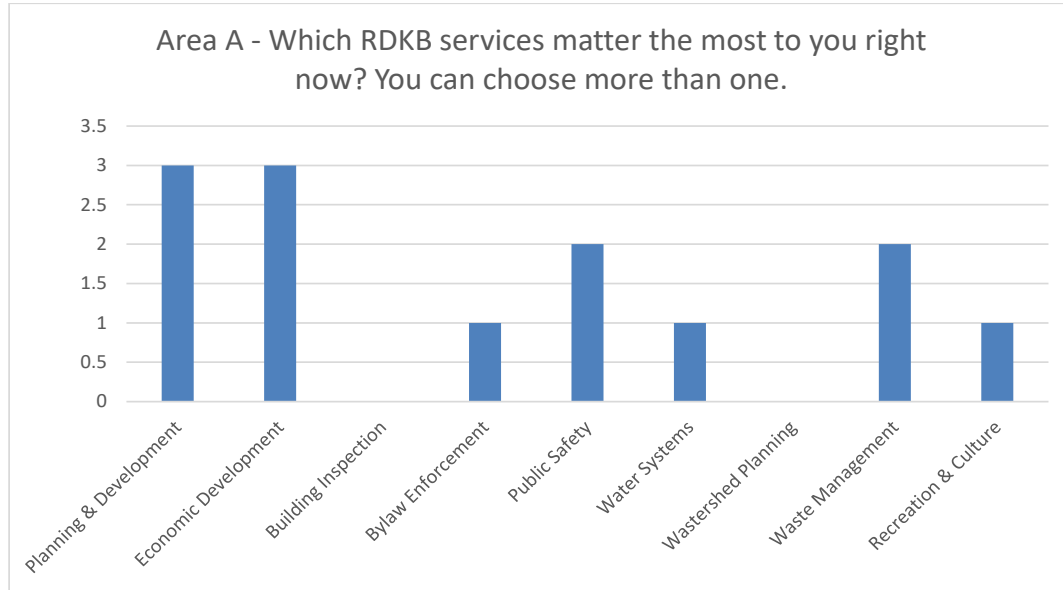
Overall Virtual Town Hall Polling - Services

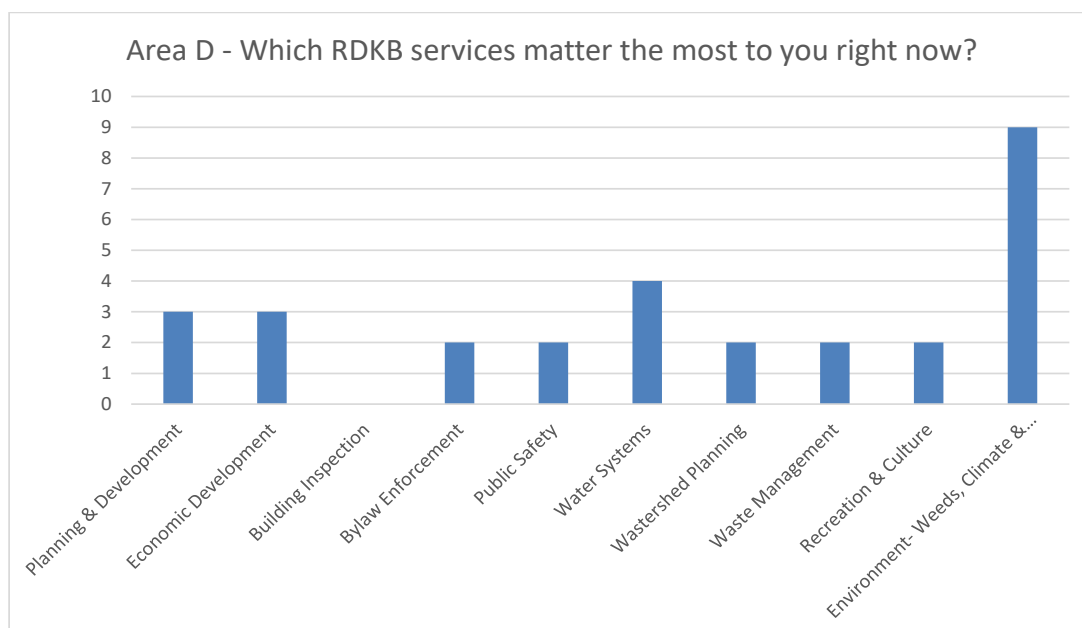
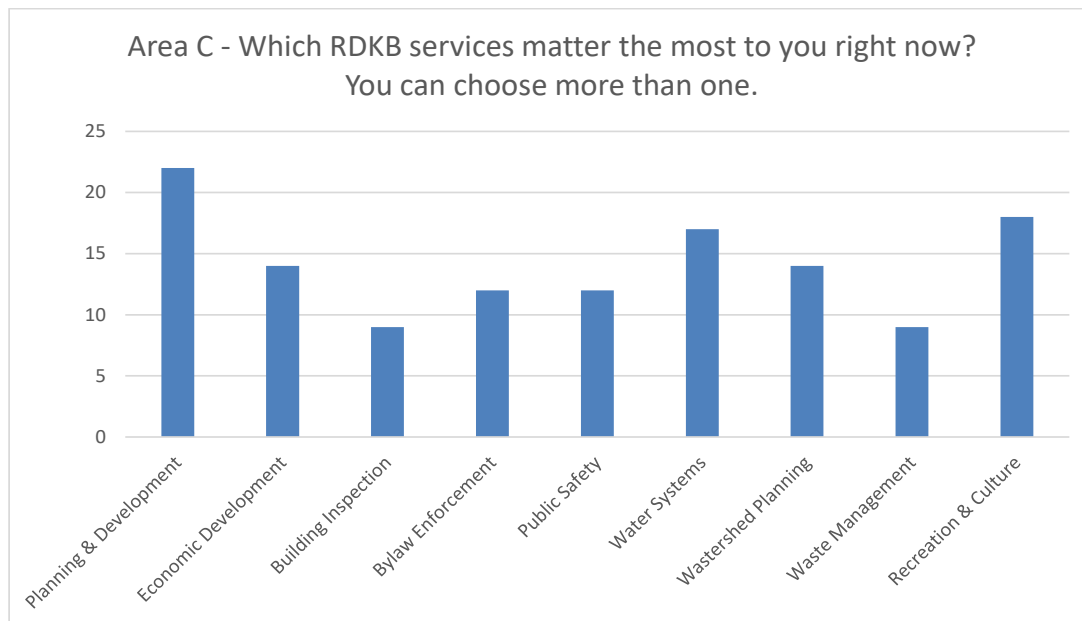
The *services of greatest importance overall to RDKB residents at the virtual town hall meetings were:

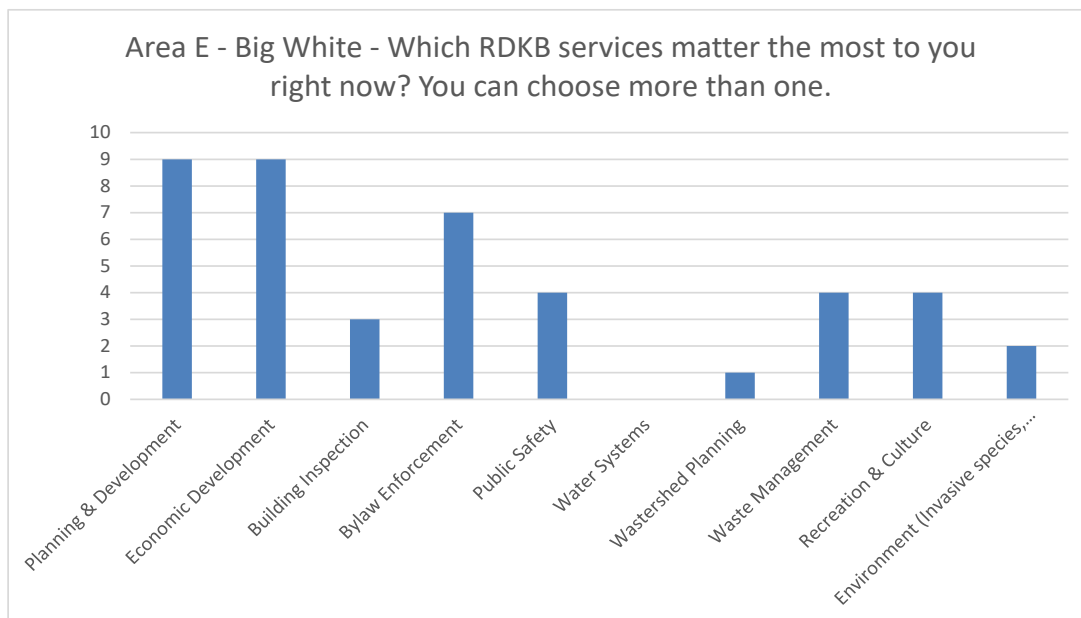
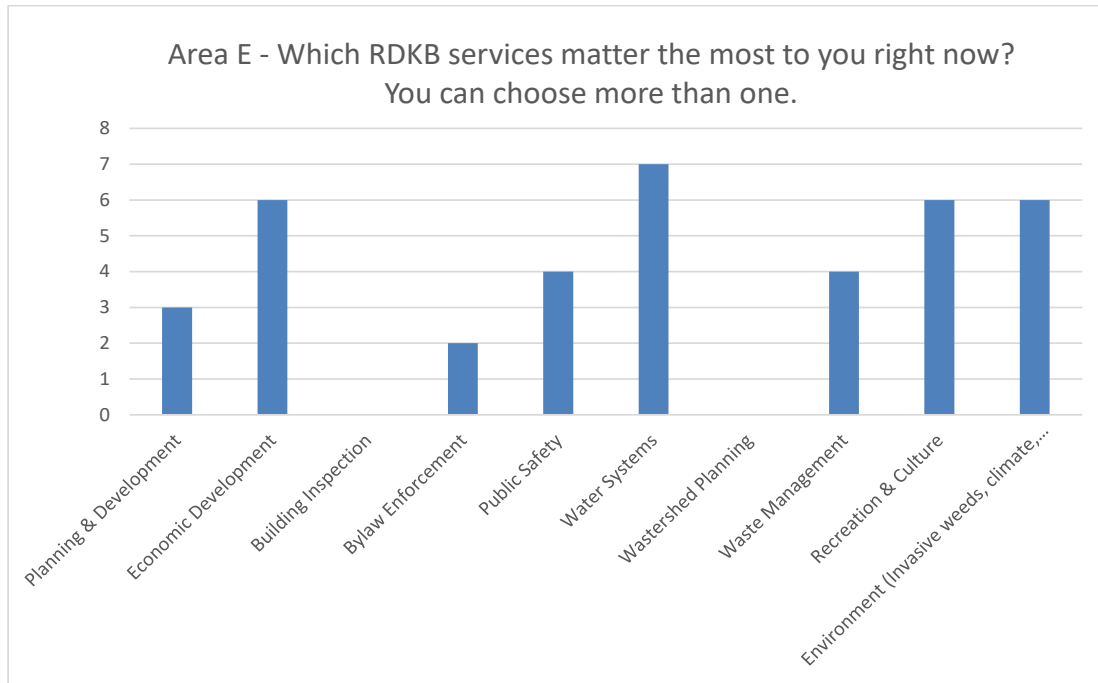
1. Planning and Development (15.7%)
2. Economic Development (13.7%)
3. Water Systems (12.5%), Recreation & Culture (12.5%)



*The RDKB does not provide watershed planning and invasive species services in all electoral areas and so polling questions varied slightly at each town hall. This means Watershed Planning and Environment results are skewed low in this regional chart. See individual electoral area results below for full data.

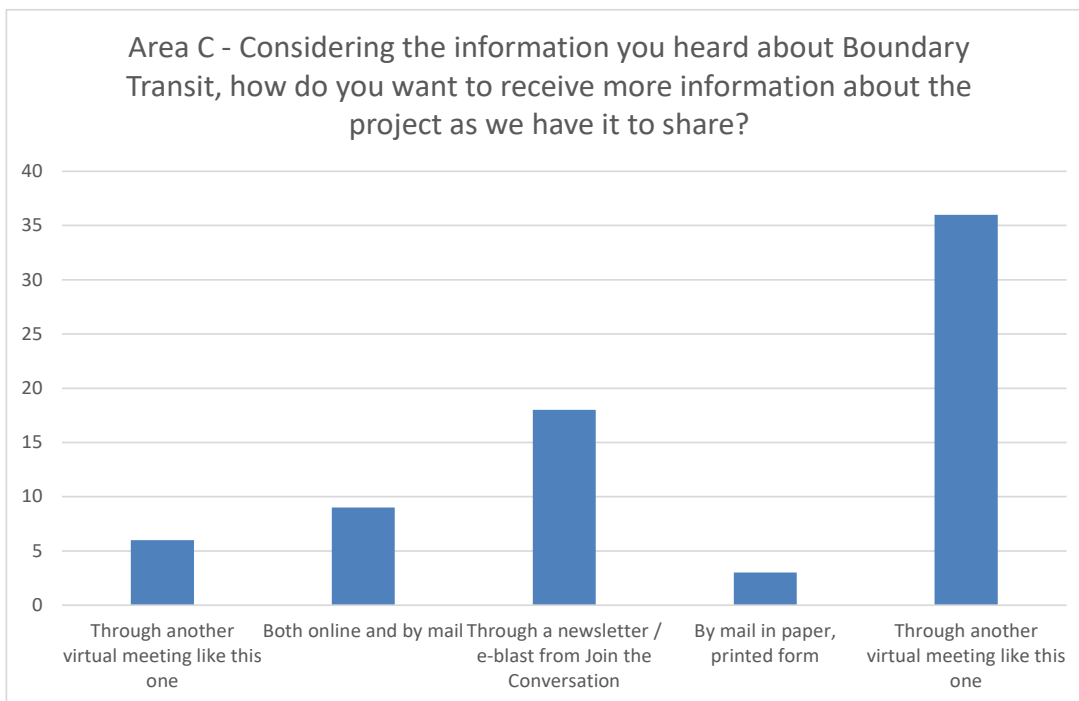
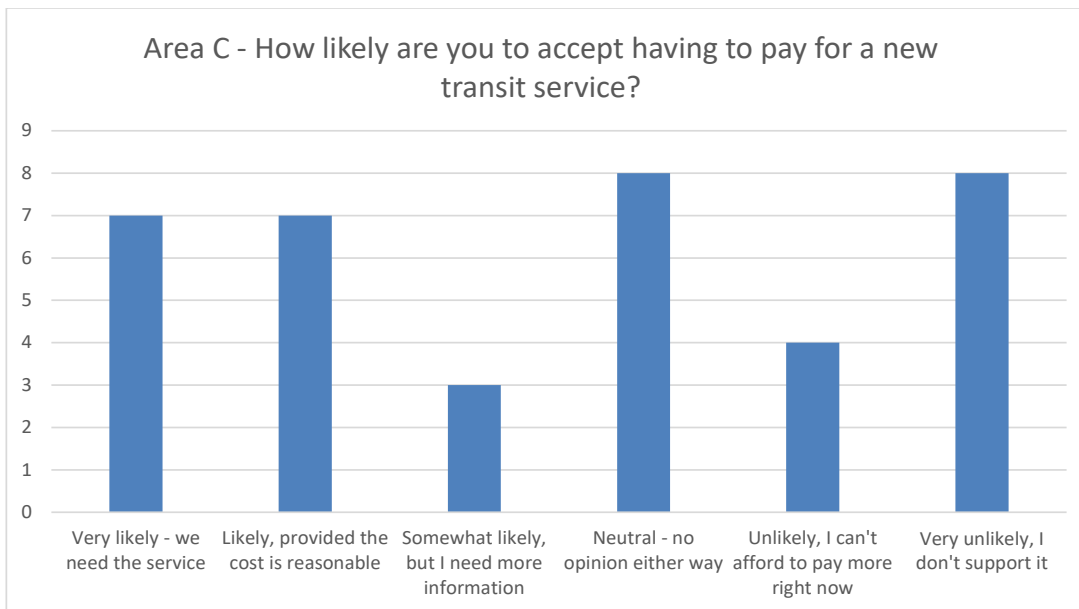
Electoral Area Virtual Town Hall Poll– Services

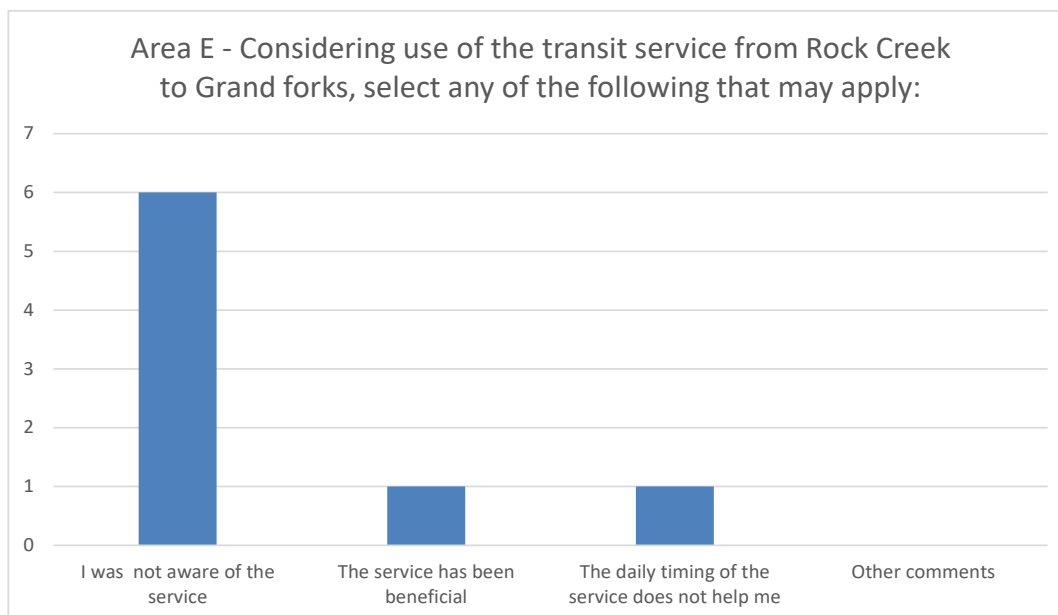




Electoral Area C and D Virtual Town Hall Polls– Transit

At the Area C/Christina Lake and Area E/West Boundary town halls, attendees responded to questions about transit in their areas.





DISCUSSION

The RDKB's electoral area budget town halls take place annually between January and March to fulfil obligations to share financial planning information with residents. If the RDKB wishes to continue using town halls to meet those obligations, then timing needs to remain similar for 2022.

Virtual town halls appear to have resulted in close to the same participation levels as in-person town halls, although likely with a somewhat different group of people attending. They are an effective way to reach residents.

Online participation through jointheconversation.rdkb.com is expected to continue to grow in the coming years with more and more people expecting to engage with the RDKB online for budget town halls or on any local government topic of importance to them.

Virtual town hall meetings take less staff time, cost less to carry out, do not require extensive vehicle travel and appear to reach a similar number of residents as face-to-face town halls.

Face to face town halls allow for staff to interact more personally with residents and engage in more informal and formal discussions than the virtual webinar format allows. These discussions have value and help build relationships with those residents who do attend face to face meetings, although that number is

generally declining.

ALTERNATIVES

1. Return to in-person town halls in 2022 and continue with online engagement on jointheconversation.rdkb.com as we have done since launching the platform in 2018.
2. Plan for virtual town halls again in 2022 and continue with online engagement on jointheconversation.rdkb.com as we have done since launching the platform in 2018.
3. Plan for a combined virtual and in-person town hall format in 2022 to engage with residents who want to attend virtually and those residents who prefer to meet face to face. Continue with online engagement on jointheconversation.rdkb.com as we have done since launching the platform in 2018.

RECOMMENDATION

That the Board adopt option three:

Plan for a combined virtual and in-person town hall format in 2022 to engage with residents who want to attend virtually and those residents who prefer to meet face to face. Continue with online engagement on jointheconversation.rdkb.com as we have done since launching the platform in 2018.

ATTACHMENTS:

None.

From: [McReynolds, Tom W AFF:EX](#)
To: [XT:AlberniClayoquot_RegionalDistrict ENV:IN](#); [XT:BulkleyNechako_RegionalDistrict ENV:IN](#); ["crdreception@crd.bc.ca"](#); ["mailbox@cariboord.ca"](#); ["aa@ccrd-bc.ca"](#); [XT:CentralKootenay_RegionalDistrict ENV:IN](#); [XT:CentralOkanagan_RegionalDistrict ENV:IN](#); ["inquiries@csrd.bc.ca"](#); ["administration@comoxvalleyrd.ca"](#); [XT:CowichanValley_RegionalDistrict ENV:IN](#); ["info@rdek.bc.ca"](#); ["info@fvrd.ca"](#); [XT:FraserFortGeorge_RegionalDistrict ENV:IN](#); [XT:KitimatStikine_RegionalDistrict ENV:IN](#); [Administration](#); ["icentre@metrovanvancouver.org"](#); [XT:MountWaddington_RegionalDistrict ENV:IN](#); ["inquiries@rdn.bc.ca"](#); ["info@ncrdbc.com"](#); ["info@rdno.ca"](#); ["info@rdos.bc.ca"](#); ["prrd.dc@prrd.bc.ca"](#); ["administration@gathet.ca"](#); [XT:SquamishLillooet_RegionalDistrict ENV:IN](#); ["administration@srd.ca"](#); ["info@scrd.ca"](#); ["admin@tnrd.ca"](#); [XT:IslandsTrust ENV:IN](#); ["justask@northernrockies.ca"](#)
Cc: [Last, Gavin AFF:EX](#); [Kelly, Samantha J AFF:EX](#)
Subject: Meat Production Modernization – Update and Consultation Opportunity
Date: Thursday, April 8, 2021 1:45:08 PM

I am writing to provide you with an update on Meat Production Modernization and to invite you to participate in consultation on proposed amendments to the Meat Inspection Regulation that might affect your regional district.

On September 14, 2020, the Ministry of Agriculture, Food and Fisheries released a Rural Slaughter Modernization Intentions Paper for public comment. The consultation period closed on November 16, 2020. 88 submissions were received.

Feedback on the intentions paper supports modernization of meat production and highlights the potential for further improvement to meat inspection and overall administration. Support for modernization and increasing access to local meat is high.

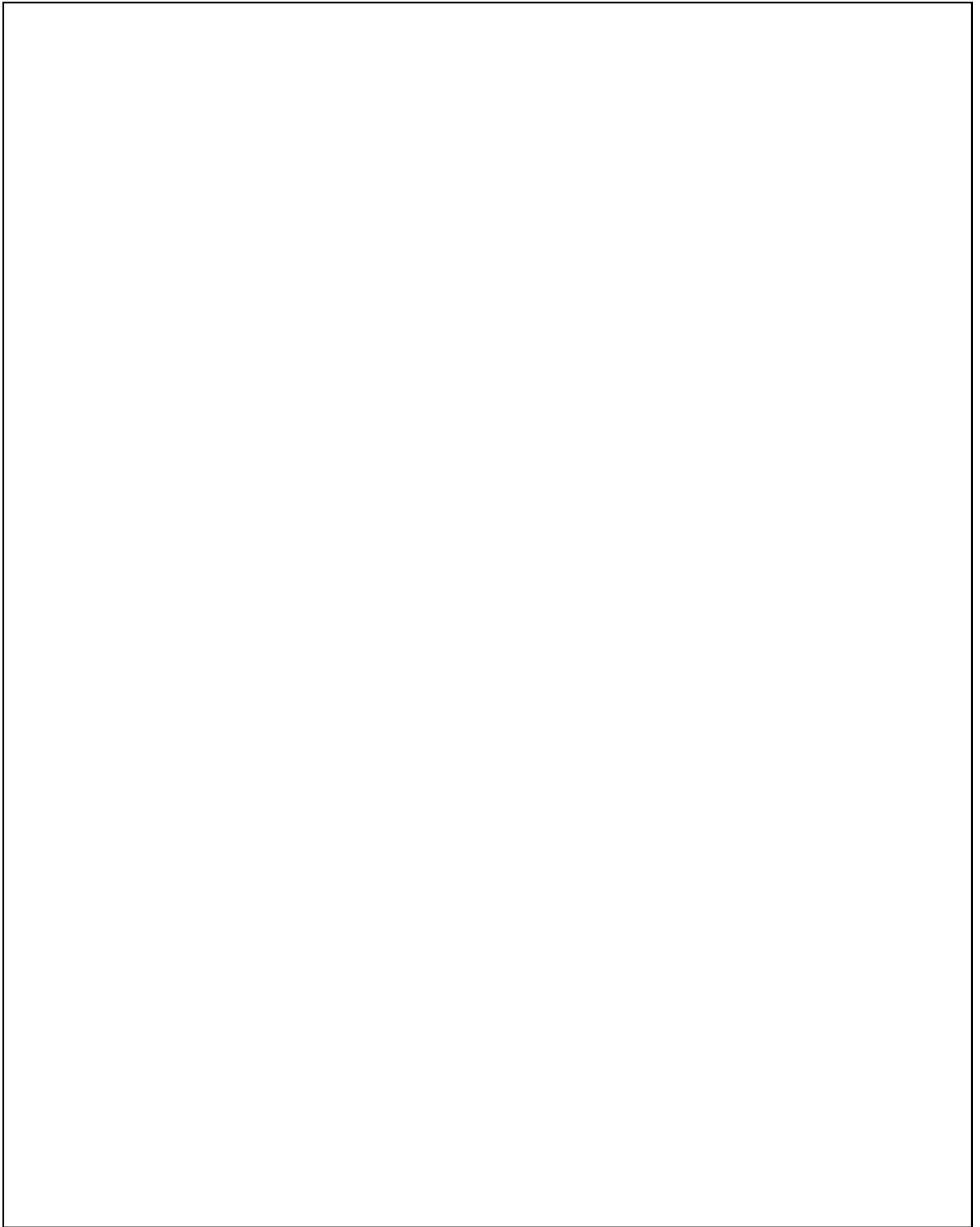
- To review the feedback, read the [Modernizing Rural Meat Production in B.C. What We Heard report \(PDF, 1.2 MB\)](#).
- To learn more about the changes being proposed, read the [Meat Production Modernization: Next Steps factsheet \(PDF, 70 KB\)](#).

In response to feedback the ministry received in the fall, the government is now proposing amendments to the Meat Inspection Regulation. You are invited to provide input on the proposed amendments. Please contact me within 30 days if you would like to request more information or book an online meeting. In response to feedback the ministry received in the fall, the government is now proposing amendments to the Meat Inspection Regulation that might affect your regional district. The proposed changes include discontinuing the use of designated areas.

You are invited to provide input on the proposed amendments. Please contact me within 30 days if you would like to request more information or book an online meeting.

Tom McReynolds

Special Project Legislation Director
 BC Ministry of Agriculture, Food and Fisheries
 250-213-6810





STAFF REPORT

Date: 29 Apr 2021 **File**
To: Chair Langman and Board of Directors
From: Freya Phillips, Senior Energy Specialist
Re: EV Infrastructure Rebate Pledge

Issue Introduction

A staff report from Freya Phillips, Senior Energy Specialist regarding the RDKB electric vehicle infrastructure rebate pledge.

History/Background Factors

In 2020, the RDKB completed the electric vehicle (EV) infrastructure study. The study included the design of the electrical upgrades at both the Trail and Grand Forks offices to support the electrification of RDKB fleet and the installation of EV chargers.

Scope of Work

The Trail office currently has a dual EV charger that can charge two electrical vehicles. To install any additional chargers, the Trail office requires an upgrade of the electrical infrastructure that would feed the EV chargers however does not require a FortisBC supply upgrade. Phase 1 of the work would also involve the installation of a further three dual chargers for six fleet parking stalls.

Grand Forks office electrical supply service and electrical infrastructure upgrade has been completed. The installation of EV chargers for two fleet parking stalls is still to be completed.

GoElectric Fleets Program

In early February 2021, the Province released new electric vehicle fleet rebates to support the transition to low carbon fleet vehicles. The rebates include:

- Electrical Upgrade - 70% of project costs up to maximum \$30,000. This level of rebate is for a limited time.
- Chargers - Level 2 – 75% of costs update to max of \$4,000 per charger and capped at \$25,000 per applicant. This level of rebate is also for a limited time.

A separate application is required for each rebate type and for each location. The application must be pre-approved by PlugInBC who are managing the rebates for the Province prior to work commencing.

In order to qualify for Go Electric Fleets Program financial rebates, applicants must pledge to commit fleets to at least 10 percent zero emissions vehicles (ZEV) for all new light duty fleet vehicles procured by 2025 and to annually revisit this pledge to consider a higher ZEV procurement goal.

The RDKB is proposing to submit two applications:

- Trail Office electrical upgrade
- Trail Office EV chargers (3 x dual chargers) and Grand Forks EV chargers (2 chargers)

	Estimated Cost (excluding Tax)	Potential Rebate
Trail Office Electrical Upgrade	\$28,440	\$19,908
Installation of EV chargers at Trail & Grand Forks Offices	\$23,194	\$17,396
<i>Total</i>	<i>\$51,635</i>	<i>\$37,304</i>

Project Funding

The project funding is part of the approved General Administration (001) budget: \$45,000 from the Climate Action Reserve and part of the \$100,000 General Administration offices updated which included electrical work at the Grand Forks office and installation of EV charger.

If the rebate applications are successful, the Climate Action Reserve fund allocation and the General Administration offices reserve allocation be reduced by the rebate amount.

Implications

Pledge

The RDKB currently has 3 full electric vehicles within its fleet. Over the next 4 years it is estimated the RDKB will replace 11 light duty vehicles with 2 vehicles being replaced with electric vehicles in building inspection service resulting in 18% of new light duty vehicles being electric vehicles. This will meet the Go Electric Fleets Program pledge requirement.

If the RDKB is unable to pledge, it will not be able to access the rebates which are estimated to be \$37,000 at the current rebate levels.

Staff Implications

The Trail office electrical upgrade will be undertaken by the Contractor and overseen by the RDKB Manager of Recreation and Facilities. The Trail and Grand Forks office EV chargers will be installed by the RDKB maintenance team and their time has been allowed for in the workplan.

Advancement of Strategic Planning Goals

Environmental Stewardship/Climate Preparedness

Background Information Provided

1. RDKB Light Duty Vehicle Replacement Projections

Alternatives

1. That the Regional District of Kootenay Boundary Board of Directors pledge to commit that at least 10% of all new light duty fleet vehicles procured by 2025 will be zero emissions vehicles (ZEV) and that the District will annually revisit the pledge to consider a higher ZEV procurement goal.

2. That the Regional District of Kootenay Boundary Board of Directors refer the Staff Report back to staff for further investigation as directed by Board.

3. That the Regional District of Kootenay Boundary Board of Directors direct staff to do nothing.

Recommendation(s)

That the Regional District of Kootenay Boundary Board of Directors pledge to commit that at least 10% of all new light duty fleet vehicles procured by 2025 will be zero emissions vehicles (ZEV) and that the District will annually revisit the pledge to consider a higher ZEV procurement goal.

RDKB Light Duty Vehicle Replacement Projections

These are the projected light duty vehicle replacements to 2025

Services	Type of Light Duty Vehicle	No. Vehicles	No. Electric
Big White Fire Service	N/A	0	0
Building Inspection Service	Passenger	2	2
BV Recreation & Facilities Service	Truck	2	0
Christina Lake Fire Service	Truck (1 tonne)	1	0
Grand Forks Recreation Service	N/A	0	0
Regional Fire Service	N/A	0	0
Solid Waste Service	Truck (0.5 or 1 tonne)	1	0
	Truck (3/4 to 1 tonne)	1	If available
Utilities Service	Truck (0.5 tonne)	4	If available
Total		11	2

RDKB Light Duty Vehicle Replacement Projections

These are the projected light duty vehicle replacements to 2025

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Big White Fire Service	N/A	0	0
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Solid Waste Service	Truck (0.5 or 1 tonne)	1	0
	Truck (3/4 to 1 tonne)	1	If available
Utilities Service	Truck (0.5 tonne)	4	If available
Total		11	2



Staff Report

RE:	Agricultural Land Commission Referral (Transport, Utility, & Recreation) – Uphill		
Date:	April 29, 2021	File #:	E-2704-06737.500
To:	Chair Langman and members of the Board of Directors		
From:	Danielle Patterson, Planner		

Issue Introduction

The Regional District of Kootenay Boundary (RDKB) has received a Transport, Utility, & Recreation referral from the Agricultural Land Commission (ALC) for property located in the Agricultural Land Reserve (ALR) in Electoral Area E/West Boundary, northeast of Rock Creek (see Attachment 1 – Site Location Map).

Property Information	
Owner(s):	Allan Uphill and Evelyn Uphill
Applicant:	McLeod & Schneiderat, Lawyers
Location:	2200 Nicholson Creek Road
Electoral Area:	Electoral Area E/West Boundary
Legal Description:	Plan KAP1186, Sublot 11, District Lot 2704, Similkameen Division of Yale Land District, Portion south 1/2, Except Plan 23484
Area:	36.44 ha (90.05 ac)
Current Use(s):	Residential
Land Use Bylaws	
OCP Bylaw:	NA
DP Area:	NA
Zoning Bylaw:	NA
Other	
ALR:	Approximately 2/3 in ALR (~ 24 ha of 36.44 ha)
Waterfront / Floodplain:	Nicholson Creek and tributaries

History / Background Information

The subject property is located roughly 10 km northeast of Rock Creek (see Attachment 2 – Subject Property Map). Nicholson Creek traverses diagonally through the property from the northeast corner towards the southwest corner.

The subject property is surrounded by Crown land for grazing on the south, west, and east and a single family dwelling is north of the subject property. Approximately 24 ha (59 ac) along the west portion of the subject property is located outside of the Agricultural Land Reserve (ALR) (see Attachment 3 – ALR Overlay). The property has a small single detached dwelling built in the 1970s and some cleared land. The rest of the parcel is treed. The application states there is no agriculture taking place on the subject property.

In 2018 the Ministry of Transportation and Infrastructure gave preliminary subdivision approval for a different configuration of a two lot subdivision on the subject property that followed the ALR boundary but final subdivision was never approved. The property owners are now seeking a two lot subdivision on the subject property along the boundary of the ALR. As part of the subdivision process, they are required to provide road dedication. As most of the required road dedication is located in the ALR, an ALC Transport, Utility, & Recreation approval is required.

Proposal

The applicant is requesting five small road dedications along Nicholson Creek Road with four of the five located in the ALR (see Attachment 4 – Applicant Submission). The areas of these four slivers of road dedication, going west to east, are 241.0 m², 133.5 m², 47.9 m², 305.3 m², with a total road dedication area of 727.7 m².

Advisory Planning Commission (APC)

At the time of the APC's review, the APC, based on the staff report, believed the application was for a two-lot subdivision near the boundary of the ALR. The staff report staff stated the following: *"Staff has been in contact with the applicant to let them know they erroneously submitted a Transport, Utility, & Recreation rather than a subdivision application."*

This staff comment was based on two factors: 1) all of the content in the application referred to a subdivision with no discussion of transport, utility, or recreation uses, and 2) staff called and emailed the applicant's agent stating it looked like the application was for a subdivision and did not receive any information to the contrary.

The Electoral Area E/West Boundary APC reviewed the proposal at their April 5, 2021 meeting. The APC noted they could not tell from the maps where the subdivision would be and recommended *"that the referral be not supported at this time until clearer information is provided"*.

Based on the APC's comments, staff contacted the applicant's agent again to obtain clarification on what slivers of the ALR would be subdivided off of the rest of the subject property. It was at that time the agent confirmed the application for was a road dedication as part of subdivision requirements. Staff requested further details but none were received at the time of the writing of this report.

Implications

There are no land use, zoning or OCP bylaws within this portion of Electoral Area E/West Boundary. As such, there are no land use policies to reference regarding the road

dedication and/or transportation routes in or around the ALR. The staff recommendation does not include support or non-support for the applicant's proposal, based on past RDKB practices for ALR applications in the portions of Electoral Area E that do not have zoning or OCPs in place.

Recommendation

That the Regional District of Kootenay Boundary Board of Directors direct staff to forward, without a recommendation, the application to the Agricultural Land Commission a Transport, Utility, & Recreation proposal for a road dedication, submitted by McLeod & Schneiderat, Lawyers, on behalf of Allan Uphill and Evelyn Uphill for the parcel legally described as Plan KAP1186, Sublot 11, District Lot 2704, Similkameen Division of Yale Land District, Portion south 1/2, Except Plan 23484, located in Electoral Area 'E'/West Boundary.

Attachments

1. Site Location Map
2. Subject Property Map
3. ALR Overlay
4. Applicant Submission

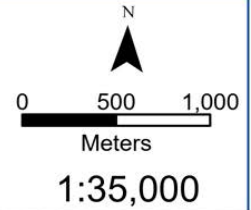


Regional District of
Kootenay Boundary

Date: 2021-03-15

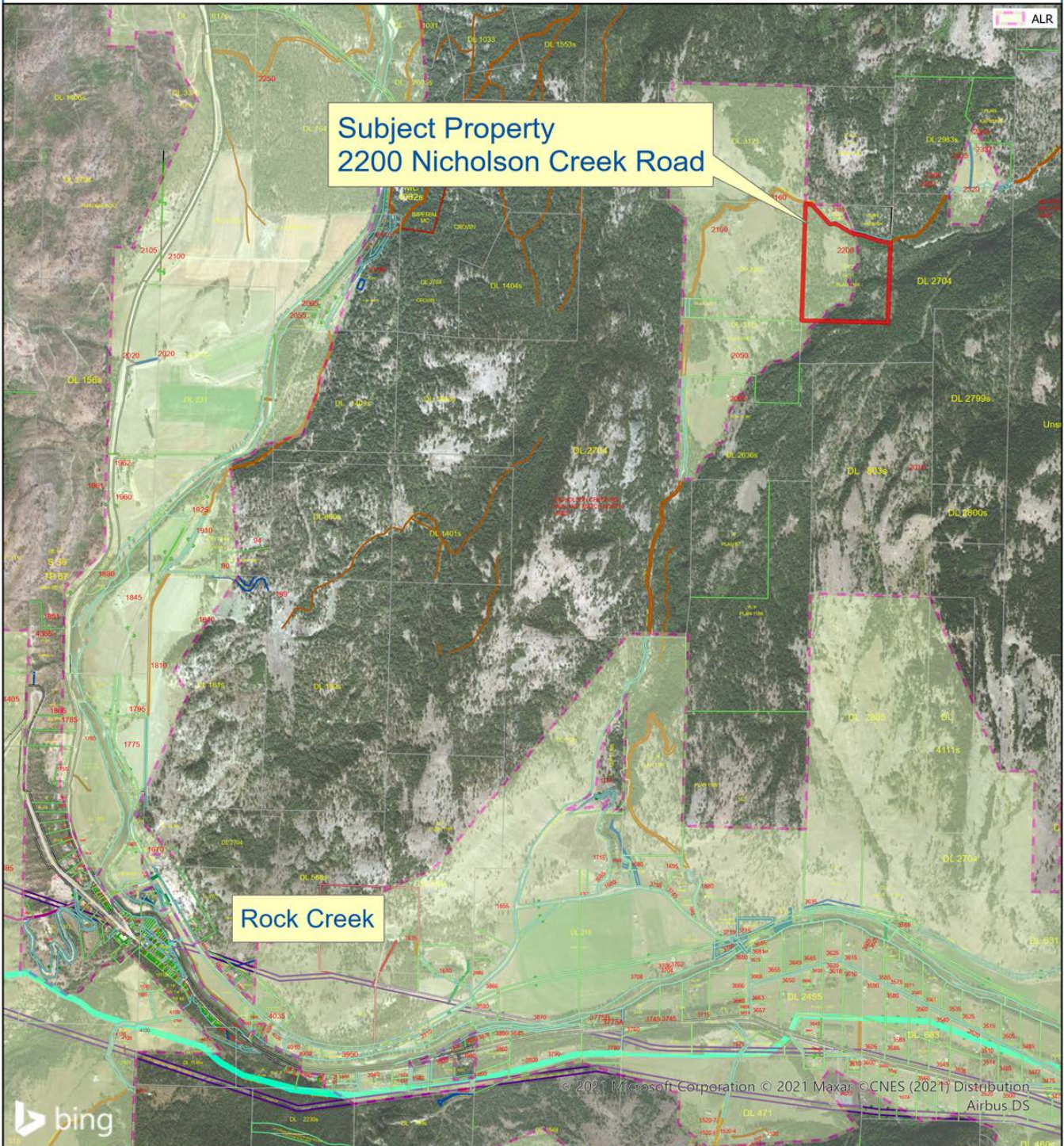
Site Location Map

Plan KAP1186, Sublot 11,
District Lot 2704,
Similkameen Div of Yale Land District



Subject Property
2200 Nicholson Creek Road

Rock Creek



202-843 Rossland Ave, Trail BC V1R 4S8 | T: 250.368.9148 | T/F: 1.800.355.7352 | rdkb.com

Document Path: P:\PD\EA\E\E-2704-06737.500_Uphill_ALC_referral\2021-03-15_Maps\E-2704-06737.500_Uphill_ALC_referral.aprx*

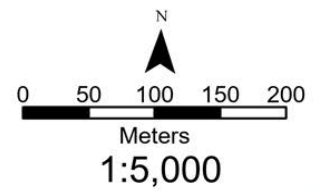


Regional District of
Kootenay Boundary

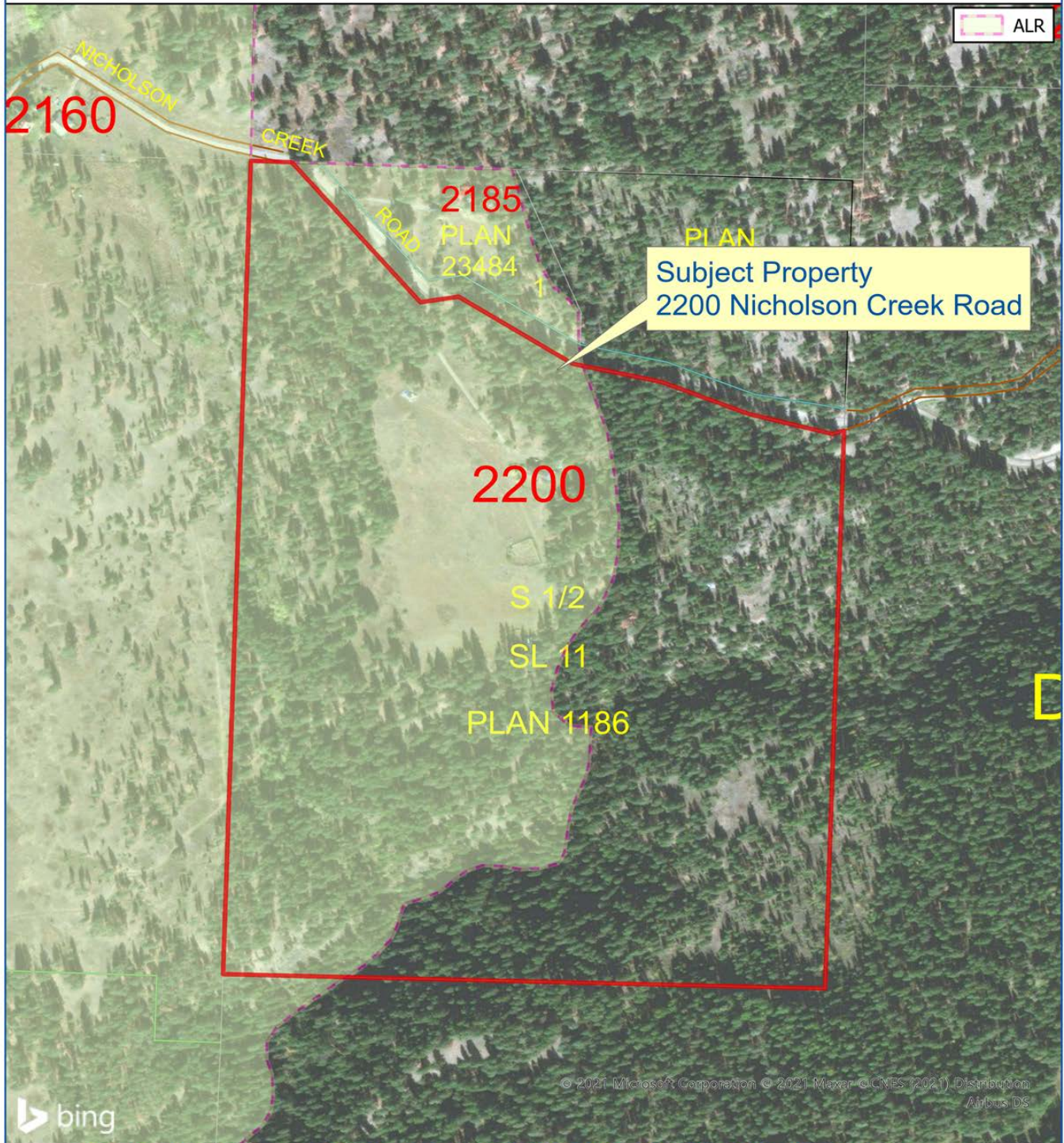
Date: 2021-03-15

Subject Property Map

Plan KAP1186, Sublot 11,
District Lot 2704,
Similkameen Div of Yale Land District



ALR

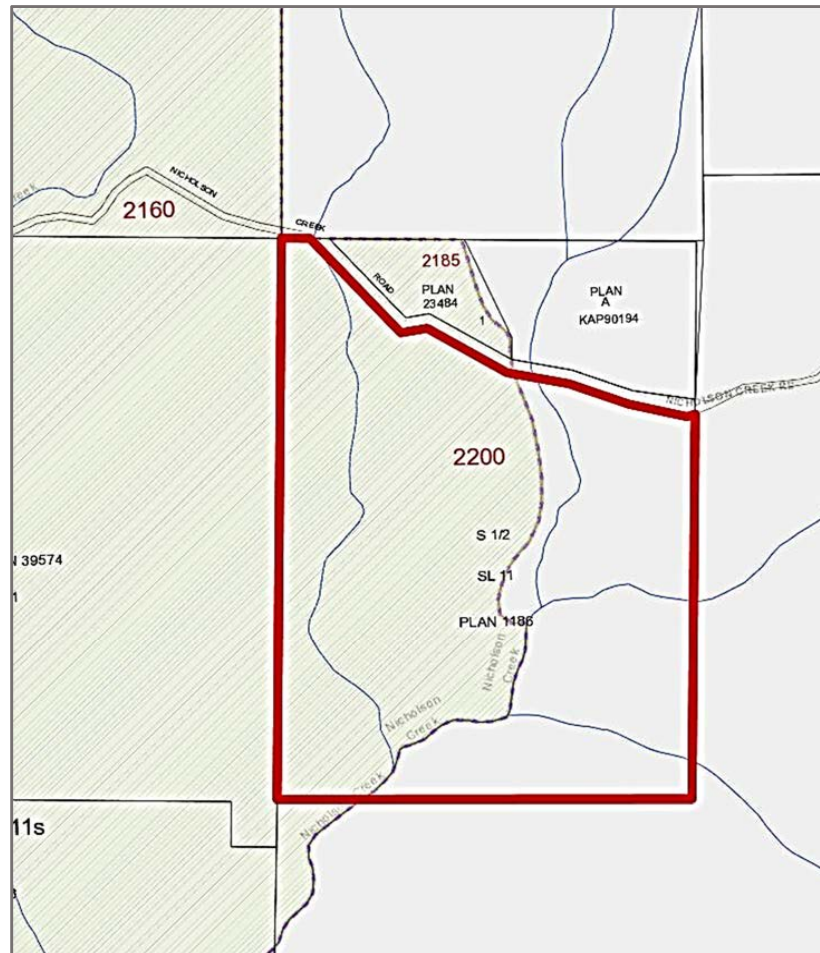


202-843 Rossland Ave, Trail BC V1R 4S8 | T: 250.368.9148 | T/F: 1.800.355.7352 | rdkb.com

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Attachment 3: ALR Overlay

Left/west of dotted line = ALR



Provincial Agricultural Land Commission - Applicant Submission

Application ID: 62563

Application Status: Submitted to ALC

Applicant: Allan Uphill , Evelyn Uphill

Agent: McLeod & Schneiderat, Lawyers

Local Government: Kootenay Boundary Regional District

ALC Date of Receipt: 03/03/2021

Proposal Type: Transport, Utility, & Recreation

Proposal: To subdivide the property into 2 lots. To keep ownership of the lot with the residency on it and sell the newly created lot. The lot the house will be an area of 27.7 ha and the new lot will be 10.7ha. The new lot will be located on the eastern edge of the property adjacent to Crown grazing land. It will start at 71 metres wide for a length approximate 76 metres. It will then reduce down to 30 feet until and crossing Nicholson Creek. The area on the north side of Nicholson Creek will be comprised of 0.8 ha. It will then expand to the west for a size of 9.93 ha on the south side of Nicholson Creek.

Agent Information

Agent: McLeod & Schneiderat, Lawyers

Mailing Address:

474 Main Street

Penticton, BC

V2A 5C5

Canada

Primary Phone: [REDACTED]

Email: [REDACTED]

Parcel Information

Parcel(s) Under Application

1. **Ownership Type:** Fee Simple

Parcel Identifier: 011-777-320

Legal Description: THE S 1/2 OF SUBL 11 DL 2704 SIMILKAMEEN DIVISION YALE DISTRICT PL 1186 EXC PL 23484

Parcel Area: 21.8 ha

Civic Address: 2200 Nicholson Creek Road, Rock Creek, BC

Date of Purchase: 11/03/1975

Farm Classification: No

Owners

1. **Name:** Allan Uphill

Address:

[REDACTED]

Applicant: Allan Uphill , Evelyn Uphill

Phone: [REDACTED]

2. Name: Evelyn Uphill

Address:

[REDACTED]

Phone:

Email:

[REDACTED]

Current Use of Parcels Under Application

1. Quantify and describe in detail all agriculture that currently takes place on the parcel(s).

None

2. Quantify and describe in detail all agricultural improvements made to the parcel(s).

None

3. Quantify and describe all non-agricultural uses that currently take place on the parcel(s).

general household activities

Adjacent Land Uses

North

Land Use Type: Residential

Specify Activity: single-family dwelling

East

Land Use Type: Other

Specify Activity: Crown grazing land

South

Land Use Type: Other

Specify Activity: Crown grazing land

West

Land Use Type: Residential

Specify Activity: single-family dwelling

Proposal

1. What is the purpose of the proposal? Include the length and average width of the proposed project.

To subdivided the property into 2 lots. To keep ownership of the lot with the residency on it and sell the newly created lot. The lot the house will be an area of 27.7 ha and the new lot will be 10.7ha. The new lot will be located on the eastern edge of the property adjacent to Crown grazing land. It will start at 71

Applicant: Allan Uphill , Evelyn Uphill

metres wide for a length approximate 76 metres. It will then reduce down to 30 feet until and crossing Nicholson Creek. The area on the north side of Nicholson Creek will be comprised of 0.8 ha. It will then expand to the west for a size of 9.93 ha on the south side of Nicholson Creek.

2. Specify any agricultural activities such as livestock operations, greenhouses or horticultural activities in proximity to the proposal. Please include the farm activity's location relative to the proposal.

None

3. What steps will you take to reduce potential negative impacts on surrounding agricultural lands?

n/a

4. Could this proposal be accommodated on lands outside of the ALR? Include all alternative corridor alignment considerations. Alternate alignment maps can be uploaded in the Upload Attachments section.

Not that we are aware of.

5. Total area of corridor *10.7 ha*

6. All affected property owners with land in the ALR must be notified as required by Section 7 of the *Agricultural Land Reserve General Regulation*. Please attach the "Transportation, Utility, and Recreational Trail Use Proof of Serving Notice" in the "Upload Attachments" section. I confirm that all affected property owners with land in the ALR have been notified.

Yes

Applicant Attachments

- Agent Agreement-McLeod & Schneiderat, Lawyers
- Notice of Affected Landowners-62563
- Proposal Sketch-62563
- Other correspondence or file information-Tax Certificate
- Original application-62563
- Certificate of Title-011-777-320

ALC Attachments

None.

Decisions

None.

Applicant: Allan Uphill , Evelyn Uphill

**SUBDIVISION PLAN OF PART OF THE
SOUTH 1/2 OF SUBLOT 11, DL 2704, SDYD,
PLAN 1186, EXCEPT PLAN 23484.**

PURSUANT TO SECTION 67 L.T.A.
SCDS 506.006

0 20 40 60 80 100
ALL DISTANCES SHOWN ARE IN METRES
THE INTENDED SIZE OF THIS PLAN IS 854 mm
IN WIDTH BY 600 mm IN HEIGHT BY 500
WHEN PLOTTED AT A SCALE OF 1:2000

LEGEND

- ⊙ DEVICES STANDARD CAPPED POST FOUND
- ⊙ DEVICES STANDARD CAPPED POST PLACED
- ⊙ DEVICES STANDARD IRON POST PLACED
- ⊙ DEVICES STANDARD IRON POST FOUND
- ⊙ DEVICES NON-STANDARD POST (OF 6mm. OVERSIZED) FOUND
- ⊙ DEVICES TRANSFER IRON PLACED
- ⊙ DEVICES UNARMED MEASURED POINT

NOTE: BEARINGS TO BEARING TREES ARE MAGNETIC.
GRID BEARINGS ARE DERIVED FROM GNSS DATA
RESIDENT OBSERVATIONS AND ARE REFERRED
TO THE CENTRAL MERIDIAN OF UTM ZONE 11
TO OBTAIN LOCAL ASTROLOGICAL BEARINGS REFERRED
TO THE MERIDIAN THROUGH THE TRANSVERSE 4-68
LABELLED "TRUNCATE" INSTRUCT 1-27-45

THIS PLAN SHOWS HORIZONTAL GROUND-LEVEL DISTANCES
UNLESS OTHERWISE SPECIFIED. TO COMPUTE GRID DISTANCES
MULTIPLY GROUND-LEVEL DISTANCES BY THE AVERAGE
COMBINED FACTOR OF 0.9997008. THE AVERAGE COMBINED
FACTOR HAS BEEN ESTIMATED BASED ON AN ELLIPSOIDAL
ELEVATION OF 817 METRES.

THE UTM COORDINATES AND ESTIMATED HORIZONTAL POSITIONAL
ACCURACY ADVICES ARE DERIVED FROM GNSS DATA, PRECISION
OBSERVATIONS USING NATURAL RESOURCES CANADA PPP SERVICES.

POINT	NORTHING	EASTING	POINT	NORTHING	EASTING
PH0004	5440333.5	338005.1	PH0070	5440333.5	338005.1
PH0005	5440333.5	338005.9	PH0071	5440333.5	338005.9
PH0006	5440333.5	338006.4	PH0072	5440333.5	338006.4
PH0007	5440333.5	338006.9	PH0073	5440333.5	338006.9
PH0008	5440333.5	338007.4	PH0074	5440333.5	338007.4
PH0009	5440333.5	338007.9	PH0075	5440333.5	338007.9
PH0010	5440333.5	338008.4	PH0076	5440333.5	338008.4
PH0011	5440333.5	338008.9	PH0077	5440333.5	338008.9
PH0012	5440333.5	338009.4	PH0078	5440333.5	338009.4
PH0013	5440333.5	338009.9	PH0079	5440333.5	338009.9
PH0014	5440333.5	338010.4	PH0080	5440333.5	338010.4
PH0015	5440333.5	338010.9	PH0081	5440333.5	338010.9
PH0016	5440333.5	338011.4	PH0082	5440333.5	338011.4
PH0017	5440333.5	338011.9	PH0083	5440333.5	338011.9
PH0018	5440333.5	338012.4	PH0084	5440333.5	338012.4
PH0019	5440333.5	338012.9	PH0085	5440333.5	338012.9
PH0020	5440333.5	338013.4	PH0086	5440333.5	338013.4
PH0021	5440333.5	338013.9	PH0087	5440333.5	338013.9
PH0022	5440333.5	338014.4	PH0088	5440333.5	338014.4
PH0023	5440333.5	338014.9	PH0089	5440333.5	338014.9
PH0024	5440333.5	338015.4	PH0090	5440333.5	338015.4
PH0025	5440333.5	338015.9	PH0091	5440333.5	338015.9
PH0026	5440333.5	338016.4	PH0092	5440333.5	338016.4
PH0027	5440333.5	338016.9	PH0093	5440333.5	338016.9
PH0028	5440333.5	338017.4	PH0094	5440333.5	338017.4
PH0029	5440333.5	338017.9	PH0095	5440333.5	338017.9
PH0030	5440333.5	338018.4	PH0096	5440333.5	338018.4
PH0031	5440333.5	338018.9	PH0097	5440333.5	338018.9
PH0032	5440333.5	338019.4	PH0098	5440333.5	338019.4
PH0033	5440333.5	338019.9	PH0099	5440333.5	338019.9
PH0034	5440333.5	338020.4	PH0100	5440333.5	338020.4
PH0035	5440333.5	338020.9			

THIS PLAN LIES WITHIN THE
AGRICULTURAL LAND ZONING.

A CONVEYANCE IN THE NAME OF:

HIS MAJESTY THE QUEEN IN RIGHT OF
THE PROVINCE OF BRITISH COLUMBIA
AS REPRESENTED BY THE MINISTER OF
TRANSPORTATION AND INFRASTRUCTURE,
AND
THE REGIONAL DISTRICT OF HOODYAK BOUNDARY.

PURSUANT TO SECTION 216 OF THE
LAND TITLE ACT IS A CONDITION OF
APPROVAL FOR THIS SUBDIVISION.

THIS PLAN LIES WITHIN THE APPROVING
OFFICE FOR THE MINISTRY OF
TRANSPORTATION AND INFRASTRUCTURE
WITH FILE: 2018-00718

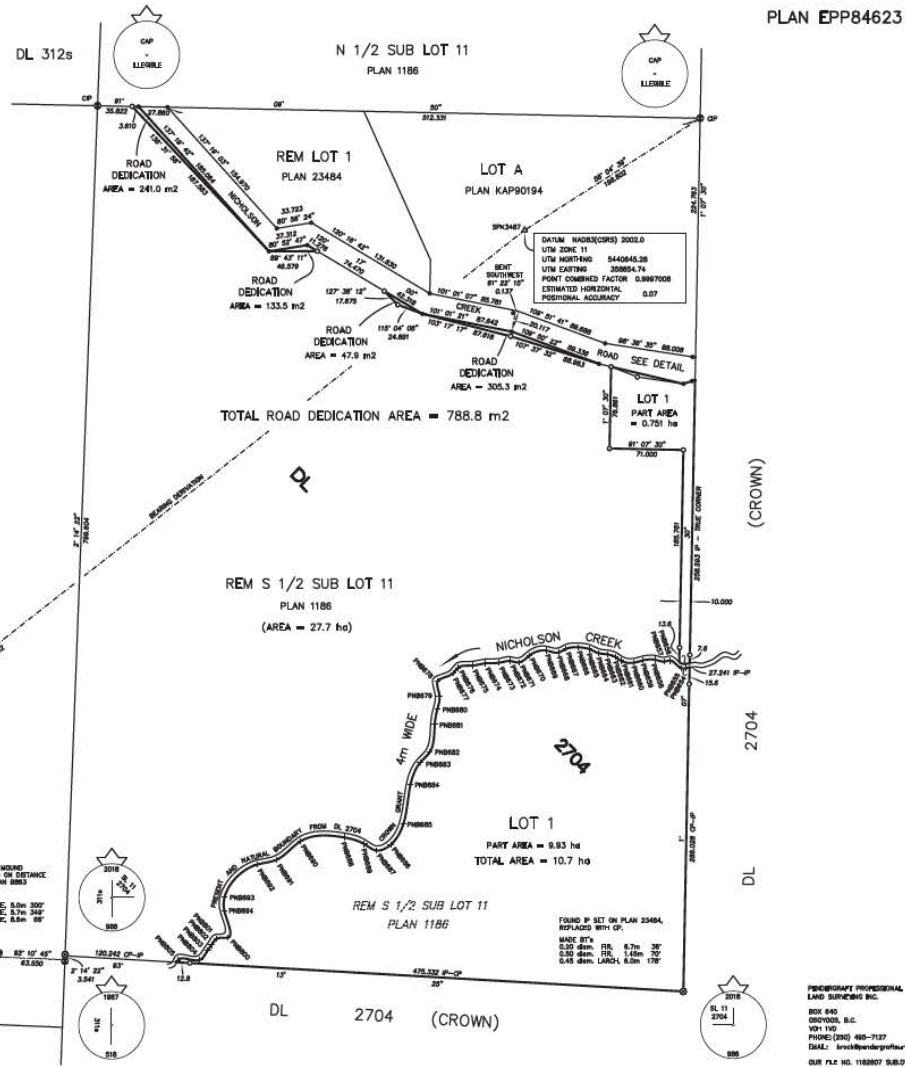
THE FIELD SURVEY REPRESENTED BY THIS PLAN WAS COMPLETED
ON THE 18TH DAY OF JULY, 2018.
BROOK FENNERGRAFT, BCLC 598

THIS PLAN LIES WITHIN THE REGIONAL DISTRICT
OF HOODYAK BOUNDARY.



DETAIL

10 0 10 20 30
ALL DISTANCES SHOWN ARE IN METRES
SCALE OF 1:2000
AT INTENDED PLOT SIZE OF PLAN





Regional District of
Kootenay Boundary

Staff Report

RE:	Forestry Referral: BC Timber Sales (BCTS) Operating Plan 16		
Date:	April 29, 2021	File #:	B-54 (Timber Sales General)
To:	Chair Langman and members of the Board of Directors		
From:	Danielle Patterson, Planner		

Issue Introduction

The Regional District of Kootenay Boundary (RDKB) has received a referral from BC Timber Sales (BCTS) giving the RDKB an opportunity to provide comments on BCTS's logging plans in Electoral Areas C, D and E (See Attachment 1 – Operating Plan 16 Site Location Map).

Property Information	
Owner:	Crown
Applicant:	British Columbia Timber Sales (BCTS)
Location(s):	Various
Legal Description(s)	Surveyed and Un-surveyed Crown Land
No. of Operating Areas	6 (40 total harvest areas)
Total Area:	2011.6 ha
New Roads:	56 segments
Road Length:	110.4 km total
Electoral Area(s):	Electoral Area C/Christina Lake; Electoral Area D/Rural Grand Forks; and Electoral Area E/West Boundary
Current Use(s):	Forest/Natural Resources
Land Use Bylaws	
OCP Bylaws:	
Electoral Area D	Bylaw No. 1555: Rural Resource 2
Electoral Area C	Bylaw No. 1250: Natural Resource
Other	
Floodplains/Watersheds	Multiple

History / Background Information

An Operating Plan is a planning document for the proposed harvesting of timber in a supply area. This includes the size and number of harvest areas, and the amount of new roads needed to access those areas. The practices for harvesting and road building are established in a Forest Stewardship Plan, a requirement of the *Forest and Range Practices Act* (FRPA). Operating plans include proposed development for multiple years.

BCTS has divided their Kootenay Business Area into four Development Units. Both the Arrow Development Unit and Boundary Development Unit are located in the RDKB.

Proposal

Operating Plan 16 includes both the Boundary Development Unit and Arrow Development Unit, with finalised harvesting blocks and harvesting blocks submitted for re-referral. These are depicted in orange and yellow, respectively, in the Attachment 1.

BCTS have proposed to harvest lumber in six operating areas, over 2,0112 ha of land, throughout Electoral Area C, D, and E. They are proposing 40 harvest areas (blocks) of various sizes in various locations and 56 new road segments, totalling 110.4 km. The tables below demonstrate the total harvest areas.

Operating Area Name	Number of Harvest Areas (Blocks)	Area (ha)
Gable/Granby	2	50.0
West Christina	9	300.8
Kettle South	5	332.2
Kettle Centre	9	283.8
Cochrane	3	125.1
Gloucester Amendment	12	839.0

Advisory Planning Commissions (APCs)

The referral was reviewed by the APCs for Electoral Area C/Christina Lake, Electoral Area D/Rural Grand Forks, and Electoral Area E/West Boundary at their April 2021 meetings.

Comments from Electoral Area C/Christina Lake APC:

- Logging within the Christina Lake watershed: there is always concerns about best practices
- APC would like an agent to attend when hearing these applications.

Comments from Electoral Area D/Rural Grand Forks APC:

The following motion was passed: *"that the report, Operating Plan 16, be postponed so APC can obtain clarification on:*

Definition of Other Reserves, Road permits verses forestry service roads.

In addition concerns were expressed regarding the number of actual roads that exist and what considerations there are regarding de-activation of any of the existing roads.

Further, what level of strip clear cutting within Granby Park exists and what future clear cutting is expected."

Comments from Electoral Area E/West Boundary APC:

- APC acknowledged that intent is shown to keep most cut block sizes below 40 ha or to do partial cuts and the APC stated they appreciate what BCTS is doing here.
- APC concerns at this stage are about new roads.
 - There was acknowledgement that more information about road segments was provided. However, it wasn't clear how much of the 110 km of new road would be deactivated.
 - We weren't sure what the different Road Types meant.

The following motion was passed: *"the APC recommends to the Regional District that the referral be Supported with the condition that the proponent follows protocols for road deactivation upon completion of harvesting and planting."*

Implications

Land Use Considerations

Electoral Area C has one Operating Area, "West Christina", within it. The Operating Plan proposes to harvest from two different areas over a total of 50 ha of land. These lands are designated "Natural Resource" in Official Community Plan Bylaw No. 1250.

Electoral Area D contains two Operating Areas: "Gable/Granby" and "Gloucester Amendment". The Operating Plan proposes to harvest from 14 different areas over a total land mass of 889 ha. These lands are designated "Rural Resource 2" in Official Community Plan Bylaw No. 1555.

Both the Natural Resource and Rural Resource 2 land use designations seek to manage natural resources in an environmentally sustainable manner. The Operating Plan is consistent with the policies for these land use designations. With the proper precautions in place under the *FRPA* and the current Forest Stewardship Plan, the Operating Plan is also consistent with the objectives for this designation.

Electoral Area E contains the remaining three Operating Areas: "Cochrane", "Kettle Centre", and "Kettle South". Harvesting is proposed in 17 different areas over a total land mass of 741 ha. Electoral Area E does not have any land use planning bylaws in place to provide a policy directive for the proposed harvest area.

Watercourses

There are several creeks and tributaries in these areas, as well as existing cut blocks, and access roads. All forest operations on Crown land in BC are governed by the *FRPA* and its regulations. Objectives with regard to carrying out primary forest activities in watersheds and riparian areas are outlined in the *Forest Planning and Practices Regulation* Sections 47-62. These Sections set restrictions on harvesting in riparian and watershed areas.

The RDKB has no authority on logging activity, the materials provided are for reference

and comment only. The Ministry of Forests, Lands, Natural Resource Development, and Rural Development (FLNRORD) is also responsible for enacting and enforcement of logging regulations that are referenced in this Forest Stewardship Plan, including the *Forest Planning and Practices Regulation* and the *Forest Practices Code of British Columbia Act* in 2002.

Comments from Watershed Planner

- Continue to minimizing the building of new roads as much as possible, and that regular maintenance and a long term plans are included. Roads are shown on the Geographic Information System (GIS) layer that are not obviously attached to specific cut blocks such as west of Gable Creek Recreation Sites and west of Gladstone Park. Ensure access restrictions are in place where possible.
- Encourage winter harvesting where possible as this can help protect dormant undergrowth.
- Consider selective harvesting where possible.
- Take into consideration the soil sensitivity of the site regarding the sites ability to effectively re-vegetate and in a timely manner.
- Reduce the potential for isolating Old Growth Management Areas (OGMAs), which in turn allows for wildlife corridors to remain intact. Blocks do not appear to be located in or adjacent to OGMA's, but some blocks appear to be located in Provincially recognized wildlife corridors – planning should be considered to minimize and reduce impact as much as possible.
- Recommend to have a hydrological assessment completed for all proposed harvest blocks. The Equivalent Clearcut Area (ECA) provides a quick estimate of approximate hydrological response following a cut. However, there is sufficient uncertainty using the ECA as a determinant of hydrological response that an in-depth hydrological review of all sites could be warranted (including identification of the snow sensitive zone).
- Consider hydrological impacts that would be present both at average precipitation and stream flow year, as well as at a high precipitation/stream flow year. The use of the ECA is identified as highly simplified representation of the complex linkage between forest stands, topography, surficial geology, and stream networks. The research is showing that the higher the return period (i.e. 1 in 100 year event) the greater the percentage of the hydrological impact.
- Continued protection of riparian areas for all streams (including S6).
- Minimize harvesting above the snow sensitive zone for each watershed. Recent research suggests that harvesting within this Snow Sensitive Zone in the Kettle River watershed may have a greater hydrological response resulting in higher downstream impact (resulting in both fluvial and geohazard impacts).
- Any surface and shallow groundwater water licence holders (or associated water works) in the proposed blocks: work to either avoid these areas, their catchment areas upstream, or with the licence holder to towards an agreed upon plan. Note, it does not appear that there are any active water licences (points of diversion) located in the proposed blocks.

- If possible, please provide the final block location and size to the RDKB Watershed Planner along with a rationale if the block size is required to be over 40 hectares.

The Boundary Integrated Watershed Service (BIWS) of the RDKB appreciates the level of detail provided in the document *"Supporting Document for the BCTS Forest Stewardship Plan #601"*, specifically addressing the need to focus on the many forest resource values as identified in Section 5.

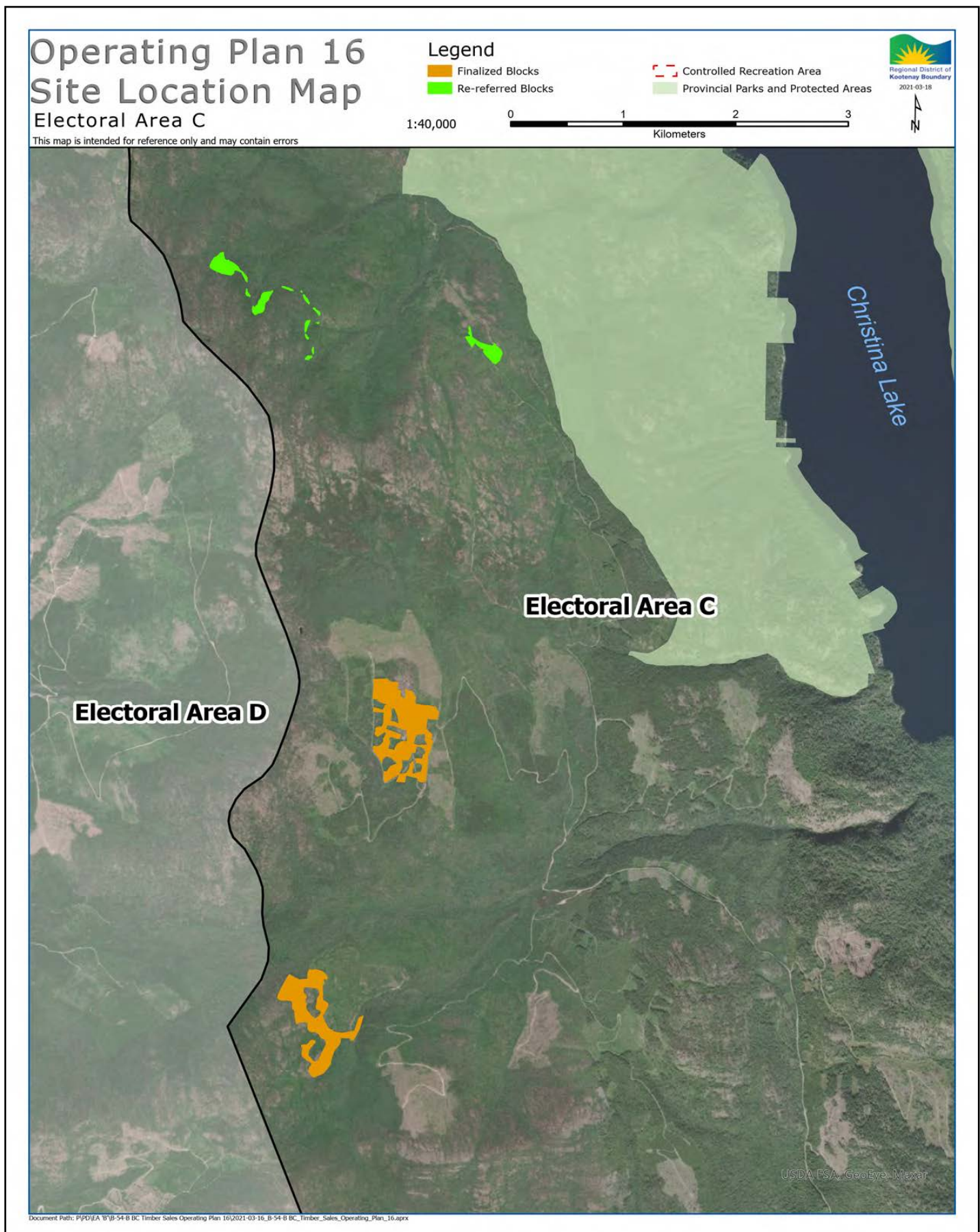
As outlined via the 58 Action Items identified in the RDKB Kettle River Watershed Management Plan, the RDKB remains focused towards doing what we can to support healthy Boundary watersheds. Understanding the importance of the social, economic, environmental and cultural components of our watershed, the BIWS supports the belief that identifying interactions of these different components, cumulative impacts, on each other and the land will allow for better long-term management, ultimately towards sustainability and thriving ecosystems.

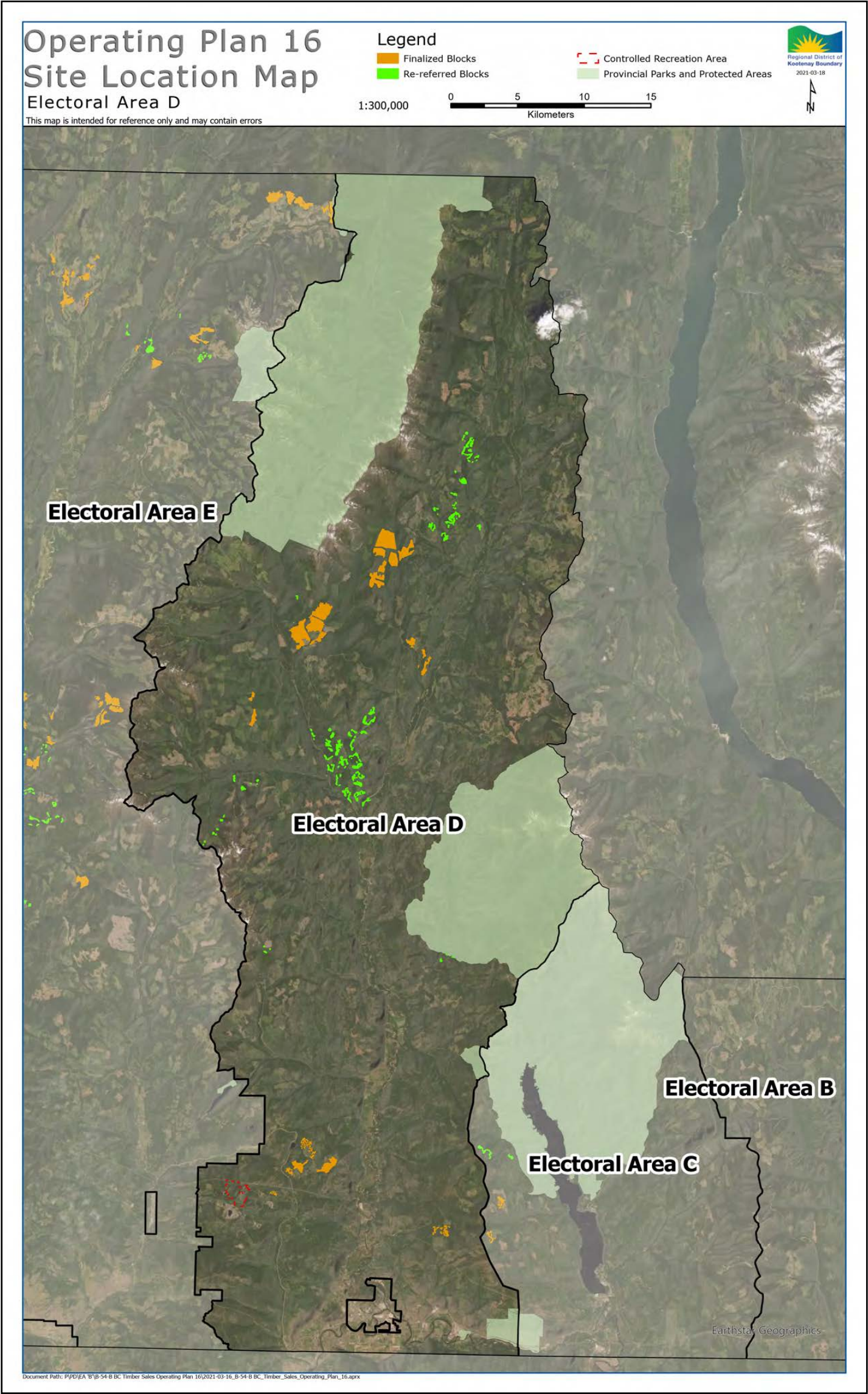
Staff Recommendation

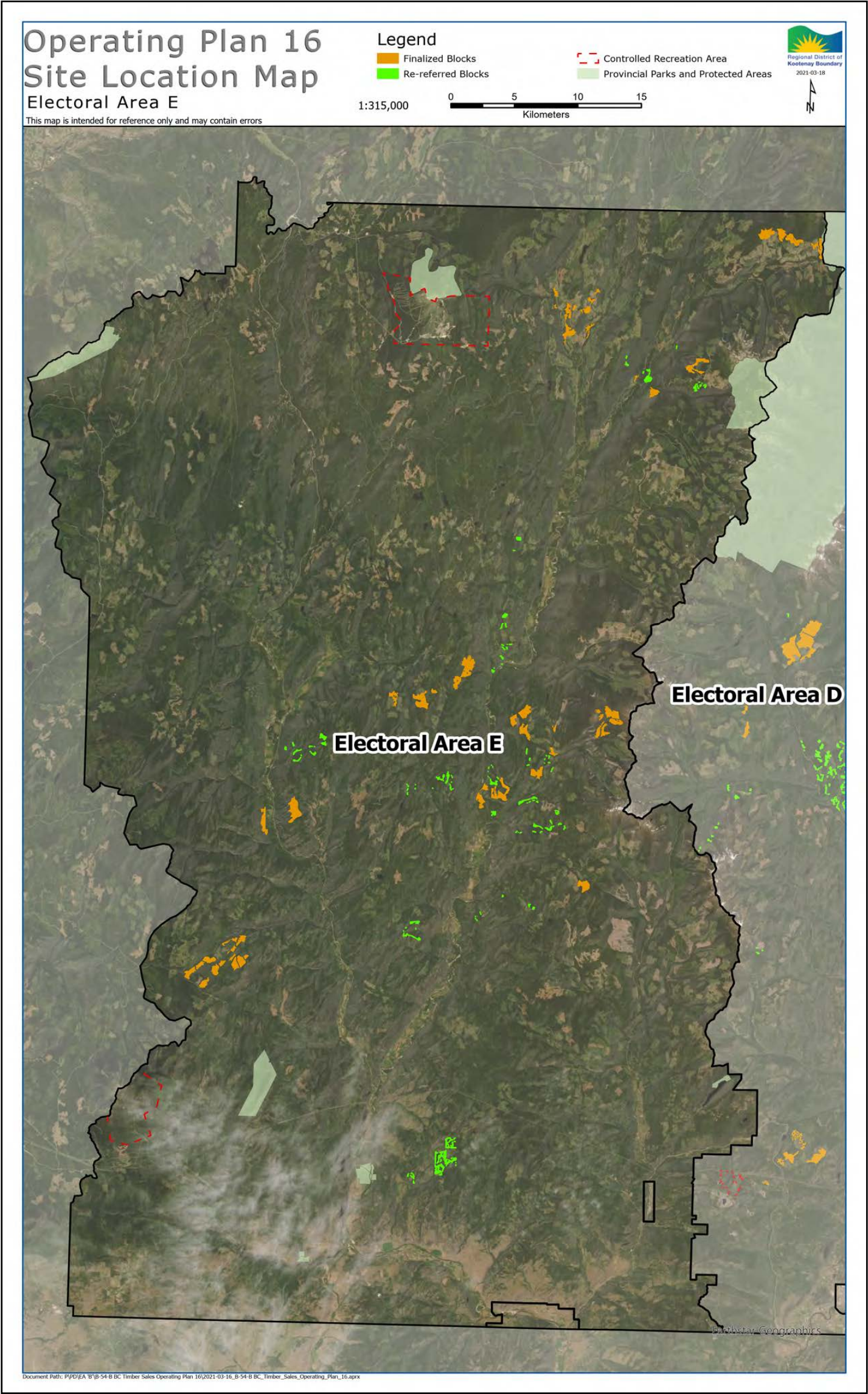
That the Regional District of Kootenay Boundary Board of Directors direct staff to forward this staff report "Forestry Referral: BC Timber Sales (BCTS) Operating Plan 16," dated April 29, 2021, which includes comments from the Electoral Area C/Christina Lake, Electoral Area D/Rural Grand Forks, and Electoral Area E/West Boundary Advisory Planning Commissions and staff to British Columbia Timber Sales for consideration.

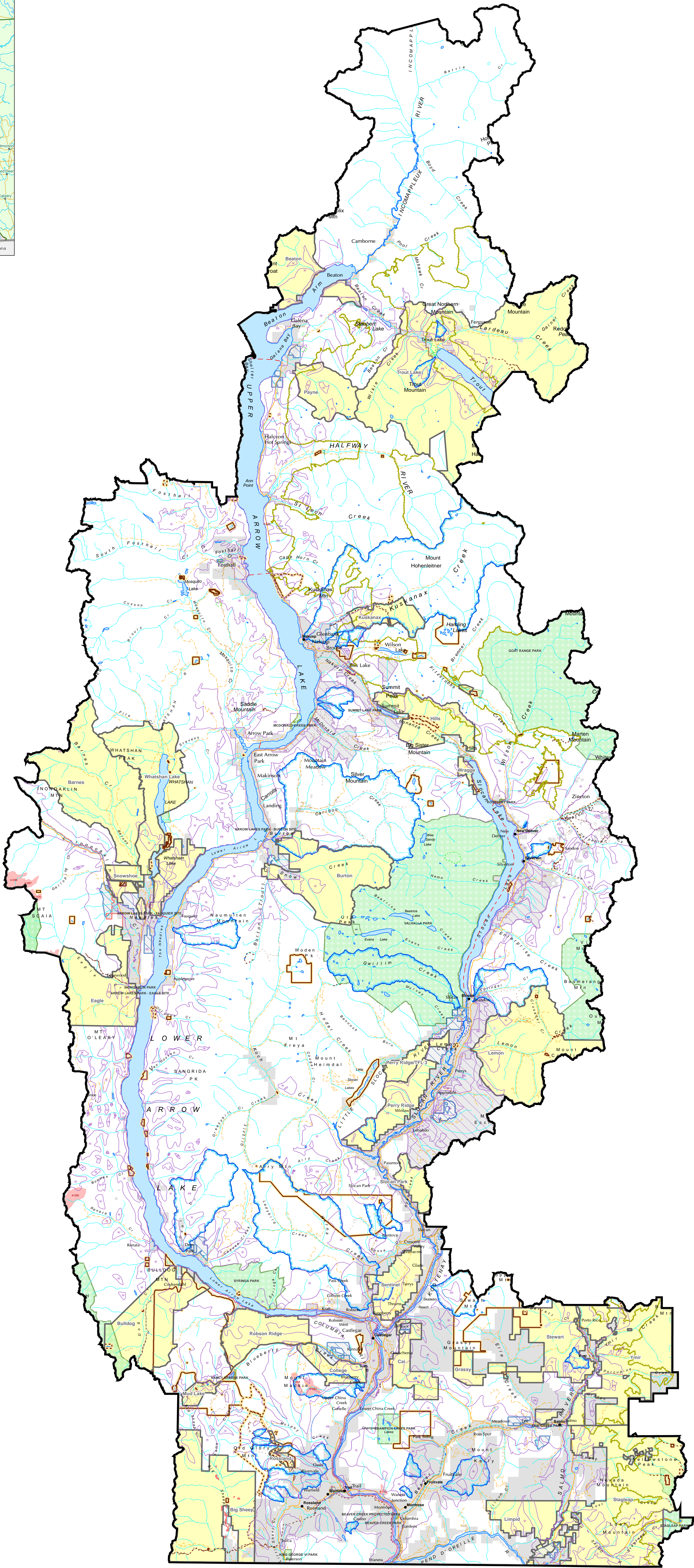
Attachments

1. Operating Plan 16 Site Location Map (RDKB)
2. Boundary Forest and Arrow Forest Development Unit Map 2017-2022 (BCTS)
3. Operating Area Maps (BCTS)
4. BCTS List of Proposed Blocks and Roads Data Table









Selkirk Natural Resource District
Forest Stewardship Plan
2017-2022

Arrow Forest Development Unit Map

March 11, 2016

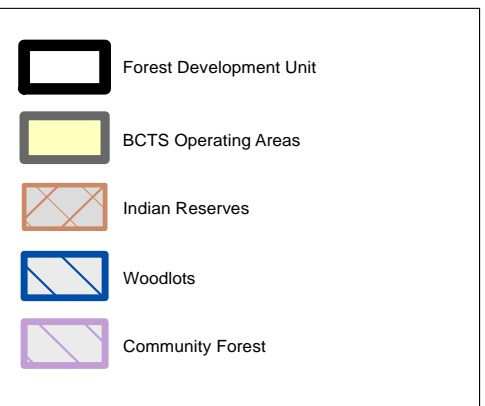


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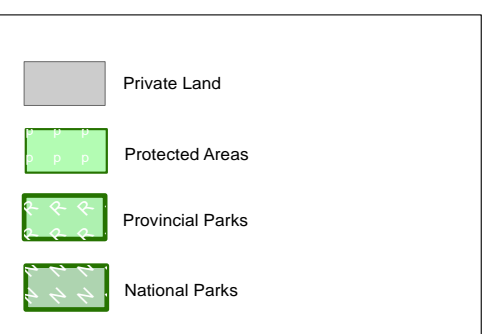
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LEGEND

Planning Units



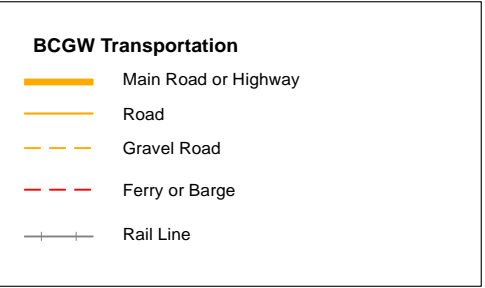
FSP Excluded Areas

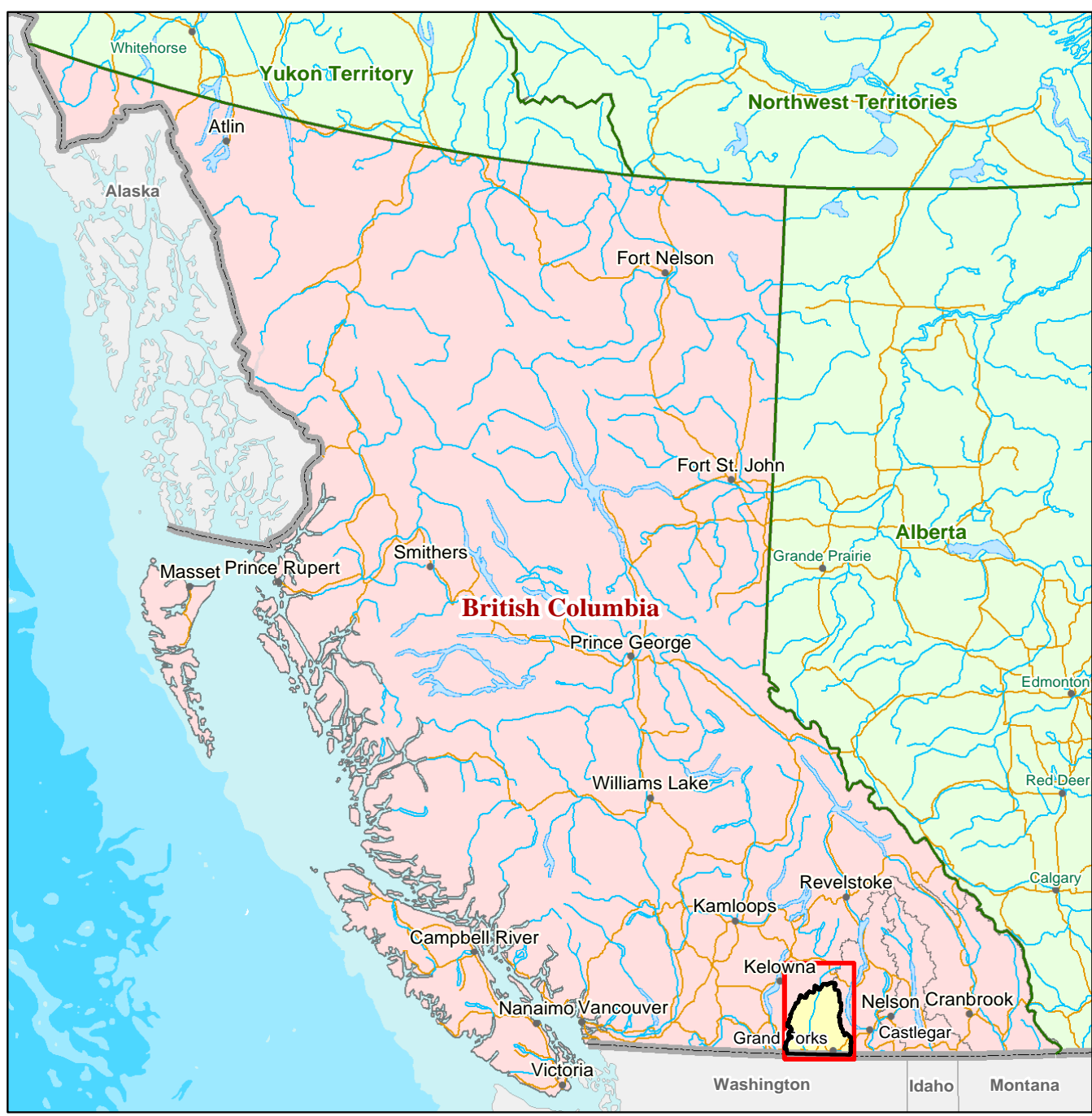


Resource Management



Access Management





Selkirk Natural Resource District
Forest Stewardship Plan
2017-2022

Boundary Forest Development Unit Map

February 4, 2016

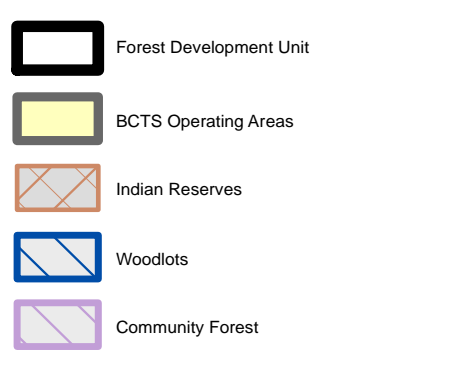


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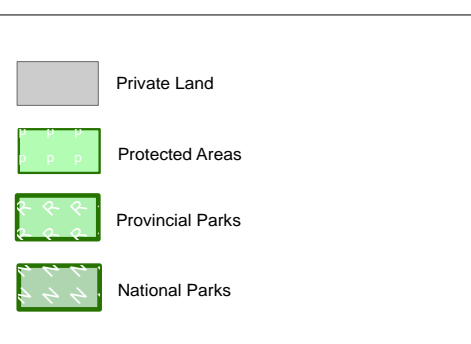
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LEGEND

Planning Units



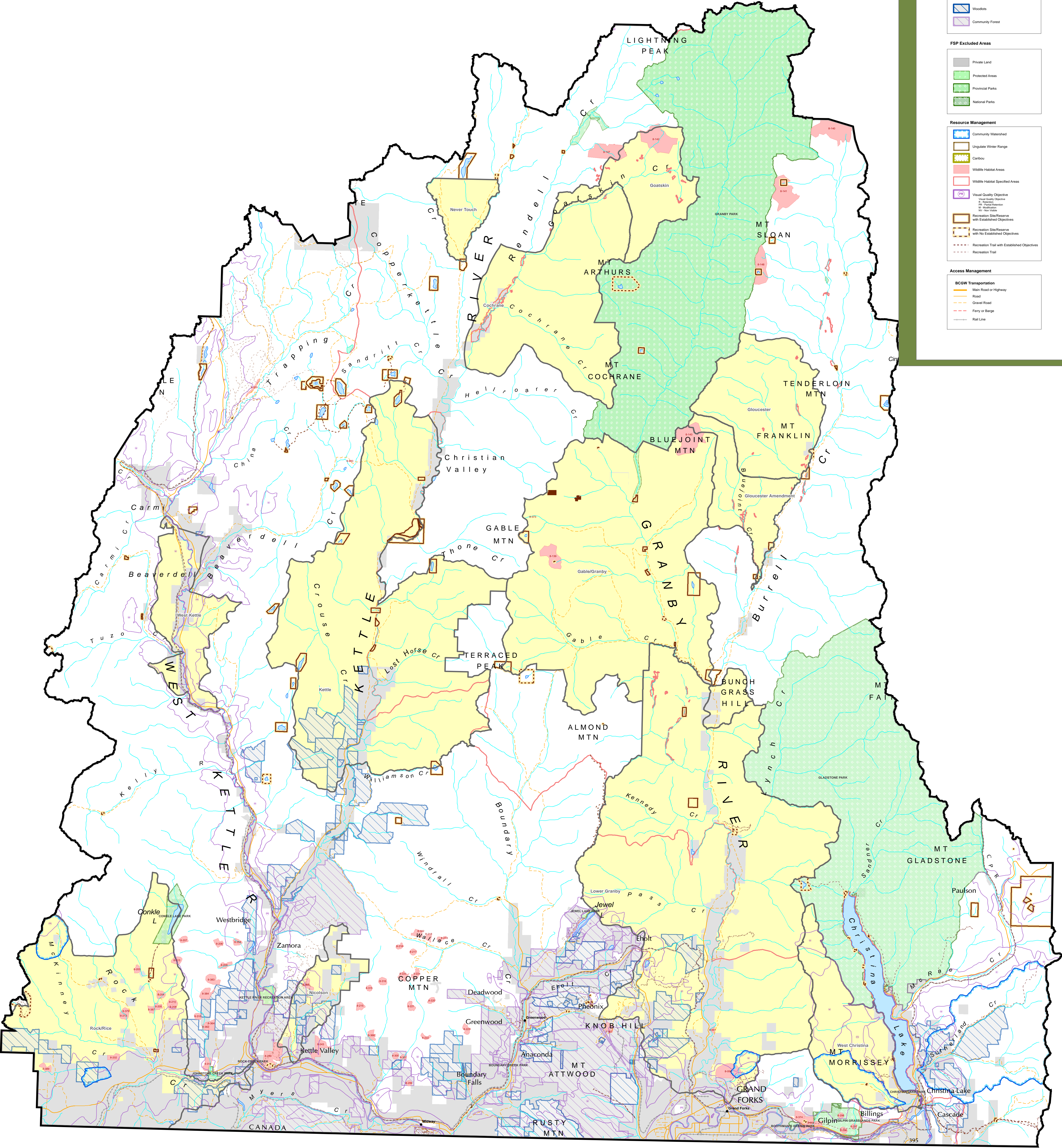
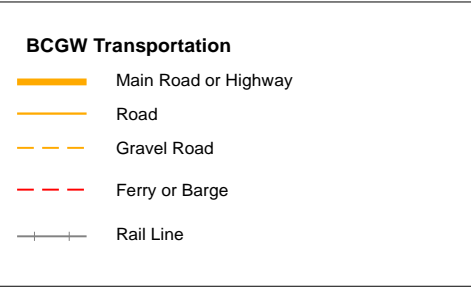
FSP Excluded Areas



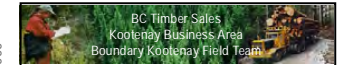
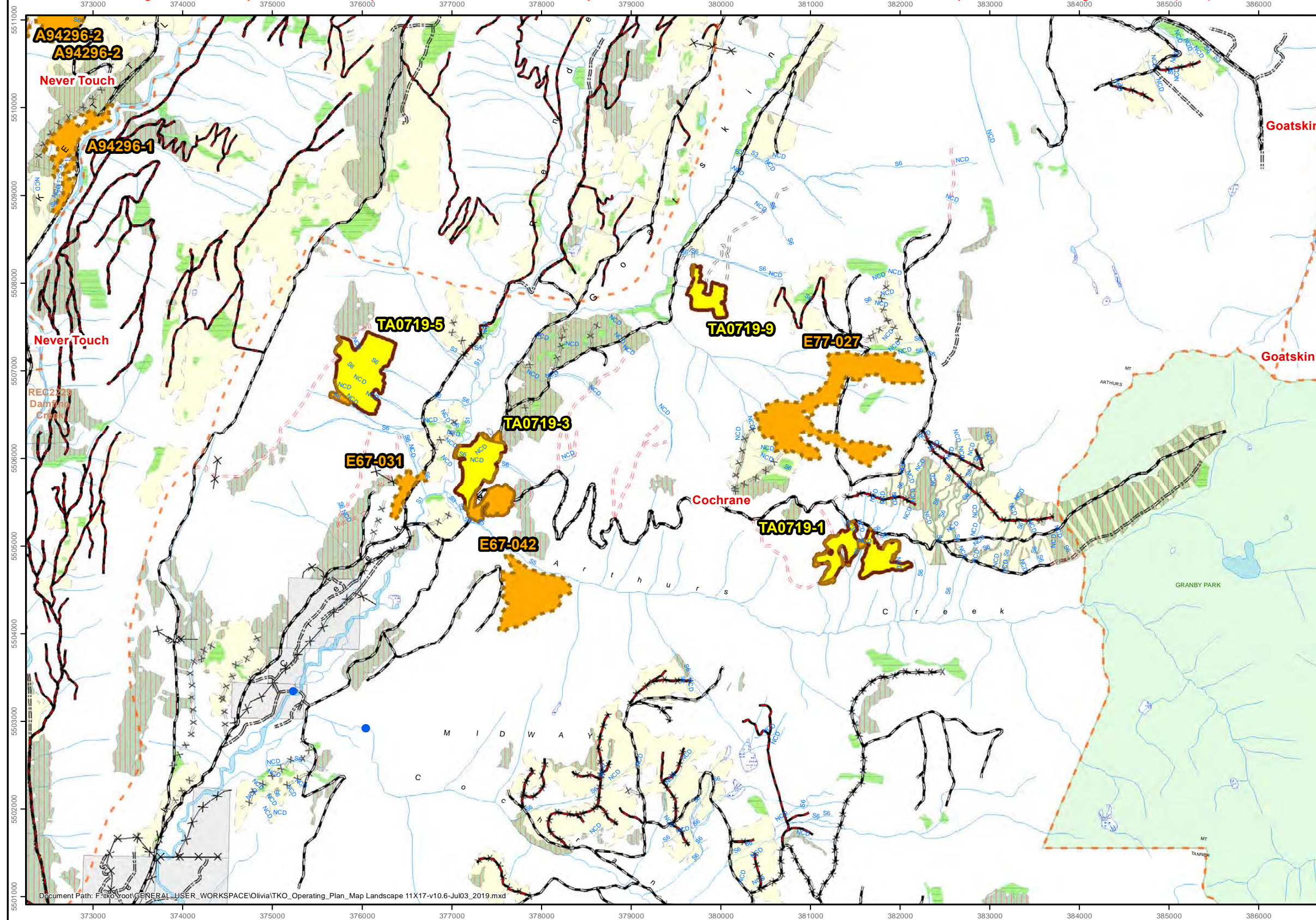
Resource Management



Access Management



Please note that the orange-coloured areas on the map are “information gathering polygons”. By consulting on a larger area, it introduces flexibility for smaller cutblocks and roads to be developed within, as concerns are identified and accommodated during our consultation process. It is not anticipated that this entire area will be developed. Final cutblocks will not exceed the maximum cutblock sizes as per the Forest and Range Practices Act (FRPA).



Operating Plan #16 Boundary Cochrane

- POD
- OP 16 Re-Referral Silvers
- OP 16 Proposed Blocks
- Previously Referred Blocks Final
- Operating Areas
- Road Permit
- Forest Service Road
- Deactivated Road
- Existing Road
- Proposed Road
- Cattlegrads
- Fence
- Corral
- Wildlife Tree Reserve Area
- Other Reserves
- Amending Silviculture Prescription; Approved
- Stream
- Wetland
- Waterbodies
- Private land
- Protected Areas
- Parks
- Recreation Area



Important: Proposed blocks and roads are preliminary planning shapes only; final block boundaries and road locations, shape, size and reserve timber will be determined following field work and assessments.

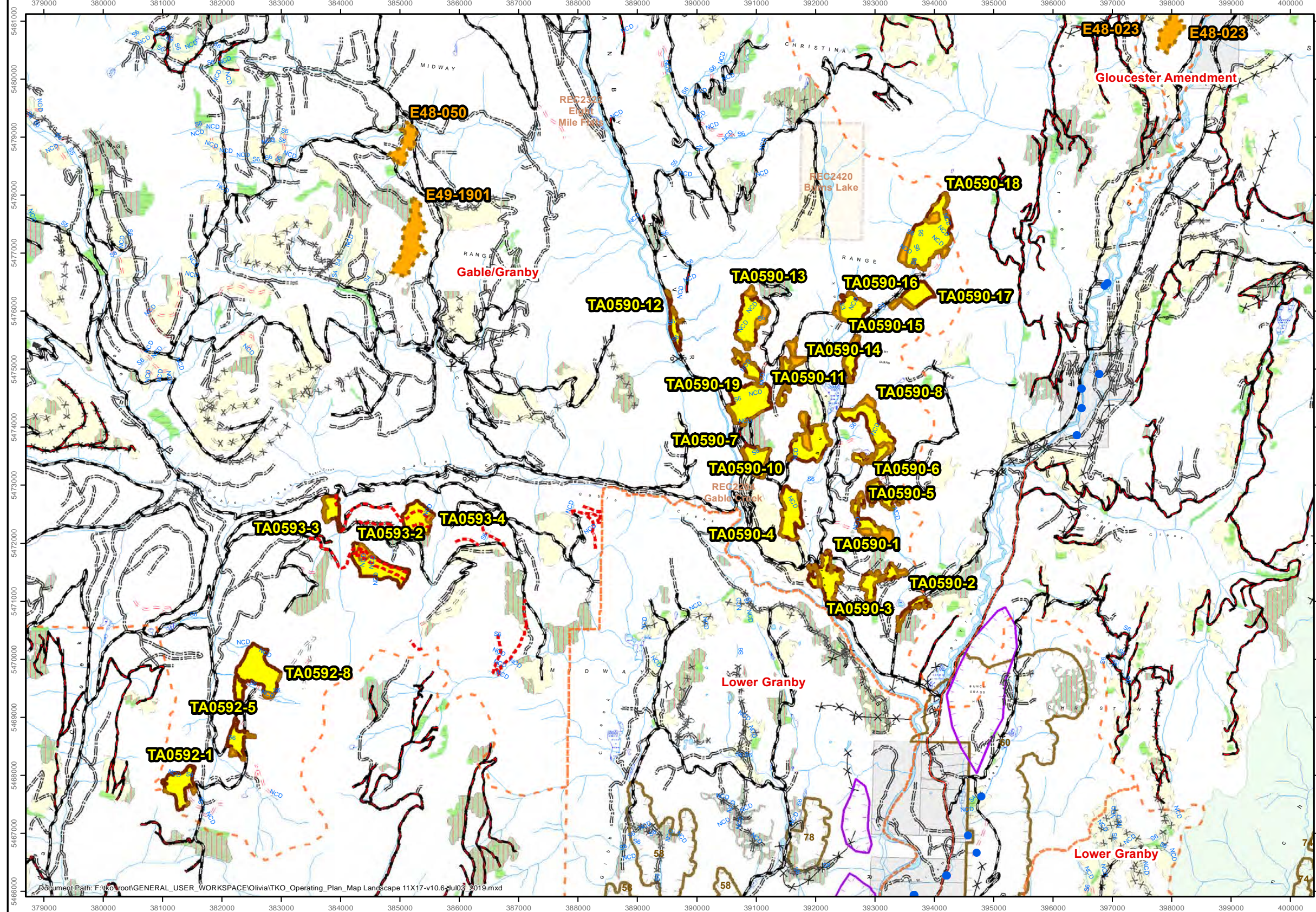
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Projection: UTM Zone 11, NAD83
Digital Mapping Base: TRIM - 1:20,000

Date of Print File
Creation: February 22, 2021



Please note that the orange-coloured areas on the map are “information gathering polygons”. By consulting on a larger area, it introduces flexibility for smaller cutblocks and roads to be developed within, as concerns are identified and accommodated during our consultation process. It is not anticipated that this entire area will be developed. Final cutblocks will not exceed the maximum cutblock sizes as per the Forest and Range Practices Act (FRPA).



Operating Plan #16 Boundary Gable/Granby

- POD
- OP 16 Proposed Roads
- OP 16 Re-Referral Slivers
- OP 16 Proposed Blocks
- Previously Referred Blocks Final
- Operating Areas
- MOT Roads
- Road Permit
- Forest Service Road
- Deactivated Road
- Existing Road
- Proposed Road
- Road (Unknown State)
- Recreation Trail
- Mountain Goat Range
- Ungulate Winter Range
- Troughs
- Cattlegrazes
- Fence
- Wildlife Tree Reserve Area
- Other Reserves
- Amending Silviculture Prescription; Approved
- Stream
- Wetland
- Waterbodies
- Private land
- Parks
- Recreation Area



Important: Proposed blocks and roads are preliminary planning shapes only; final block boundaries and road locations, shape, size and reserve timber will be determined following field work and assessments.

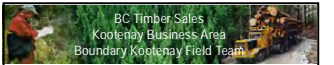
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Date of Print File
Creation: February 22, 2021



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Operating Plan #16 Boundary Gloucester Amendment

- POD
- OP 16 Proposed Roads
- OP 16 Re-Referal Silvers
- OP 16 Proposed Blocks
- Previously Referred Blocks Final
- Operating Areas
- Road Permit
- Forest Service Road
- Deactivated Road
- Existing Road
- Proposed Road
- Road (Unknown State)
- Recreation Trail
- Mountain Goat Range
- Troughs
- Cattlegrazes
- Fence
- Wildlife Tree Reserve Area
- Other Reserves
- Amending Silviculture Prescription; Approved
- Stream
- Wetland
- Waterbodies
- Private land
- Protected Areas
- Parks
- Recreation Area



Important: Proposed blocks and roads are preliminary planning shapes only; final block boundaries and road locations, shape, size and reserve timber will be determined following field work and assessments.

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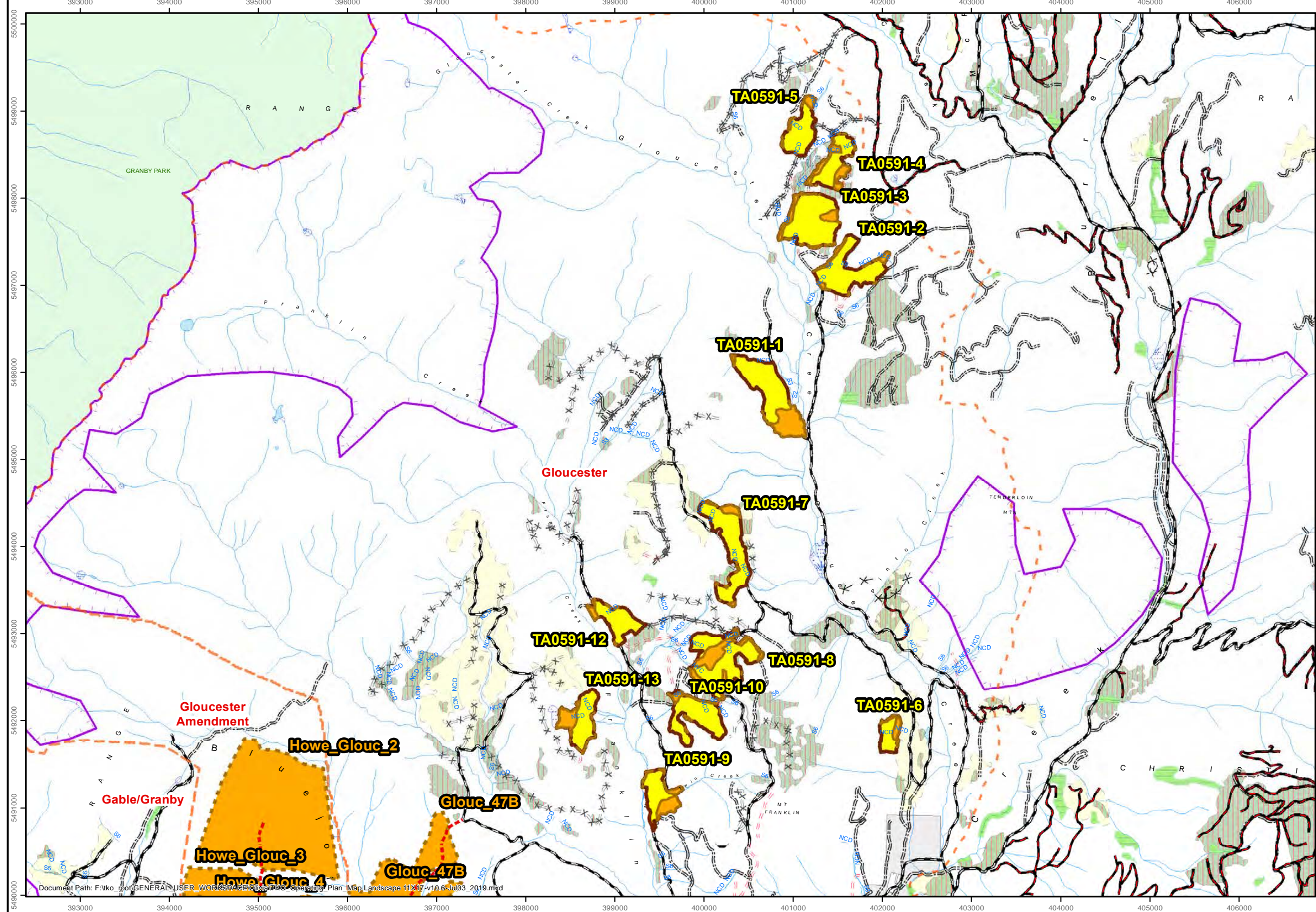
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Date of Print File
Creation: February 22, 2021



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Please note that the orange-coloured areas on the map are “information gathering polygons”. By consulting on a larger area, it introduces flexibility for smaller cutblocks and roads to be developed within, as concerns are identified and accommodated during our consultation process. It is not anticipated that this entire area will be developed. Final cutblocks will not exceed the maximum cutblock sizes as per the Forest and Range Practices Act (FRPA).



Operating Plan #16 Boundary Gloucester

- OP 16 Proposed Roads
- OP 16 Re-Referral Slivers
- OP 16 Proposed Blocks
- Previously Referred Blocks Final
- Operating Areas
- Road Permit
- Forest Service Road
- Deactivated Road
- Existing Road
- Proposed Road
- Recreation Trail
- Mountain Goat Range
- Troughs
- Fence
- Wildlife Tree Reserve Area
- Other Reserves
- Amending Silviculture Prescription, Approved
- Stream
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- Waterbodies
- Private land
- Protected Areas
- Parks



Important: Proposed blocks and roads are preliminary planning shapes only; final block boundaries and road locations, shape, size and reserve timber will be determined following field work and assessments.

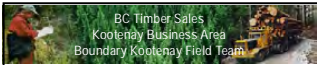
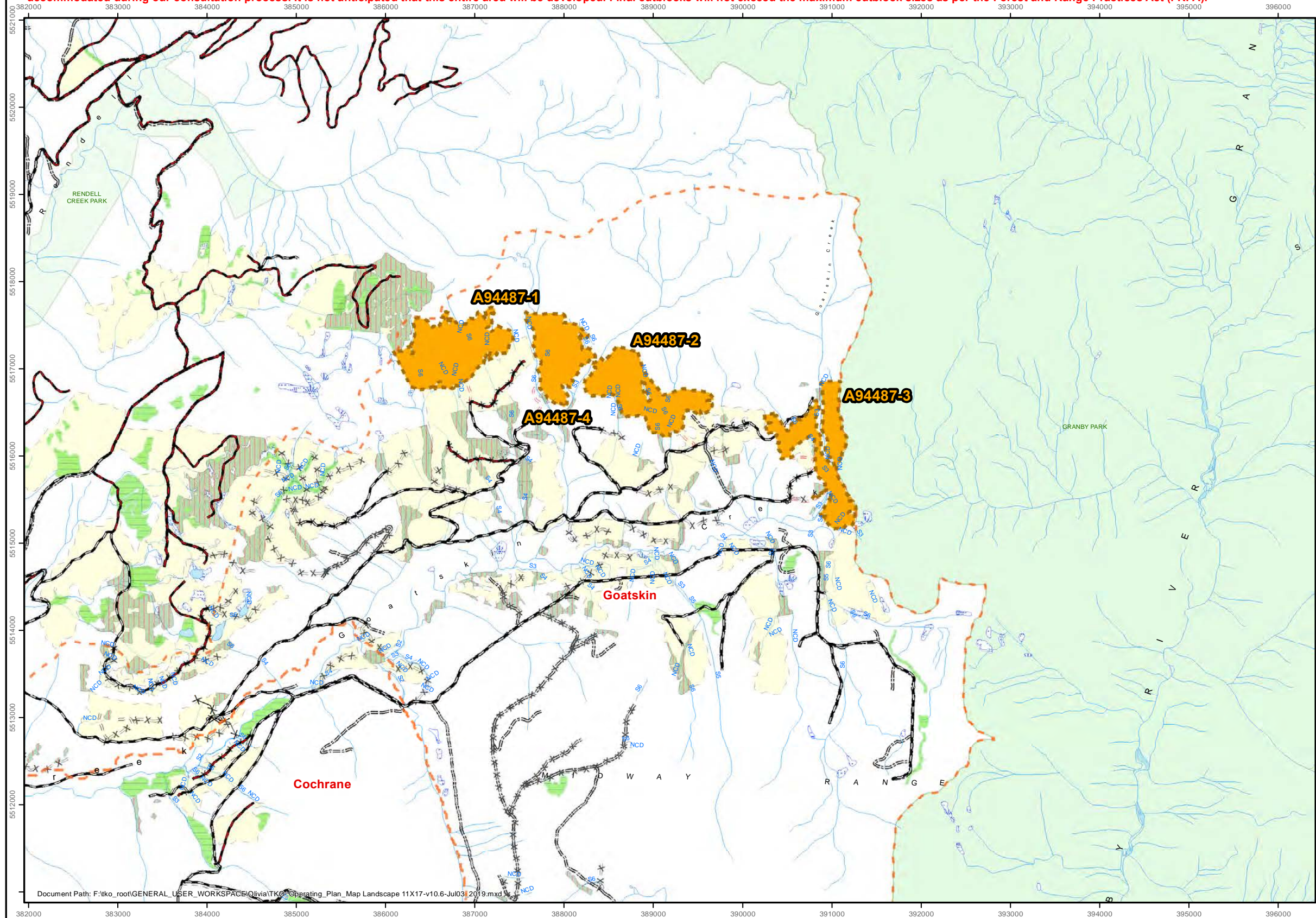
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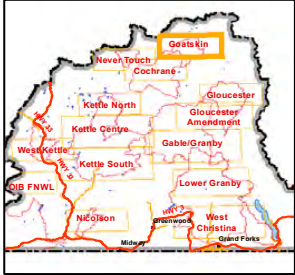


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**Operating Plan #16
Boundary
Goatskin**

- OP 16 Proposed Blocks
- Operating Areas
- Road Permit
- Forest Service Road
- Deactivated Road
- Existing Road
- Proposed Road
- Cattlegrids
- Fence
- Wildlife Tree Reserve Area
- Other Reserves
- Amending Silviculture Prescription; Approved
- Stream
- Wetland
- Waterbodies
- Protected Areas
- Parks



Important: Proposed blocks and roads are preliminary planning shapes only; final block boundaries and road locations, shape, size and reserve timber will be determined following field work and assessments.

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Kilometers

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Projection: UTM Zone 11, NAD83
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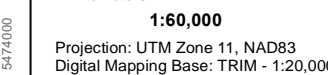
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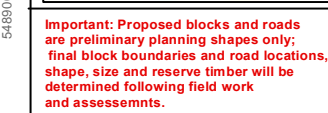
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Important: Proposed blocks and roads are preliminary planning shapes only; final block boundaries and road locations, shape, size and reserve timber will be determined following field work and assessemnts.




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Developed Blocks				
Map Name	Block	Area (ha)	Associated Road(s)	Blocks that have had at least some initial development and assessments completed
Nevertouch	A94296-1	22.1		OP12 Blocks that require re-referral
Nevertouch	A94296-2	28.8		OP12 Blocks that require re-referral
Nevertouch	A94296-3	13.5		OP12 Blocks that require re-referral
Nevertouch	A94296-4	9.5		OP12 Blocks that require re-referral
Nevertouch	A94296-5	9		OP12 Blocks that require re-referral
Nevertouch	A94296-6	103.9		OP12 Blocks that require re-referral
Nevertouch	A94296-7	4.7		OP12 Blocks that require re-referral
Nevertouch	A94296-8	16.9		OP12 Blocks that require re-referral
Goatskin	A94487-1	73.6		OP12 Blocks that require re-referral
Goatskin	A94487-2	64		OP12 Blocks that require re-referral
Goatskin	A94487-3	57		OP12 Blocks that require re-referral
Goatskin	A94487-4	46.3		OP12 Blocks that require re-referral
Kettle	TA1154-3	38.1		
Kettle Centre	TA1600-1	37.3		
Kettle Centre	TA1600-4	37.3		
Kettle Centre	TA1600-5	31.3		
Kettle Centre	TA1600-6	39.2		
Kettle Centre	TA1600-7	27.5		
Kettle Centre	TA1600-8	18.6		
Kettle	TA1414-8	36.8		
Kettle	TA1414-9	38.1		
Kettle	TA1414-11	43.8		
Kettle	TA1414-12	42.7		
West Kettle	WK_2101	119.3		
West Kettle	W_Kettle_23	64.9		
OIB FNWL Blocks				
Map Name	Block	Area (ha)	Associated Road(s)	
OIB FNWL	KN001	10		BCTS Agreement with Okanagan Indian Band
OIB FNWL	KN002	36		BCTS Agreement with Okanagan Indian Band
OIB FNWL	KN003	41		BCTS Agreement with Okanagan Indian Band
OIB FNWL	KN004	9		BCTS Agreement with Okanagan Indian Band
OIB FNWL	KN005	14		BCTS Agreement with Okanagan Indian Band
OIB FNWL	KN006	32		BCTS Agreement with Okanagan Indian Band
OIB FNWL	KN007	20		BCTS Agreement with Okanagan Indian Band
OIB FNWL	KN008	15		BCTS Agreement with Okanagan Indian Band
OIB FNWL	KN009	38		BCTS Agreement with Okanagan Indian Band
OIB FNWL	KN010	38		BCTS Agreement with Okanagan Indian Band
OIB FNWL	KN011	21		BCTS Agreement with Okanagan Indian Band
OIB FNWL	KN012	41		BCTS Agreement with Okanagan Indian Band
OIB FNWL	KN013	34		BCTS Agreement with Okanagan Indian Band

BCTS Operating Area Blocks					
Map Name	Block Name	Area (ha)	Associated Roads	Forest Health	Comments
West Christina	E09-010	41.4			Second pass planned for older patch cut that has reached free-growing
West Christina	E09-042	22.2	RDWC_2201	Fd-DRA, Lw-DML	
West Christina	E18-023G	9.2			Second pass planned for older patch cut that has reached free-growing
West Christina	E18-025	16.4		DRA	Overlaps Thimble mountain trail
West Christina	E18-026	51.6		DRA	Overlaps Thimble mountain trail
West Christina	E18-028	43.6		DRA and IBM	Second pass planned for older patch cut that has reached free-growing
West Christina	E18-031	6.1		DRA	
West Christina	E18-032A	80		DRA throughout	
West Christina	E019-051	30.3		Lw-DML	Second pass planned for older patch cut that has reached free-growing
Gloucester Amendment	E48-014	31.2			Comments in recce db say that adjacent block is greened up
Gloucester Amendment	E48-023	36			
Gloucester Amendment	E48-024	13.5	RDGA_2201		
Gable Granby	E48-050	15			
Gable Granby	E49-1901	35	Some existing old road, will	N/A	
Kettle South	E36-21	14.7			in UWR U8-008 P Cell 14, SIC area currently in deficit, therefore partial cut only. Will be recced for partial cut potential
Kettle South	E36-26	65.6			in UWR U8-008 P Cell 14, SIC area currently in deficit, therefore partial cut only. Will be recced for partial cut potential
Kettle South	E36-31	87.7			in UWR U8-008 P Cell 14, SIC area currently in deficit, therefore partial cut only. Will be recced for partial cut potential
Kettle South	E37-14	59			Final developed block planned to be <40ha
Kettle Centre	E46-027	55.6			Final developed block planned to be <40ha
Kettle South	E46-030	56.8			Final developed block planned to be <40ha
Kettle Centre	E46-031	35.1			
Kettle Centre	E46-032	62.2			Final developed block planned to be <40ha
Kettle Centre	E47-039	20			
Kettle Centre	E47-041	9		Minor Grey/green MPB	
Kettle Centre	E47-042	1.2		Minor Grey/green MPB	
Cochrane	E67-031	7.7			
Cochrane	E67-042	38.3			
Cochrane	E77-027	79.1			2019 ECA show low possibility of change from development in sub basin 1. Final developed block planned to be <40ha
Kettle Centre	Kettle_35	98.2			Final developed block planned to be <40ha
Kettle Centre	Kettle_37	12			
Kettle Centre	Kettle_41	38.9			
Gloucester Amendment	Glouc_47B	86			Final developed block planned to be <40ha
Gloucester Amendment	Howe_Glouc_1	33			
Gloucester Amendment	Howe_Glouc_2	170	RDGA_2202		Final developed block (or blocks) planned to be <40ha
Gloucester Amendment	Howe_Glouc_3	52			Final developed block planned to be <40ha
Gloucester Amendment	Howe_Glouc_4	60	RDGA_2203		Final developed block planned to be <40ha
Gloucester Amendment	Granby_North_5A	130			Final developed block (or blocks) planned to be <40ha
Gloucester Amendment	Granby_North_5B	38			
Gloucester Amendment	Granby_North_5C	91			Final developed block (or blocks) planned to be <40ha
Gloucester Amendment	Granby_North_5D	179			Final developed block (or blocks) planned to be <40ha

Map Name	Road	Length (m)	Associated Block(s)	Road Type
OIB FNWL	Spur 2	329.7	KN002	Reconstruction
OIB FNWL	Spur 2	161.3	KN002	Reconstruction
OIB FNWL	SPUR 2	708.4	KN002	New Temporary Road
OIB FNWL	SPUR 2	71.1	KN002	New Temporary Road
OIB FNWL	KN003 SPUR 1	1194.9	KN003	New Temporary Road
OIB FNWL	Spur 3 KN004	469.9	KN004	New Temporary Road
OIB FNWL	R08605 SEC.A	2848.4	KN004	Reconstruction
OIB FNWL	O14155	1067.9	KN005	Reconstruction + Road Permit
OIB FNWL	spur 1		KN005	Reconstruction
OIB FNWL	spur 1	1289.2	KN005	New Temporary road
OIB FNWL	39-300	556.0	KN007	Reconstruction
OIB FNWL	Spur1	1245.5	KN007	Reconstruction
OIB FNWL	spur 1	1129.0	KN008	New Temporary Road
OIB FNWL	Spur 2	945.7	KN010	New Temporary Road
OIB FNWL	Kelly Rd.	493.1	KN012	Forest Service Road
OIB FNWL	O14160	38.0	KN013	Road Permit
OIB FNWL	Spur 1	1039.9	KN013	New Temporary Road
OIB FNWL	Spur 2	345.9	KN013	New Temporary Road
OIB FNWL	R08605 SEC D.	561.7	KN-A	Reconstruction
OIB FNWL	R08605 SEC E.	456.1	KN004	Reconstruction
Thone	Thone 8600	1330.1	OP17 Blocks	Proposed
Thone	T8-6300	479.6	OP17 Blocks	Proposed
Thone	T8-6400	872.2	OP17 Blocks	Proposed
Thone	T9-10000	256.6	OP17 Blocks	Proposed
Thone	T9-5500	737.3	OP17 Blocks	Proposed
Thone	T9-8600	189.4	OP17 Blocks	Proposed
Thone	T9-9000	521.2	OP17 Blocks	Proposed
Thone	T9-9010	168.5	OP17 Blocks	Proposed
Thone	T9-9200	342.9	OP17 Blocks	Proposed
Thone	T9-9210	240.8	OP17 Blocks	Proposed
Thone	T9000 ext	3506.0	OP17 Blocks	Proposed
Gable/Granby	BD0018.118 (Rob Road)	2688		
Gable/Granby	BDTA1154Blk1Spur1	2810.6	TA1154 - 1	Proposed
Gable/Granby	BDTA1154Blk2Spur3	793.1	TA1154 - 2	Proposed
Gable/Granby	BDTA1154Blk1Spur2	892.6	TA1154 - 1	Proposed
Gable/Granby	BDTA1154Blk2Spur3	204.7	TA1154 - 2	Proposed
Gable/Granby	BDTA1154Blk2Spur2	265.3	TA1154 - 2	Proposed
Gable/Granby	BDTA1154Blk3Spur1	955.6	TA1154 - 3	Proposed
Gable/Granby	BDTA1154Blk3Spur2	509.1	TA1154 - 3	Proposed
Lower Granby	BDTA1155Blk6Spur1	6492.3	TA1155 - 6	Existing
Lower Granby	BDTA1155Blk6SkidTrail	1194.0	TA1155 - 6	Existing
Lower Granby	BDTA1155Blk2SkidTrail	772.3	TA1155 - 2	Existing
West Christina	BDTA1155Blk3Spur2	564.7	TA1155 - 3	Proposed
West Christina	BDTA1155Blk3Spur3	132.0	TA1155 - 3	Proposed
West Christina	BDTA1155Blk2Spur1	384.9	TA1155 - 2	Existing
West Christina	BDTA1155Blk5Spur1	1906.4	TA1155 - 5	Proposed
West Christina	BDTA1155Blk7Spur1	487.8	TA1155 - 7	Existing
West Christina	BDTA1155Blk7Spur1	676.2	TA1155 - 7	Proposed
West Christina	BDTA1155Blk8Spur1	725.4	TA1155 - 8	Proposed
Lower Granby	BDTA1156Blk1Spur1	119.9	TA1156 - 1	Proposed
Lower Granby	BDTA1156Blk1Spur2	76.7	TA1156 - 1	Proposed
Lower Granby	BDTA1156Blk2Spur1	427.2	TA1156 - 2	Proposed
Lower Granby	BDTA1156Blk4Spur1	1906.6	TA1156 - 4	Proposed
Lower Granby	BDTA1156Blk7Spur1	1973.8	TA1156 - 7	Proposed
Lower Granby	BDTA1156Blk8Spur1	277.8	TA1156 - 8	Proposed
Lower Granby	BDTA1156Blk8Spur2	140.3	TA1156 - 8	Proposed
Lower Granby	BDTA1156Blk9Spur1	361.4	TA1156 - 9	Proposed
Gable/Granby	BD untenured1Option2	189.9	N/A	Proposed
Gable/Granby	BD untenured1Option2	350.4	N/A	Proposed
Gable/Granby	BD_untenured1	4672.6	N/A	Existing
West Christina	STEWART 18500	644.4	N/A	Existing
West Christina	STEWART 18500	1791.1	N/A	Proposed
West Christina	STEWART 18500	156.7	N/A	Proposed

Gable/Granby	RDGG_2003	1210.3	N/A	Proposed FSR
Gable/Granby	RDGG_2001	1482.9	N/A	Proposed
Gable/Granby	RDGG_2002	1223.2	N/A	Proposed
Gable/Granby	RDGG_2001	271.6	N/A	Existing
Gable/Granby	BDTA0593Blk3Spur1	204.3	TA0593 - 3	Proposed
Gable/Granby	BDTSLA84555Blk3Spur3	650.7	TA84555 - 3	Existing
Gable/Granby	BD0018.46South Gable 1	779.2	N/A	Existing
Gable/Granby	BDTA0593Blk4Spur2	1281.8	TA0593 - 4	Proposed
Gable/Granby	BDTA0593Blk4Spur1	790.6	TA0593 - 4	Proposed
Gable/Granby	BDTA0593Blk6Spur1	1135.2	TA0593 - 6	Proposed
Gable/Granby	BDTA0593Blk6Spur2	696.9	TA0593 - 6	Proposed
Gable/Granby	BDTA0593Blk5Spur1	763.2	TA0593 - 5	Proposed
Gable/Granby	BDTA0593Blk1Spur1	686.4	TA0593 - 1	Proposed
Gable/Granby	BDTA0593Blk1Spur1	439.1	TA0593 - 1	Proposed
Gable/Granby	XBDR17736secAA84556S	518.6	TA17736 - 84556	Existing
Gable/Granby	BD0018.66DMGable	605.4	N/A	Proposed
Kettle	RDK_2101	3071.7	TA1600-1	Long Term
Kettle	RDK_2101	611.0	TA1600-8	Long Term
Kettle	RDK_2102	454.2	TA1600-4	Long Term
Kettle	RDK_2102	2772.1	TA1600-4	Long Term
Kettle	RDK_2103	658.2	TA1600-1	Short term
Kettle	RDK_2104	620.0	TA1600-6	Short term
Kettle	RDK_2105	271.5	TA1600-7	Long Term
Kettle	RDK_2105	847.5	TA1600-7	Long Term
Kettle	RDK_2106	488.0	TA1600-7	Short term
Kettle	RDK_2107	542.2	TA1600-8	Short term
Kettle	RDK_2114	4057.3	TA1414-4	Long Term
Kettle	RDK_2115	938.4	TA1433-5	FSR
Kettle	RDK_2116	1727.6	TA1433-4	Long Term
Kettle	RDK_2120	204.9	TA1600-1	Short term
Kettle	RDK_2121	214.7	TA1600-4	Short term
Kettle	RDK_2122	604.2	TA1413-1	Short term
Kettle	RDK_2123	77.0	TA1413-1	Short term
Kettle	RDK_2124	227.2	TA1413-1	Short term
Kettle	RDK_2125	593.7	TA1413-2	Long Term
Kettle	RDK_2126	184.9	TA1413-2	Long Term
Kettle	RDK_2127	1379.1	TA1413-3	Long Term
Kettle	RDK_2128	335.9	TA1413-3	Short term
Kettle	RDK_2129	169.2	TA1413-3	Short term
Kettle	RDK_2130	1288.3	TA1413-5	Long Term
Kettle	RDK_2131	1045.1	TA1414-1	Long Term
Kettle	RDK_2132	447.4	TA1414-2	Long Term
Kettle	RDK_2132	2200.0	TA1414-2	ECE
Kettle	RDK_2133	502.3	TA1414-4	Short term
Kettle	RDK_2134	173.7	TA1414-4	Short term
Kettle	RDK_2135	767.3	TA1414-4	Short term
Kettle	RDK_2136	350.7	TA1433-4	Short term
Kettle	RDK_2137	363.3	TA1433-4	Short term
Kettle	RDK_2138	346.7	TA1433-5	Short term
Kettle	RDK_2139	469.0	TA1433-5	Short term
Howe Creek	RDGA_2202	4757.4	Howe_Glouc_2	Proposed
W. Christina	RDWC_2201	1317.6	E09-042	Proposed
Gloucester Amendment	RDGA_2201	1015.9	E48-024	Proposed
Howe Creek	RDGA_2203	2421.4	Howe_Glouc_4	Proposed



Electoral Area Services (EAS) Committee Staff Report

RE:	Development Variance Permit – Peterson (679-21V)		
Date:	April 15, 2021	File #:	C-963-04239.370
To:	Chair Grieve and members of the EAS Committee		
From:	Danielle Patterson, Planner		

Issue Introduction

The Regional District of Kootenay Boundary (RDKB) has received a Development Variance Permit application to reduce increase the height of an accessory building from 4.6 m to 5.1 m, for a property located at Christina Lake (see Attachment 1 - Site Location Map).

Property Information	
Owners:	Chrissy Peterson and Michael Peterson
Location:	185 Caitlin Road
Electoral Area:	Electoral Area C/Christina Lake
Legal Description:	Lot 18, Plan KAP82119, District Lot 963, Similkameen Division of Yale Land District
Area:	1.0 ha (2.5 ac)
Current Use:	Residential
Land Use Bylaws	
OCP Bylaw: 1250	Rural Residential
DP Area:	Environmentally Sensitive Waterfront Development Permit Area
Zoning Bylaw: 1300	Rural Residential 3 (R3)
Other	
ALR:	NA
Service Area:	NA

History / Background Information

The subject property is located at 185 Caitlin Road (see Attachment 2 – Subject Property Map) in a strata development named English Ridge Estates. The subject property has a single detached dwelling with an attached single vehicle garage, built in 2007. There are a few small accessory buildings for storage. The dwelling is sited to the south of the property, with a viewscape of Christina Lake. It is accessed via a long driveway that bisects the property north-south. The lot to the east of the subject property is privately owned but vacant.

The properties immediately to the east and west of the subject property are part of the same strata development. The east lot is vacant land. To the south is Crown land identified in the Christina Lake Official Community Plan (OCP) as a potential sand or gravel pit.

Proposal

The applicants are proposing to build a 98 m² (1,056 ft²) combined carport and enclosed storage building for the purposes of storing boats, vehicles, and trailers (see Attachment 3 – Applicants Submission). In order to accommodate the boat and trailers, the applicants want their accessory building to have 3 m (10 ft) high walls and a 2.4 m (8 ft) high door.

Section 404.8(b) of Zoning Bylaw 1300 limits the height of accessory buildings to 4.6 m; therefore, the applicants are requesting a variance to this section to increase the permitted height of their proposed carport/storage building from 4.6 m to 5.2 m – a variance of 0.6 m¹.

Advisory Planning Commission (APC)

At their April 6, 2021 meeting, the Electoral Area C/Christina Lake APC reviewed the application and recommended it be supported.

Implications

The RDKB application requests a clear rationale for development variance permit requests. Each Development Variance Permit application is to be reviewed based on its own merit. The applicants have provided the following rationale for their variance request:

- As their property is located in English Ridge Estates, the strata requires all roofs to have a minimum pitch of 6:12 (50% slope). Due to this, the applicants stated they are not able to accommodate their plans to have 3 m high walls and 2.4 m high door with a structure less than 5.2 m high and still meet the strata pitch requirements;
- They stated that accessory buildings in English Ridge Estates require the strata's approval before building and that their strata has approved their proposed design and height. Staff notes that the strata requires all boats, trailers, and other recreational vehicles to be located as far out of public view as possible and to ensure such structures do not obscure the view of the other strata properties;
- Their single detached dwelling has 3 m (10 ft) high walls and the same roof design as their proposed accessory building. The applicants want their accessory building to match their dwelling. Staff note that the strata building scheme places some requirements on properties to ensure their accessory building(s) match their dwellings; and
- They believe the location of their proposed accessory building does not effect the views of any other properties in the subdivision.

¹ While the applicants state in their application they are requesting a variance of 5.1 m, this was a conversion error from imperial to metric. The actual requested height converts to 5.2 m.

When considering the proposed Development Variance Permit, staff note the following:

1. Other than the requested height variance, the proposal and existing development on the subject property, based on the information provided by the applicant, meet Zoning Bylaw requirements, including parcel coverage, building setbacks, parking, density, and land use.
2. Section 2.13.13, Policy 5 of the Area C OCP states, *"implementing bylaws will contain regulations which encourage buildings which are in scale with existing neighbourhoods and don't crowd the lot"*. Some of the properties in the subdivision, including the property immediately to the east of the subject property, have not yet been developed. Those that are developed are large parcels (1 ha or larger) with large single detached dwellings. While a 98 m² (1,056 ft²) accessory building is quite large, it is to scale with other dwellings in the neighbourhood and the large parcel size of 1.0 ha (2.5 ac).
3. The strata's building scheme places restrictions on the number of accessory buildings permitted, making it unlikely that this property will be crowded with additional outbuildings in the future.
4. The proposed carport/storage building would be accessed via a long driveway and would not be easily visible from the road.
5. While the majority of the RDKB's zoning bylaws define the height of a building to mean *"the vertical distance measured from the average grade at the perimeter of the building or structure to the highest point thereof,"* this is not the case with all local governments. Many local governments in British Columbia measure building height as the average grade combined with the midpoint of the roof (the average between the eaves and the highest roof peak), particularly for roofs with pitches as steep as that proposed by the applicant. Using this method of height calculation, the proposed accessory building would be under 4.1 m high. As such, the requested building height is not outside of the norm.

Recommendation

That the Development Variance Permit application submitted by Chrissy Peterson and Michael Peterson, to vary Section 404.8(b) of the Electoral Area C/Christina Lake Zoning Bylaw No. 1300, 2007 to increase the permitted height of an accessory building from 4.6 m to 5.2 m – a variance of 0.6 m, for the construction of a combined carport and enclosed storage accessory building on the property legally described as Lot 18, Plan KAP82119, District Lot 963, Similkameen Division of Yale Land District, Electoral Area C/ Christina Lake be presented to the Regional District of Kootenay Boundary Board of Directors for consideration, with a recommendation to approve.

Attachments

1. Site Location Map
2. Subject Property Map
3. Applicant Submission

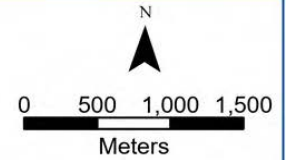


Regional District of
Kootenay Boundary

Date: 2021-03-22

Site Location Map

Lot 18, Plan KAP82119,
District Lot 963,
Similkameen Div of Yale Land District



1:45,000



202-843 Rossland Ave, Trail BC V1R 4S8 | T: 250.368.9148 | T/F: 1.800.355.7352 | rdkb.com

Document Path: P:\PD\EA\C\C-963-04239.370_Peterson\DVP Maps\2021-03-22_DVPMaps_C-963-04239.370_185CaitlinRd.aprx

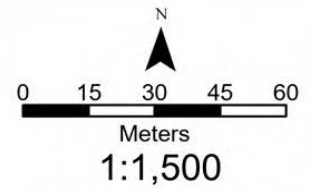


Regional District of
Kootenay Boundary

Date: 2021-03-22

Subject Property Map

Lot 18, Plan KAP82119,
District Lot 963,
Similkameen Div of Yale Land District



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To whom it may concern,

I'm applying for a development variance permit for an accessory building on my property. I have submitted a building permit and would like to apply for a variance on the Height Maximum. Section 404: rural residential 3 zone Zooning bylaw 1300 8 B). 4.6M for accessory buildings and structures.

I have attached copies of my plans for my accessory building to this application and the height is 5.1M 16"-11". I would like 10' walls to accommodate an 8' high door and carport opening for storage of boats, trucks and trailers etc. I have went with a 6-12 roof pitch as in the building scheme for the development I am building in has a building scheme (English Ridge estates). The minimum allowable roof pitch by the developers is a 6-12 pitch. I have got my plans signed off by the developer that I have submitted to the RDKB.

I have also attached some pictures of my house plans. I have 10' walls both up-stairs and down and also in my attached garage. I want to keep the 10' walls for my accessory building to match the build of my house. The roof line will also match my attached garage on my house.

My plot plan shows the area on my property where I would like to build. It does not restrict the views for any of my neighbors, or any other lots in the subdivision. I have attached a copy of the development disclosure statement that shows the building scheme. Below is a snipit of section 2.5 roof designs.

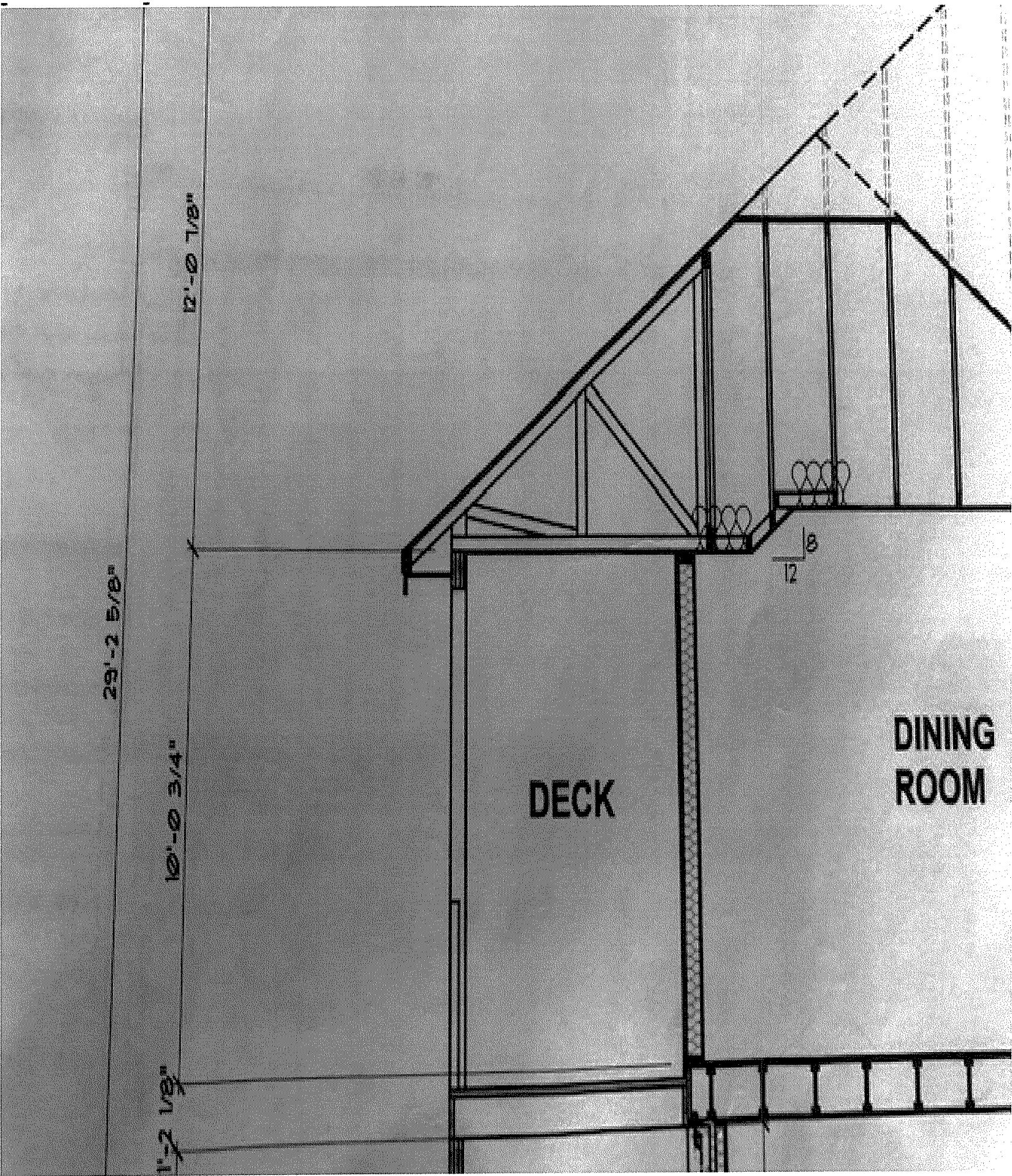
2.5 ROOF DESIGNS AND MATERIALS AND DECKS

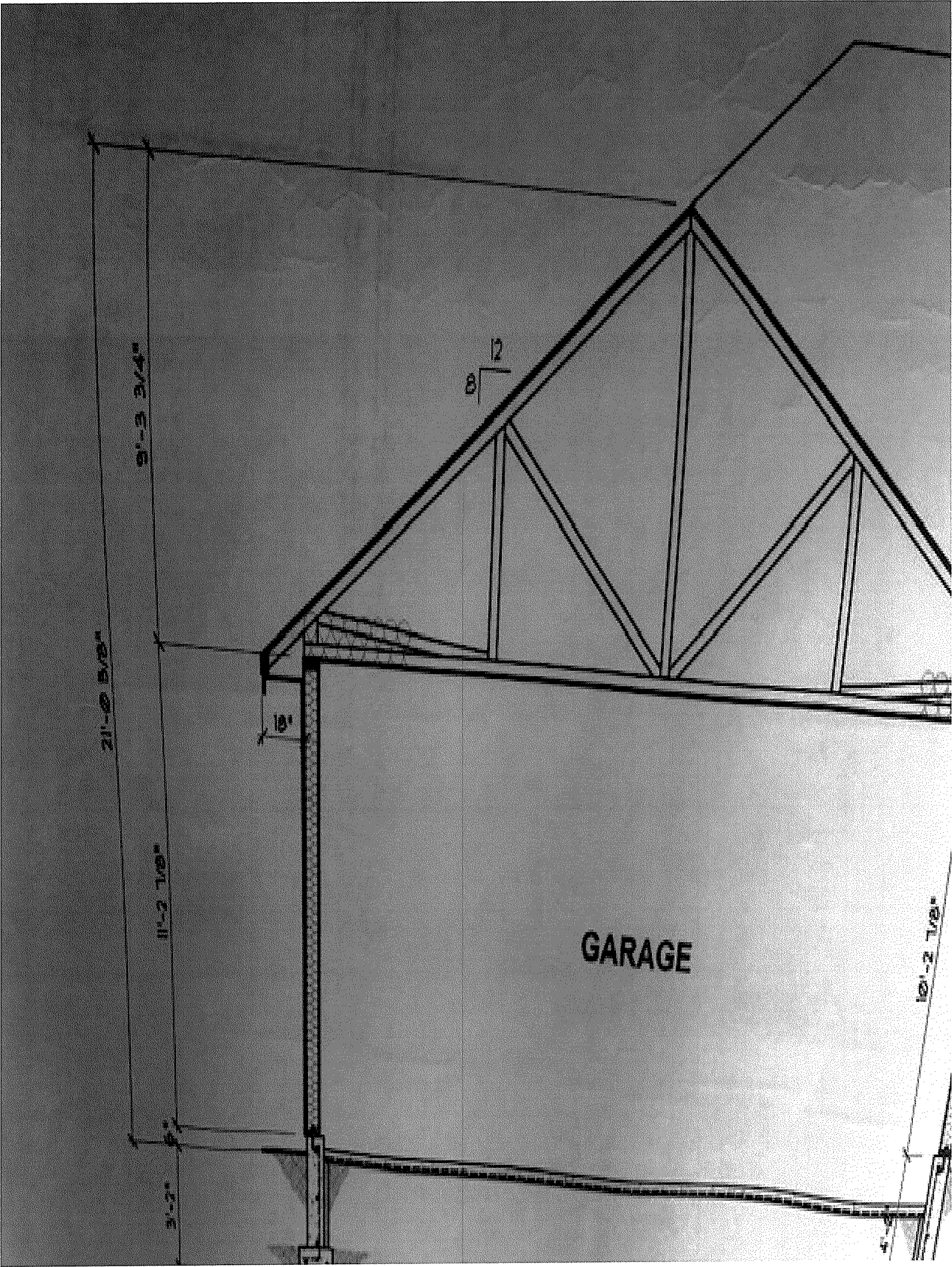
- (a) Roof styles may not be simple gable. Cottage or other approved designs with bold forms and a minimum roof pitch of 6:12 slope are required . Intersecting roof lines are encouraged.
- (b) Cedar shakes and shingles and pine shingles and metal roof sheathing are not acceptable roofing materials and are not permitted. Duroid or asphalt or sheet metal shingles are permitted to help reduce fire hazards.
- (c) All vents and roof stacks are to be painted in a dull finish to match the roof colour and be situated in areas that are least exposed to the fronting roadway.
- (d) All gutters or downspouts are to empty into a drainage rock pit .

Thanks for taking the time to review my application.

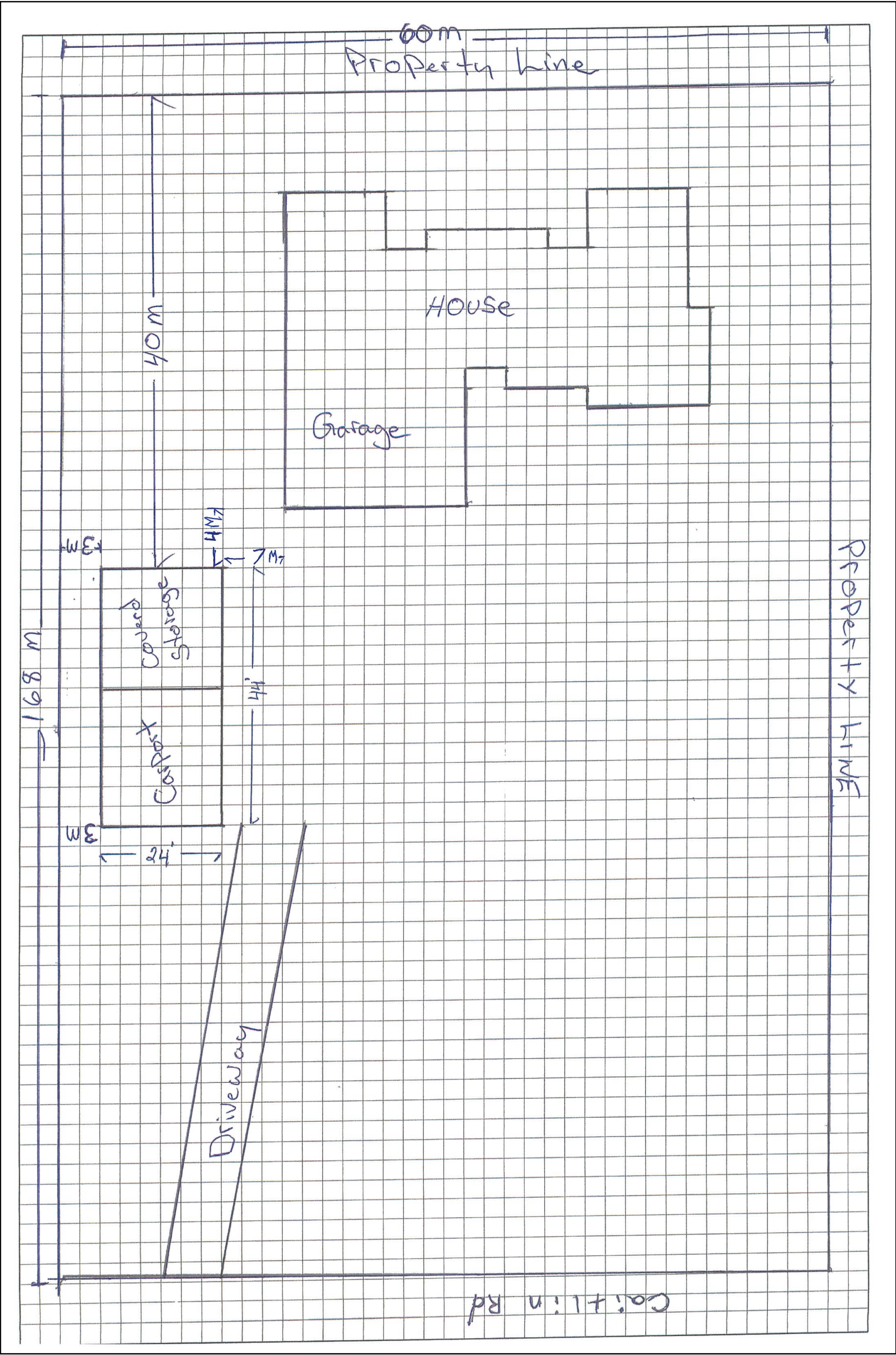
Sincerely

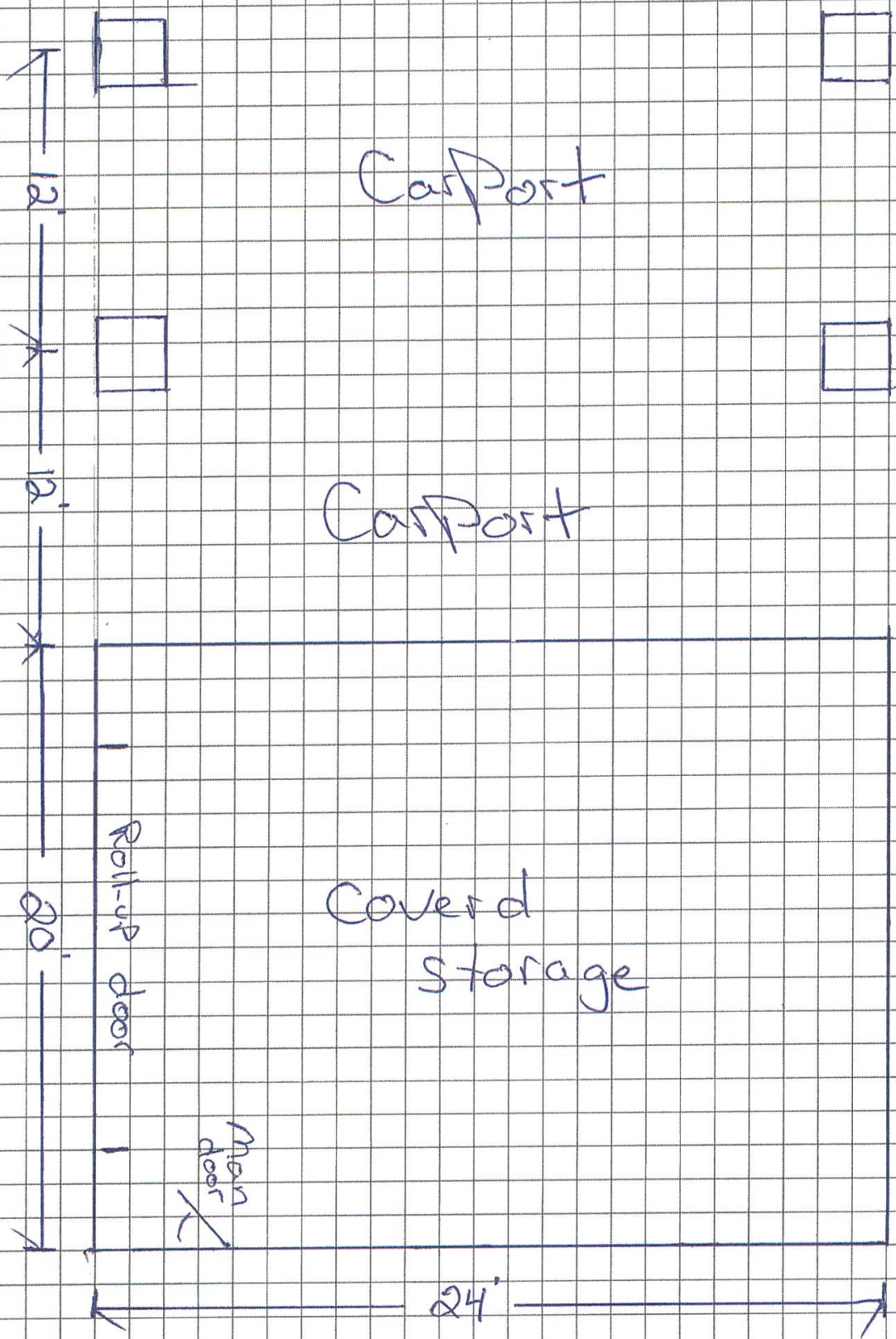
Michael and Chrissy Peterson



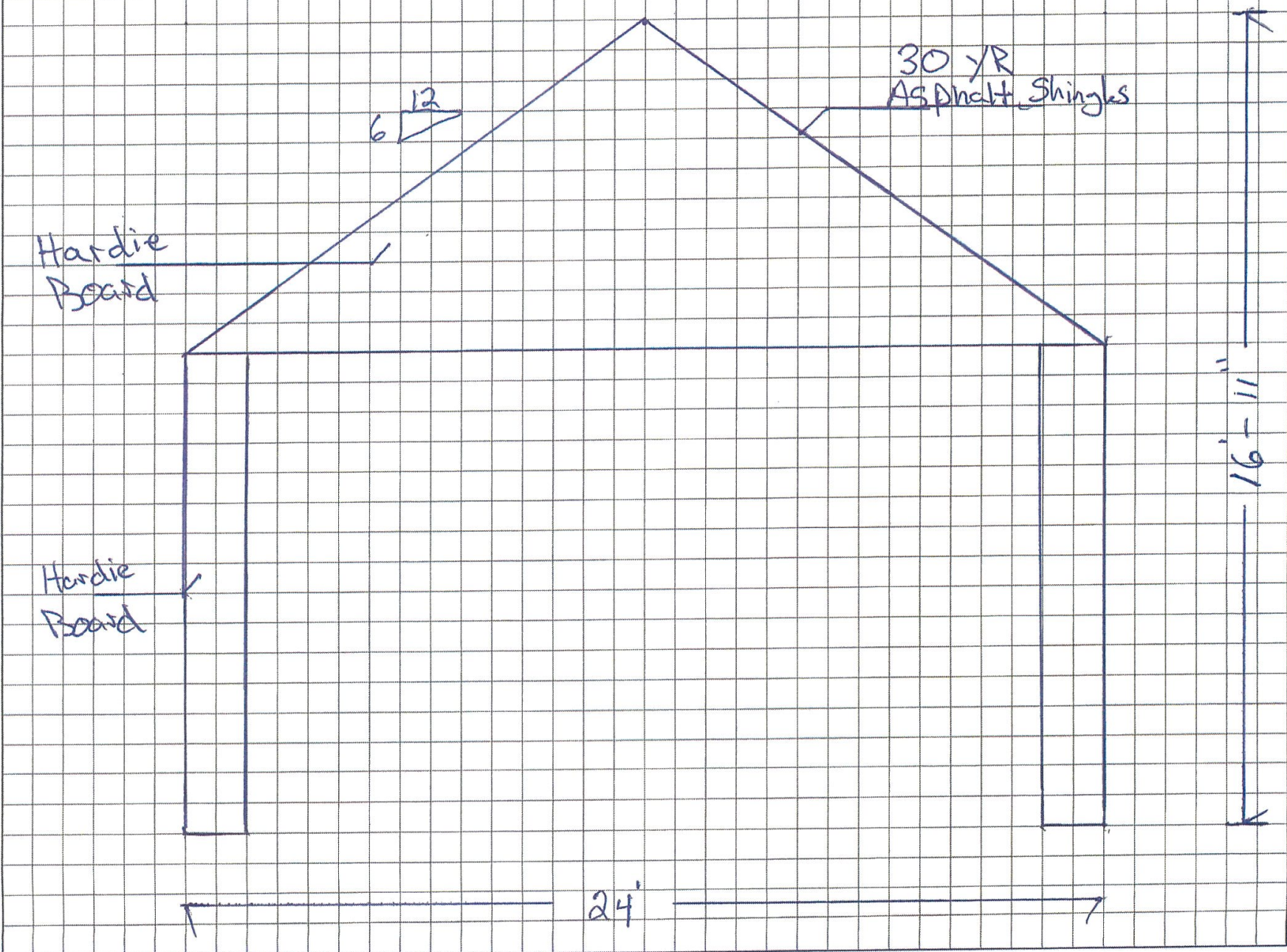
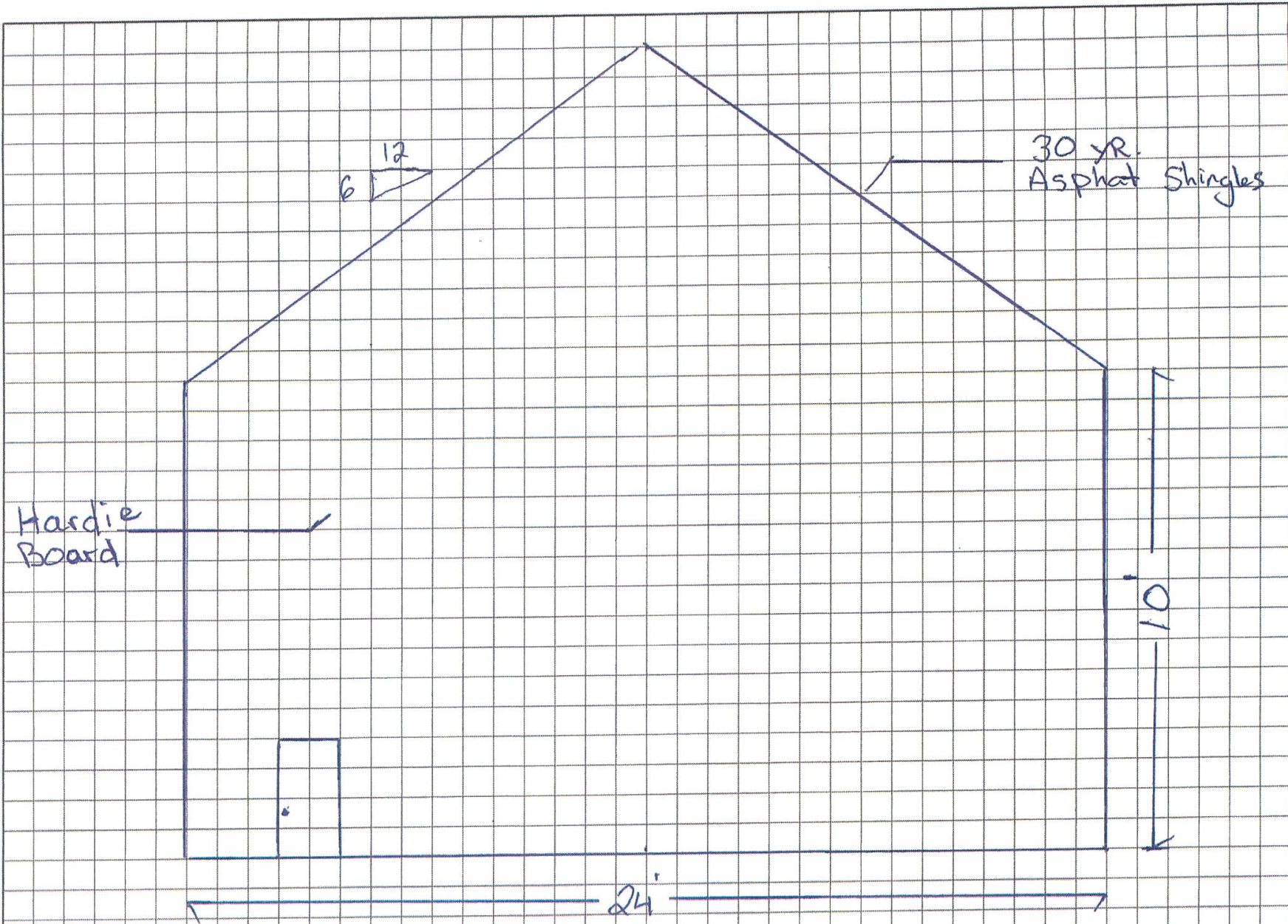


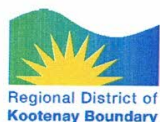






Approved by English Ridge Development





Federal/Provincial Gas Tax Funding Application

The personal information you provide on this RDKB document is being collected in accordance with the Freedom of Information and Protection of Privacy Act and will be used only for the purposes of processing RDKB business. This document may become public information. If you have any questions about the collection of your personal information, please contact Theresa Lenardon, Manager of Corporate Administration/Corporate Officer and Freedom of Information and Protection of Privacy Officer at 250-368-9148 or foi@rdkb.com.

Application Date

Project Title

Applicant Contact Information:

Name of Organization	Rock Creek & Boundary Fair Association		
Address	PO Box 83, 3880 Kettle Valley Rd S, Rock Creek, BC V0H Y0		
Phone No.	250-446-2465	Fax No.	250-446-2639
Email Address	rcfair.gm@gmail.com		

Director(s) in Support
Of Project

Area

Amount Required

Is your organization a (please check where appropriate):

☒ Not-For-Profit/Charity ☒ Society # ☒ Community Organization

Land Ownership – Please check one of the following:

☐ The applicant is the owner of the property
☒ The property is Crown Land. Tenure/license number

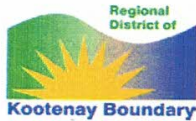
Do you have the Landowner's written approval to complete the works on the land(s)?

☒ Yes (include copies of permits)
☐ No

Ownership and Legal Description details are required for all parcels of land on which the proposed works will occur.

Registered Owners of Land	Legal Description of land(s)
Her Majesty the Queen in the Right of the Province of British Columbia	Plan KAP345M, District Lot 862, Similkameen Division of Yale District

202-843 Rossland Ave Trail, British Columbia Canada V1R 4S8
Toll-free: 1 800 355 7352 · tel: 250 368-9148 · fax: 250 368-3990
Email: admin@rdkb.com · web: rdkb.com



Application Contents – must include all of the following:

1. Description of the project including management framework
2. Project Budget including project costs (E.g. employee, equipment, etc.)
3. Outline of project accountability including Final Report and financial statements

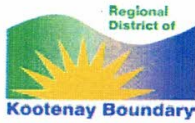
1. Eligible Project Description including timeline:

The Rock Creek & Boundary Fair Association (RCBFA) is proposing a project which involves new construction as well as enhancement of existing infrastructure at the Jim Blaine Memorial Park and Campground. The Jim Blaine Memorial Park and Campground is located adjacent to the Rock Creek Fair Grounds and nestled along the banks of the Kettle River. The campground is over 5 acres of beautiful park-like paradise shaded by tall ponderosa pine trees with a lush carpet of green grass. The current site is an extremely underutilized and relatively unknown asset. There are no designated, serviced sites and is available on a first come, first serve basis. There is a washroom and shower house with designated male and female washrooms as well as one coin-operated hot shower in each washroom with an additional 3 potable water taps throughout the campground. There is a small playground area with a swing set and a slide.

The project involves developing 10 serviced RV sites which includes fill to level sites and gravel pads, the installation of a new 200 amp service to provide 30 amp service to each site, as well as water lines to each site. There will be one additional serviced site developed for an RV for a seasonal, campground attendant.

We will be creating an additional 50 sites, including a tent only section along the river which involves filling, leveling and creating pads as well as sites for smaller camping units/tents. These sites will not have services. In order to maximize space and ensure safe access and egress we will create a campsite access/emergency exit lane with fill and gravel through the middle of the campground and to tie into existing roadways. We will also be installing 3 permanent dishwashing stations with water, sink and treatment pits

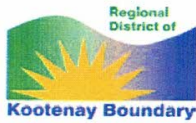
The RCBFA is proposing to start the project by the 3rd week of April and complete the major components of the project and be ready to open to the public by July 15, 2021.



1.1 Project Impact:

In September 2020, the RCBFA was set to celebrate its Diamond Jubilee, hosting its 75th Annual Agricultural Fair. Unfortunately, due to the COVID-19 health pandemic, and the restrictions placed on businesses and organization that host large gatherings, this milestone, and celebratory event was not able to proceed in its normal fashion. This resulted in significant and substantial revenue losses for the RCBFA. Those losses, coupled with smaller than expected revenue from the 2019 Fair due to poor weather, coupled with the cancellation or postponement of all 2020 ancillary event rentals such as weddings, family reunions, craft fairs, horse events and a host of other celebrations and events, was the Association's catalyst for pursuing other forms of revenue streams so that it does not become completely and solely reliant on the revenue from Fair weekend to sustain the organization and maintain the upkeep of the lands and aging infrastructure.

The pandemic highlighted the value and importance of outdoor recreation and spaces and the demand for campground sites skyrocketed. By developing new infrastructure and enhancing existing infrastructure the RCBFA can provide inexpensive, functional and accessible outdoor space that will attract outdoor recreationists and tourists. It will provide a relaxing and natural "home base" from which they can access and explore a large network of parks, trails, businesses and historical points of interest located throughout the beautiful Boundary region. Attracting outdoor recreationists and tourists will diversify the RCBFA's revenue stream and will help ensure that the Fair & Facility will continue to operate, sustain itself and strengthen our communities and be the place where the people and families of the Boundary communities come together for the next 75 years.... and beyond.



1.2 Project Outcomes:

Additional infrastructure to improve campground.

Increase capacity of campground by providing functional and accessible sites.

Increase tourists/tourism to the area by promoting campground on website, social media and other outdoor recreation sites.

Increase awareness and attendance at the annual Fall Fair.

Provide local trades and business with an economic opportunity. (Electrician, gravel, hardware & building material & supplies).

Provide seasonal employment opportunity.

1.3 Project Team and Qualifications:

The Project will be overseen by the Campground Enhancement Committee that is made up of Directors and members of the Rock Creek & Boundary Fair Association and the General Manager of the RCBFA who has over 34 years of experience managing the commercial real estate portfolio of a BC Pension Fund including the responsibility for tendering extensive building renovations and retrofits and overseeing various contractors to repair and maintain building systems. Several Directors and members have experience and background in construction and building trades.

2. Project Budget:

Eligible costs for this project are outlined below. These include all direct costs that are reasonably incurred and paid by the Recipient under the contract for goods and services necessary for the implementation of the Eligible Project. **Schedule B** outlines Eligible Costs for Eligible Recipients (see attached). **Attach supporting quotes and estimates.**

Items	Details	Cost (\$)
Electrical	New 200 amp service & lines installed to 11 sites	\$12,000.00
Material	Fill, gravel & leveling to 11 sites	\$5,997.35
Water	Water lines installed to 11 sites	\$5,002.30
Additional Material	Gravel and leveling for additional tenting sites and inner access/egress roadways	\$5,997.35
Dish Wash Stations	3 x permanent dish wash stations incl. water line, sinks/taps and treatment pits	\$5,002.25
	Total	\$33,999.25

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Email: admin@rdkb.com · web: rdkb.com

Additional Budget Information

The RCBFA has a GST number and will be claiming the GST paid as an input tax credit.

3. Accountability Framework:

The Eligible Recipient will ensure the following:

- Net incremental capital spending is on infrastructure or capacity building
- Funding is used for Eligible Projects and Eligible Costs
- Project is implemented in diligent and timely manner
- Provide access to all records
- Comply with legislated environmental assessment requirements and implement environmental impact mitigation measures
- **Provision of a Final Report including copies of all invoices**


Schedule of Payments

The RDKB shall pay the Proponent in accordance with the following schedule of payments:

- (a) 75% upon signing of the Contract Agreement;
- (b) 25% upon receipt of progress report indicating 75% completion of the Project and a statement of income and expenses for the Project to that point.

By signing below, the recipient agrees to prepare and submit a summary final report outlining project outcomes that were achieved and information on the degree to which the project has contributed to the objectives of cleaner air, cleaner water or reduced greenhouse gas emissions. This must also include financial information such as revenue and expenses.

In addition, an annual report (for 5 years) is to be submitted to the RDKB prior to October 31st of each year detailing the impact of the project on economic growth, a clean environment, and/or strong cities and communities.

Signature	Name	Date
	Lisa Sims	March 30, 2021

SCHEDULE B- Eligible Costs for Eligible Recipients

1. Eligible Costs for Eligible Recipients

1.1 Project Costs

Eligible Costs, as specified in this Agreement, will be all direct costs that are in the Parties' opinion properly and reasonably incurred, and paid by an Eligible Recipient under a contract for goods and services necessary for the implementation of an Eligible Project. Eligible Costs may include only the following:

- a) the capital costs of acquiring, constructing or renovating a tangible capital asset and any debt financing charges related thereto;
- b) the fees paid to professionals, technical personnel, consultants and contractors specifically engaged to undertake the surveying, design, engineering, manufacturing or construction of a project infrastructure asset, and related facilities and structures;
- c) for capacity building category only, the expenditures related to strengthening the ability of Local Governments to improve local and regional planning including capital investment plans, integrated community sustainability plans, life-cycle cost assessments, and Asset Management Plans. The expenditures could include developing and implementing:
 - i. studies, strategies, or systems related to asset management, which may include software acquisition and implementation;
 - ii. training directly related to asset management planning; and,
 - iii. long-term infrastructure plans.

1.1.1 Employee and Equipment Costs

Employee or equipment may be included under the following conditions:

- a) the Ultimate Recipient is able to demonstrate that it is not economically feasible to tender a contract;
- b) the employee or equipment is engaged directly in respect of the work that would have been the subject of the contract; and
- c) the arrangement is approved in advance and in writing by UBCM.

2. Ineligible Costs for Eligible Recipients

Costs related to the following items are ineligible costs:

- a) Eligible Project costs incurred before April 1, 2005;
- b) services or works that, in the opinion of the RDKB, are normally provided by the Eligible Recipient or a related party;
- c) salaries and other employment benefits of any employees of the Eligible Recipient, except as indicated in Section 1.1
- d) an Eligible Recipient's overhead costs, its direct or indirect operating or administrative costs, and more specifically its costs related to planning, engineering, architecture, supervision, management and other activities normally carried out by its applicant's staff

- e) costs of feasibility and planning studies for individual Eligible Projects;
- f) taxes for which the recipient is eligible for a tax rebate and all other costs eligible for rebates;
- g) costs of land or any interest therein, and related costs;
- h) cost of leasing of equipment by the recipient, except as indicated in section 1.1 above;
- i) routine repair and maintenance costs;
- j) legal fees;
- k) audit and evaluation costs.



Ministry of Forests, Lands, Natural Resource Operations and Rural Development

March 30, 2021

Lisa Sims
General Manager
Rock Creek & Boundary Fair Association

Via email: rcfair.gm@gmail.com

Dear Lisa Sims:

I am writing to express that the Ministry of Forests, Lands, Natural Resource Operations and Rural Development, Crown Land Authorizations Branch, hereby grants permission and supports your efforts to secure funding to upgrade infrastructure and services to the Jim Blaine Memorial Park & Campground.

Yours truly,

Rick Fraser, RFT

Senior Authorizations Specialist

Crown Lands Authorizations Division / Kootenay Boundary Region

Ministry of Forests, Lands, Natural Resource Operations and Rural Development

1902 Theatre Road, Cranbrook, BC V1C 7G1

Phone 250.420.6428 | Fax 250.426.1777 | Email rick.a.fraser@gov.bc.ca

**Ministry of Forests,
Lands, Natural
Resource Operations
and Rural
Development**

Kootenay Boundary Region

Mailing Address and Location:
1902 Theatre Road
Cranbrook BC V1C 7G1

Phone: 250 426-1766
Fax: 250 426-1767
Website: www.gov.bc.ca

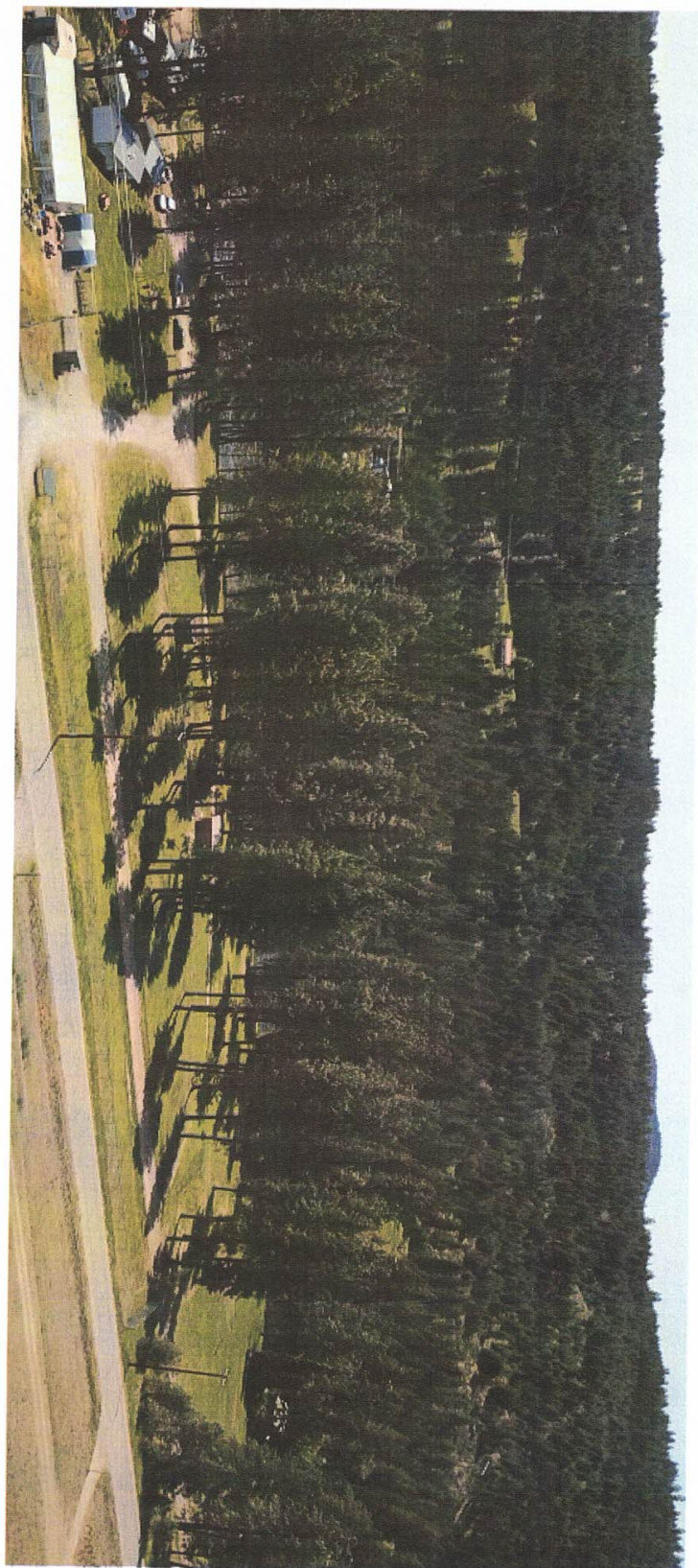
RCFBA JIM BLAINE CAMPGROUND UPGRADES
 461115BC Ltd 1400 Kelly Road, Bridesville BC
 GST 13738 3352
 250-446-2420 250-689-7579

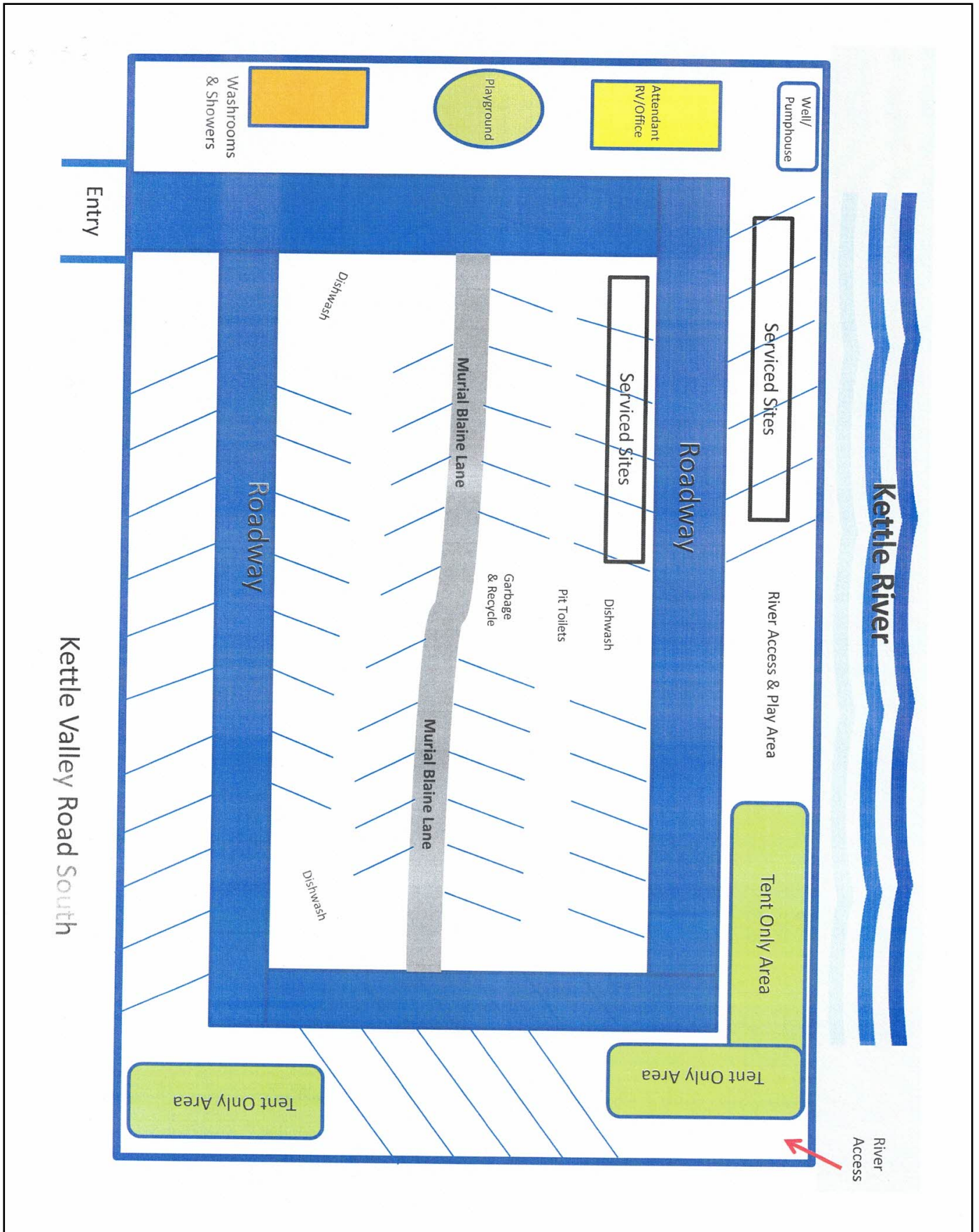
11 Serviced Sites (includes campground attendant site)

	PRICE
New 200 amp service installed	\$ 12,000.00
Water Lines installed	\$ 5,002.30
Level sites - includes fill and gravel	\$ 5,997.35
Total to develop 11 serviced sites (no Septic	\$ 22,999.65

Other Items

Gravel for tenting sites, inner site access/emergency exit roadway	\$ 5,997.35
3 x permanent dish wash stations includes water lines sink/taps and treatment pits	\$ 5,002.25
Total Other site Items	<u>\$ 10,999.60</u>
Total serviced & non-serviced sites, dish stations & access roadways	\$ 33,999.25
GST	<u>\$ 1,699.96</u>
Total Price Including Taxes	<u>\$ 35,699.21</u>





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Federal/Provincial Gas Tax Funding Application

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Application Date **Feb. 10 2021**

Project Title **construction enclosed storage shed & surveillance system**

Applicant Contact Information:

Name of Organization	Beaver Valley Golf and Recreation Society		
Address	111 Champlon Park Rd.		
Phone No.	250 367 7001	Fax No.	
Email Address	kevin68@shaw.ca		

Director(s) in Support
Of Project

All Grleve

Area **A**

Amount Required **\$5000.00**

Is your organization a (please check where appropriate):

☐ Not-For-Profit/Charity ☒ Society # **S-0025734** ☐ Community Organization

Land Ownership – Please check one of the following:

- ☒ The applicant is the owner of the property
☐ The property is Crown Land. Tenure/license number

Do you have the Landowner's written approval to complete the works on the land(s)?

- ☐ Yes (include copies of permits)
☐ No

Ownership and Legal Description details are required for all parcels of land on which the proposed works will occur.

Registered Owners of Land	Legal Description of land(s)
Beaver Valley Golf and Recreation Society	Plan NEPX07 Sublot 25 District Lot 1236 Kootenay Land District Except Plan 7883 Champlon Lakes Golf Course

2015-2016 Financial Year Budget Estimates
 For more information, visit www.rdkb.com or call 250-368-9148
 Email: admission@rdkb.com Web: rdkb.com

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Application Contents – must include all of the following:

1. Description of the project including management framework
2. Project Budget including project costs (E.g. employee, equipment, etc.)
3. Outline of project accountability including Final Report and financial statements

1. Eligible Project Description including timeline:

S-0025734

This project will be completed by a qualified contractor in good standing with Work Safe BC. (estimate for construction attached)

The main thrust of the project is the preservation of the Societies assets.

By having enclosed storage areas for our equipment, especially during the winter month, the life span of the various pieces of equipment can be extended.

Renovation to existing Office and Maintenance area will decrease the required energy to heat the building during winter and the new storage sheds will house the equipment presently left to the elements during winter time.

The proposed surveillance system will hopefully dissuade future vandalism. (estimate attached)

Timeline for project is May 1, 2021 to October 31, 2021.

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**1.1 Project Impact:**

This will minimize the energy required to maintain working temperatures in the office and repair shop and adequate housing will protect our equipment from harsh winter elements

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Email: info@2503676699.com - 2503676699.com

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**1.2 Project Outcomes:**

This will provide our employees with comfortable working conditions during winter repairs and protection from elements for all stored equipment.

301-843 Powell Ave Trail, British Columbia and V1R 1A3
1-800-461-2262 ext. 250-3676699 fax 250-367-9900
Email: info@kootenaybc.ca web: kootenaybc.ca

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1.3 Project Team and Qualification

This construction project will be completed by qualified contractor (see estimate)
 The surveillance system to be installed by qualified personnel
 Contact person(s) will be Kevin Nesbitt, General Manager (kevin68@shaw.ca)
 250 367 7001; cell 250 231 2614 or Dave Duncan, Greens Superintendent 250 231 0037

2. Project Budget:

Eligible costs for this project are outlined below. These include all direct costs that are reasonably incurred and paid by the Recipient under the contract for goods and services necessary for the implementation of the Eligible Project. **Schedule B** outlines Eligible Costs for Eligible Recipients (see attached). **Attach supporting quotes and estimates.**

Items	Details	Cost (\$)
Surveillance	See quote	9,272.35
Total		\$ 9,272.35

202 843 Rossland Ave Trail, British Columbia Canada V1R 4S8
 Toll free: 1 800 355 7352 tel: 250 368 9148 fax: 250 368 3990
 Email: admin@rdkb.com web: rdkb.com

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Additional Budget Information

Our main objective is to install the surveillance system for the Maintenance and Storage area this year and if not enough funds available to complete the surveillance for the pro-shop and restaurant in the future.

3. Accountability Framework:

The Eligible Recipient will ensure the following:

- Net incremental capital spending is on infrastructure or capacity building
- Funding is used for Eligible Projects and Eligible Costs
- Project is implemented in diligent and timely manner
- Provide access to all records
- Comply with legislated environmental assessment requirements and implement environmental impact mitigation measures
- Provision of a Final Report including copies of all invoices


Schedule of Payments

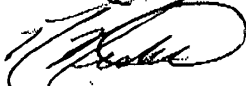
The RDKB shall pay the Proponent in accordance with the following schedule of payments:

- (a) 75% upon signing of the Contract Agreement;
- (b) 25% upon receipt of progress report indicating 75% completion of the Project and a statement of income and expenses for the Project to that point.

By signing below, the recipient agrees to prepare and submit a summary final report outlining project outcomes that were achieved and information on the degree to which the project has contributed to the objectives of cleaner air, cleaner water or reduced greenhouse gas emissions. This must also include financial information such as revenue and expenses.

In addition, an annual report (for 5 years) is to be submitted to the RDKB prior to October 31st of each year detailing the impact of the project on economic growth, a clean environment, and/or strong cities and communities.

Signature	Name	Date
	PAUL TERNES	FEB. 19, 2021

 KEVIN NESBITT APR 21/2021

201 843 Rossland Ave. Trail, British Columbia Canada V1R 4S8
 Toll free 1-800-365-7352 Tel: 250-368-9148 Fax: 250-368-9990
 Email: admin@rdkb.com web: rdkb.com



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To: Goran Denovski

RDKB

Fax # 250-368-3990

From: Kevin Nesbitt

Champion Lakes Golf & Country Club

250-367-7001

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Trell, British Columbia
V1R 4A5
Tel: (250) 384-1004
www.ralcomm.com

Order#: 251060

Date: 02/17/2021

Term: Cash

Invoiced to

CHAMPION LAKES GOLF & COUNTRY CLUB
BOX 158
FRUITVALE, BC
V0G 1L0

Tel: (250) 367-7001

Salesperson: JASON BUHLER

Code	Description	Serial#	Qty	Net	BO	Price	Total
HX-N7818IP8T	DS-7818NI-I2/16P-8TB 8TB VIDEO RECORDER		1		1	\$1,550.00	\$1,550.00
HX-TR2H85VZ	DS-2CD2H85FWD-I2S 8MP TURRET CAMERA 2.8 - 12MM LENS		1		1	\$599.95	\$599.95
HX-OD2185FS2	DS-2CD2185FWD-IS 8MP 2.8MM LENS		1		1	\$395.00	\$395.00
HX-OD2185FS2	DS-2CD2185FWD-IS 8MP 2.8MM LENS		1		1	\$395.00	\$395.00
HX-OD2785GVZ	DS-2CD2785G0-I2S 2.8 - 12MM DOME CAMERA		1		1	\$599.95	\$599.95
HX-FE63C5EVB	DS-2CD83C5G0E-IVS FISHEYE OUTDOOR CAMERA		1		1	\$1,250.00	\$1,250.00
UBI-NEN8M5	UBIQUITI NANOSTATION M5 5-GHZ 16-DBI ANTENNA		2		2	\$140.00	\$280.00
UBI-AMUB-AM	UBIQUITI UNIVERSAL 45.7-CM (18-IN) J-ARM		2		2	\$20.00	\$40.00
UBI-NEES-8-150W	UBIQUITI 8 PORT POE+ NETWORK SWITCH		2		2	\$350.00	\$700.00
UBI-NEETH-SP-GEN 2	UBIQUITI OUTDOOR ETHERNET SURGE PROTECTOR GENERATION 2		4		4	\$25.00	\$100.00
PSI-80DB-SH	CABLE BULK PSI 80DB-SH CAT6E S/UTP OUTDOOR/DIRECT BURIAL/WATERBLOCK (FT)		450	450		\$0.60	\$270.00
EMTCON12	1/2" EMT CONDUIT		40		40	\$1.25	\$50.00
HX-CBFE	HIKVISION MOUNTING BOX FOR FISHEYE CAMERA - WHITE		1		1	\$35.00	\$35.00
HX-CB110	HIKVISION CB110 CONDUIT BASE MOUNT		1		1	\$32.40	\$32.40
IBVLBA12	1/2" LB FOR EMT		3		3	\$14.50	\$43.50
GES12RTCN	ABB 1/2 INCH IBERVILLE EMT COMPRESSION FITTING NON-INSULATED		8		8	\$1.95	\$15.60
GES121HEST	1/2 INCH IBERVILLE ONE HOLE E.M.T. STRAP		1		1	\$0.10	\$0.10
GES12CTCP	ABB 1/2 INCH IBERVILLE E.M.T. COMPRESSION COUPLING		3		3	\$1.95	\$5.85
6363	MISC INSTALL SUPPLIES		1	1		\$60.00	\$60.00
MILEAGETR	TRAVEL		2	2		\$25.00	\$50.00

Date	Employee	Work performed	Time	Rate	Total
02/16/2021	NEIL WALKER	FIELD LABOUR LABOUR TO INSTALL 5 CAMERAS AT GOLF COURSE, INSTALL WIRELESS NETWORK LINK BETWEEN SHOP AND PRO SHOP, RUN CONDUIT AT PRO SHOP, INSTALL CABLING, TERMINATE AND COMMISSION	14	100.00	\$1,400.00
02/16/2021	JASON BUHLER	FIELD LABOUR LABOUR TO INSTALL 5 CAMERAS AT GOLF COURSE, INSTALL WIRELESS NETWORK LINK BETWEEN SHOP AND PRO SHOP, RUN CONDUIT AT PRO SHOP, INSTALL CABLING, TERMINATE AND COMMISSION	14	100.00	\$1,400.00

Pricing assumes that underground conduit will be preinstalled from maintenance shop to storage across from fuel tanks and modifications for camera installation in storage area are precompleted.

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PAGE 02



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Tel: (250) 384-1004
www.ralcomm.com

Order#: **251060**
Date: 02/17/2021
Term: Cash

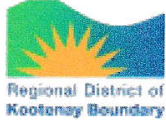
ALL ESTIMATES ARE FOR LABOUR ONLY, MATERIALS ADDITIONAL. THIS COMPANY DOES NOT ASSUME ANY RESPONSIBILITY WHATSOEVER FOR UNITS LEFT FOR REPAIRS, STORAGE OR OTHER PURPOSES, OR FOR ARTICLES LEFT IN UNITS. I HEREBY AUTHORIZE THE ABOVE WORK BE DONE TOGETHER WITH NECESSARY MATERIALS UNDER THE TERMS AND CONDITIONS STATED HEREIN. I HEREBY ACKNOWLEDGE MY INDEBTEDNESS IN THE AMOUNT STATED ON THIS INVOICE

Material	\$8,472.35
Labor	\$2,800.00
Sub total	\$9,272.35
GST 137857223RT0001	\$463.62
PST 1007-6438	\$649.06
Total	\$10,385.03
Balance due	\$10,385.03

Name: _____

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Federal/Provincial Gas Tax Funding Application

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Application Date: April 6, 2021

Project Title: Biathlon Cross Country Ski area Upgrade

Applicant Contact Information:

Name of Organization	Black Jack Cross Country Ski Club Society		
Address	PO Box 1754, Rossland V0G 1Y0		
Phone No.	780-778-4262	Fax No.	
Email Address	janluppens@gmail.com		

Director(s) in Support

Of Project

Area B

Amount Required

\$ 10,000

Is your organization a (please check where appropriate):

<input checked="" type="checkbox"/>	Not-For-Profit/Charity	<input checked="" type="checkbox"/>	Society # S-177951	<input checked="" type="checkbox"/>	Community Organization
-------------------------------------	------------------------	-------------------------------------	--------------------	-------------------------------------	------------------------

Land Ownership – Please check one of the following:

The property is Crown Land. Tenure/license number: PA13RDKB-21

Do you have the Landowner's written approval to complete the works on the land(s)?

Yes (include copies of permits)

Ownership and Legal Description details are required for all parcels of land on which the proposed works will occur.

Registered Owners of Land	Legal Description of land(s)
Crown Land	

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Email: admin@rdkb.com · web: rdkb.com



Application Contents – must include all of the following:

1. Description of the project including management framework
2. Project Budget including project costs (E.g. employee, equipment, etc.)
3. Outline of project accountability including Final Report and financial statements

Description including timeline:

The project has two components:

- A. Building a connection with a gentle grade, between the Biathlon parking lot and the existing Tall Timbers Trail. The objective is to create an adaptive trail system for sit-ski users and skiers with balance, mobility and vision issues.
- B. Modifying the existing staging area and making it into a proper stadium. The objective is to turn the Biathlon area into an alternative race venue in case of insufficient snow at the lower Black Jack stadium and trail system. This entails the creation of a race loop by building a return path to the staging area from the existing Biathlon Loop Trail.

The plan is to start the work in May soon after all snow has disappeared. The contractor has scheduled his equipment for June. If the project is not completed in June, we will complete it in September after fire season.

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 Toll-free: 1 800 355 7352 · tel: 250 368-9148 · fax: 250 368-3990
 Email: admin@rdkb.com · web: rdkb.com



1.2 Project Outcomes:

A. Adaptive trail system

We will have a new connector trail with gentle grade from the Biathlon parking lot to the existing Tall Timbers Trail. It will create over 3km of accessible trail that meets the requirement for an adaptive trail: no gradient higher than 6%; no sustained gradient higher than 4%; minimal slant and sufficient run-out after down hills.

This first phase is a prerequisite for the subsequent phase in 2022: expanding the Tall Timber Trail over the South Murphy Creek meeting the same adaptive standards. This adaptive trail will put the region on the map because of its stunning views and spectacular stands of giant trees. The trail will be popular with skiers of all skill and ability levels. Most of all it will give skiers with mobility issues an opportunity to safely venture in the backcountry.

B. The Biathlon Area as an alternative race venue.

Black Jack wants to continue hosting the Nor-Am races (usually combined with the Kootenay Cup). We want to be seen as a reliable host early in the ski season. (We compete with places like Canmore that have snowmaking and snow storage capability). These events bring hundreds of athletes and their staff to the region for a weeklong stay, boosting the hospitality industry. It also gives the 'home court advantage' to the Black Jack racers.

202-843 Rossland Ave Trail, British Columbia Canada V1R 4S8
 Toll-free: 1 800 355 7352 · tel: 250 368-9148 · fax: 250 368-3990
 Email: admin@rdkb.com · web: rdkb.com



1.1 Project Impact:

A. An adaptive trail system for cross country skiing.

The Black Jack trail system is world class, but it can be prohibitively demanding for the less fit and athletic.

At present we have nothing to offer to sit-ski users and skiers with severe mobility issues. In general there is a need for easier trails at Black Jack to balance our otherwise challenging trail system. There are Aqueduct and Tall Timbers Trails (for a total of 5 km over the City of Rossland waterlines) that have a gentle grade. They are however not readily accessible from the parking lots. Building an easy access from the Biathlon parking lot to the Tall Timbers Trail is the first phase of the creation of an adaptive trail system. The second phase consists of the extension of the existing Tall Timbers Trail crossing the South Murphy Creek for an additional 2.5 km of new trail. This new trail will travers a number of OGMA's (Old Growth Management Area) including the 100 Acre Wood managed by the Local Lions Club. It will offer stunning views of the Rossland Range and the Murphy Creek valley. This will also become a popular and easy hiking trail in the summer and an alternative access to the 100 Acre Wood. An application has been submitted to RS&T (Recreation Sites and Trails) for this expansion. If the application is approved over the summer, we will complete the second phase in 2022.

B. The Biathlon Area as an alternative race venue.

Black Jack is regularly chosen to host races, particularly the Nor-Am (typically two out every 3 years) which takes place mid December. This brings hundreds of athletes (from all over Canada and the US) with their support to the Rossland area generating considerable economic activity when Red Mountain Resort is not open yet. Most stay here for the week leading up to the event because the first race in the Nor-Am cup, takes place in Vernon (1600 m elevation) the previous weekend. The Black Jack main Stadium is only at an elevation of 1150 m and sufficient snow is not guaranteed mid December. Going forward, due to climate change, snow will be even less reliable early in the season. The Biathlon area is at approx. 1500 m and typically has sufficient snow mid December. The knowledge that we have a contingency for a late snow year, will enable us to keep on hosting this important event. It will relieve the volunteers from considerable stress: we do not want to disappoint athletes coming from all over the continent for this early in the season racing event.

1.3 Project Team and Qualifications:

Black Jack has a track record of building and maintaining trails. We have a number of longtime members that have actually built (as machine operators and fallers) most of the trail system at Biathlon. They have an in-depth knowledge of the local terrain and hydrology. We work closely with Alpine Contracting who has extensive experience with trail building in the region as well. (Alpine Contracting also gives us a preferential rate and lets our members regularly borrow its heavy equipment for trail maintenance).

2. Project Budget:

Eligible costs for this project are outlined below. These include all direct costs that are reasonably incurred and paid by the Recipient under the contract for goods and services necessary for the implementation of the Eligible Project. **Schedule B** outlines Eligible Costs for Eligible Recipients (see attached). **Attach supporting quotes and estimates.**

Items	Details	Cost (\$)
Trail Building	Machine time plus operator: excavator, bulldozer and dump truck as required	35,000
Culverts		5,000
Trail lay-out and flagging, Tree cutting and removal	In-kind. Approx. 200 hours volunteer time.	
Total		\$40,000

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Email: admin@rdkb.com · web: rdkb.com

Additional Budget Information.

We are applying for a \$30,000 grant for the remainder, from CBT under the Trail Enhancement Grant.

3. Accountability Framework:

The Eligible Recipient will ensure the following:

- Net incremental capital spending is on infrastructure or capacity building
- Funding is used for Eligible Projects and Eligible Costs
- Project is implemented in diligent and timely manner
- Provide access to all records
- Comply with legislated environmental assessment requirements and implement environmental impact mitigation measures
- **Provision of a Final Report including copies of all invoices**

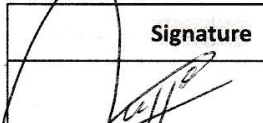
Schedule of Payments

The RDKB shall pay the Proponent in accordance with the following schedule of payments: (a) 75% upon signing of the Contract Agreement;

(b) 25% upon receipt of progress report indicating 75% completion of the Project and a statement of income and expenses for the Project to that point.

By signing below, the recipient agrees to prepare and submit a summary final report outlining project outcomes that were achieved and information on the degree to which the project has contributed to the objectives of cleaner air, cleaner water or reduced greenhouse gas emissions. This must also include financial information such as revenue and expenses.

In addition, an annual report (for 5 years) is to be submitted to the RDKB prior to October 31st of each year detailing the impact of the project on economic growth, a clean environment, and/or strong cities and communities.

Signature	Name	Date
	Jan Luppens	April 6, 2021

202-843 Rossland Ave Trail, British Columbia Canada V1R 4S8

Toll-free: 1 800 355 7352 · tel: 250 368-9148 · fax: 250 368-3990

Email: admin@rdkb.com · web: rdkb.com

SCHEDULE B- Eligible Costs for Eligible Recipients

1. Eligible Costs for Eligible Recipients

1.1 Project Costs

Eligible Costs, as specified in this Agreement, will be all direct costs that are in the Parties' opinion properly and reasonably incurred, and paid by an Eligible Recipient under a contract for goods and services necessary for the implementation of an Eligible Project. Eligible Costs may include only the following:

- a) the capital costs of acquiring, constructing or renovating a tangible capital asset and any debt financing charges related thereto;
- b) the fees paid to professionals, technical personnel, consultants and contractors specifically engaged to undertake the surveying, design, engineering, manufacturing or construction of a project infrastructure asset, and related facilities and structures;
- c) for capacity building category only, the expenditures related to strengthening the ability of Local Governments to improve local and regional planning including capital investment plans, integrated community sustainability plans, life-cycle cost assessments, and Asset Management Plans. The expenditures could include developing and implementing:
 - i. studies, strategies, or systems related to asset management, which may include software acquisition and implementation;
 - ii. training directly related to asset management planning; and,
 - iii. long-term infrastructure plans.

1.1.1 Employee and Equipment Costs

Employee or equipment may be included under the following conditions:

- a) the Ultimate Recipient is able to demonstrate that it is not economically feasible to tender a contract;
- b) the employee or equipment is engaged directly in respect of the work that would have been the subject of the contract; and
- c) the arrangement is approved in advance and in writing by UBCM.

2. Ineligible Costs for Eligible Recipients

Costs related to the following items are ineligible costs:

- a) Eligible Project costs incurred before April 1, 2005;
- b) services or works that, in the opinion of the RDKB, are normally provided by the Eligible Recipient or a related party;
- c) salaries and other employment benefits of any employees of the Eligible Recipient, except as indicated in Section 1.1
- d) an Eligible Recipient's overhead costs, its direct or indirect operating or administrative costs, and more specifically its costs related to planning, engineering, architecture, supervision, management and other activities normally carried out by its applicant's staff
- e) costs of feasibility and planning studies for individual Eligible Projects;
- f) taxes for which the recipient is eligible for a tax rebate and all other costs eligible for rebates;
- g) costs of land or any interest therein, and related costs;
- h) cost of leasing of equipment by the recipient, except as indicated in section 1.1 above;
- i) routine repair and maintenance costs;
- j) legal fees;
- k) audit and evaluation costs.



Recreation Sites and Trails BC

File: 16660-20/ Blackjack Nordic Ski Club (REC5033)

Wednesday April 7th, 2021

Re: Grant application support Blackjack Nordic Ski Club (Biathlon Area)

Please accept this as my letter of support for the Blackjack Nordic Ski Club with their funding endeavour to construct a recreational trail (Biathlon Area) within the boundaries of REC5033.

The Ministry of Forests, Lands, and Natural Resource Operations has supported the construction of a biathlon range and adjacent cross country ski trails in the Hanna creek area since the early stages of planning and development.

All works are approved via the Forest and Range Practices Act (specifically Section 57) including all environmental approvals as requested.

Yours truly,

Justin Dexter
District Recreation Officer, Kootenay Boundary District.
Ministry of Forests, Lands, and Natural Resource Operations
Recreation Sites and Trails Branch
(250)825-1212
Justin.Dexter@gov.bc.ca

**Ministry of Forests,
Lands, and Natural
Resource Operations**

Recreation Sites and Trails Branch
Kootenay Boundary District

Location:
1907 Ridgewood Road,
Nelson, BC
V1N 6K1

Mailing Address:
1907 Ridgewood Road
Nelson BC

Tel: (250) 825-1212
Fax: (250) 825-9657

1198743 B.C. Ltd.

Kootenay Alpine Contracting

PO Box 993

Rossland BC V0G 1Y0

250-368-1433

rworosz@telus.net

GST Registration No.: 708730312RT001

Estimate**ADDRESS**

Black Jack Cross Country

Ski Club Society

PO Box 1754

Rossland BC V0G 1Y0

SHIP TO

Attn: Jan Luppens

janluppens@gmail.com

ESTIMATE #	DATE	
1007	21/04/2021	

DATE	DESCRIPTION	QTY	RATE	TAX	AMOUNT
	Earth moving work for Biathlon Upgrade Project. Machine time plus operator: excavators and dump truck as required, moab and demoab.	1	35,000.00	GST	35,000.00
	Building a connection with a gentle grade, between the biathlon parking lot and the existing Tall Timbers Trail.				
	Modify the existing staging area and making it into a proper stadium.				

SUBTOTAL 35,000.00

GST @ 5% 1,750.00

TOTAL \$36,750.00**TAX SUMMARY**

RATE	TAX	NET
GST @ 5%	1,750.00	35,000.00

Accepted By

Accepted Date



Federal/Provincial Gas Tax Funding Application

The personal information you provide on this RDKB document is being collected in accordance with the Freedom of Information and Protection of Privacy Act and will be used only for the purposes of processing RDKB business. This document may become public information. If you have any questions about the collection of your personal information, please contact our Freedom of Information and Protection of Privacy Officer at 250-368-9148 or foi@rdkb.com.

Application Date

Project Title

Applicant Contact Information:

Name of Organization			
Address			
Phone No.		Fax No.	
Email Address			

Director(s) in Support
Of Project

Area

Amount Required \$

Is your organization a (please check where appropriate):

<input type="checkbox"/>	Not-For-Profit/Charity	<input type="checkbox"/>	Society #	<input type="checkbox"/>	Community Organization
--------------------------	------------------------	--------------------------	-----------	--------------------------	------------------------

Land Ownership – Please check one of the following:

- ☐ The applicant is the owner of the property
- ☐ The property is Crown Land. Tenure/license number

Do you have the Landowner's written approval to complete the works on the land(s)?

- ☐ Yes (include copies of permits)
- ☐ No

Ownership and Legal Description details are required for all parcels of land on which the proposed works will occur.

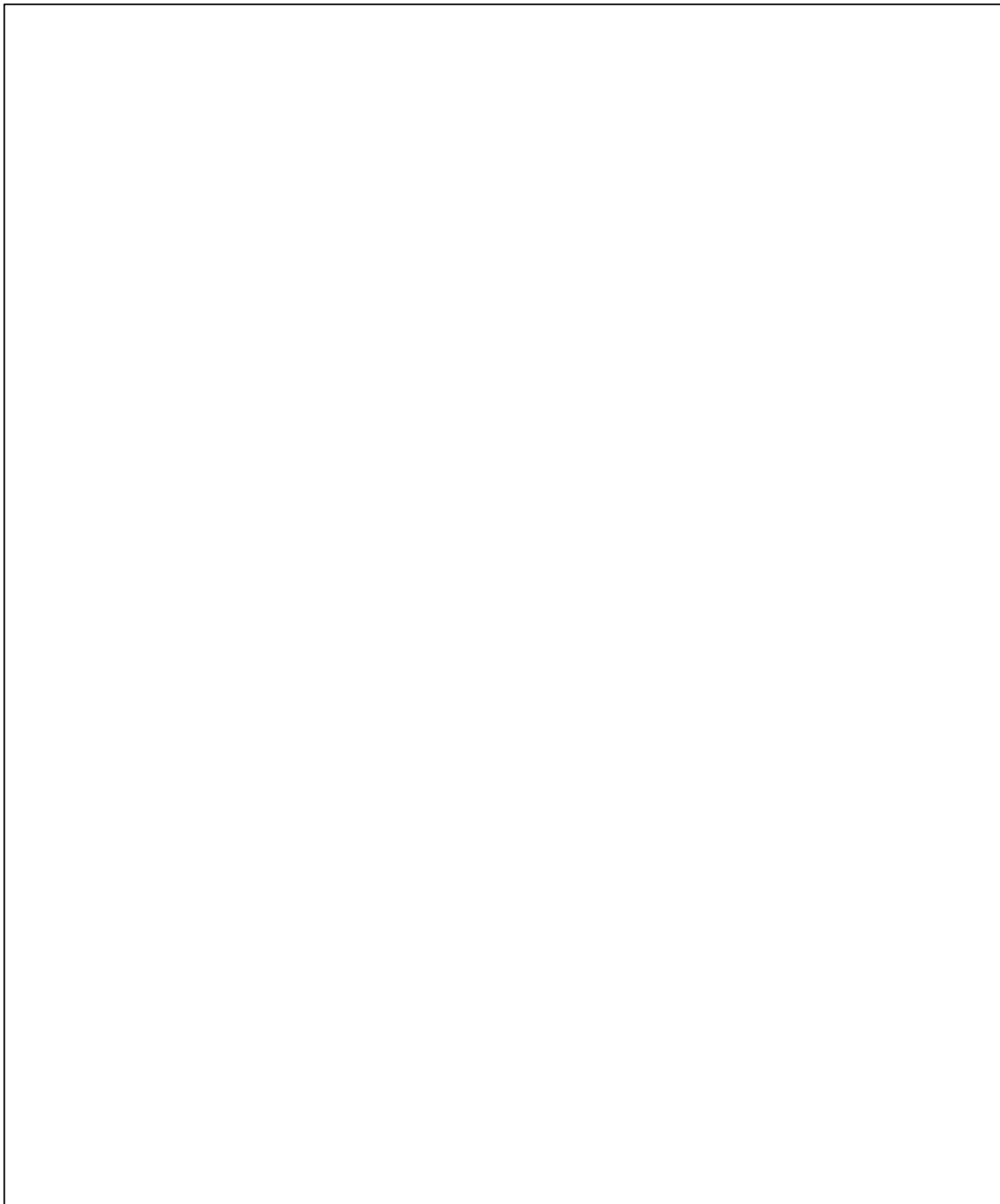
Registered Owners of Land	Legal Description of land(s)
<input type="text"/>	<input type="text"/>

Application Contents – must include all of the following:

1. Description of the project including management framework
2. Project Budget including project costs (E.g. employee, equipment, etc.)
3. Outline of project accountability including Final Report and financial statements

1. Eligible Project Description including timeline:

1.1 Project Impact:

A large, empty rectangular box with a thin black border, intended for the user to provide details about the project's impact. It occupies the majority of the page area below the section header.

1.2 Project Outcomes:

1.3 Project Team and Qualifications:

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2. Project Budget:

Eligible costs for this project are outlined below. These include all direct costs that are reasonably incurred and paid by the Recipient under the contract for goods and services necessary for the implementation of the Eligible Project. **Schedule B** outlines Eligible Costs for Eligible Recipients (see attached). **Attach supporting quotes and estimates.**

Items	Details	Cost (\$)
	Total	\$

Additional Budget Information

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3. Accountability Framework:

The Eligible Recipient will ensure the following:

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In addition, an annual report (for 5 years) is to be submitted to the RDKB prior to October 31st of each year detailing the impact of the project on economic growth, a clean environment, and/or strong cities and communities.

Signature	Name	Date
		



PROPOSAL

Regional District of Kootenay Boundary

RFP - Drought Management Plan: Nine Mile Creek Watershed



MARCH 2021

ASSOCIATED ENVIRONMENTAL CONSULTANTS INC.
#200 – 2800 29TH STREET
VERNON, BC V1T 9P9

A Carbon
Neutral
Company



**Associated Environmental Consultants Inc.**

Suite 200, 2800 29 Street
Vernon, B.C., Canada, V1T 9P9

TEL: 250.545.3672

FAX: 250.545.3654

www.ae.ca | ISO 9001 & 14001 Certified

March 30, 2021

File: P21-00813

Kristina Anderson
Regional District of Kootenay Boundary
P.O. Box 1965
Grand Forks, BC V0H 1H0

**Re: PROPOSAL FOR THE DEVELOPMENT OF A DROUGHT MANAGEMENT PLAN FOR NINE
MILE CREEK WATERSHED**

Dear Ms. Anderson:

Associated Environmental Consultants Inc. is pleased to provide this proposal to develop a drought management plan for Nine Mile Creek watershed.

We have assembled a team with experience in the Okanagan Basin, as well as in watershed management and drought planning, hydrology and hydrogeology, fisheries and aquatic assessments, and the setting of environmental flow needs. With our previous experience developing drought management plans for local governments within the Okanagan Basin, we are well positioned to accomplish this assessment and provide excellent value to the Regional District of Kootenay Boundary.

Please find the required signed RFP Appendix A signature sheet included within this proposal.

If you have any questions about this proposal, please contact the undersigned at 250-545-3672.

Yours truly,

Associated Environmental Consultants Inc.**Reviewed by:**

Drew Lejbak, M.Sc.
Senior Hydrologist / Project Manager

Nicole Penner, B.Sc., P.Ag.
Manager, Water and Climate Services

dl/np

A Carbon
Neutral
Company

An Associated Engineering Company



Platinum
member

Unit Rates

The successful proponent will be requested to provide hourly rate for the purpose of additional works in the event it is required through the course of the contract or for future works.

Category 1 (personnel)	Price / Rate per hour
Main Consultant staff	
Support staff (if applicable)	
Other Personnel (if applicable)	

SIGNATURE SHEET

Associated Environmental Consultants Inc.

Company Name

Manager, Water and
Climate Services



(Nicole Penner, P.Ag.)

Title of Representative

Signature (Print Name)

2800 29th Street
Vernon, BC V1T 9P9

Company Address

250-545-3672

Telephone #

Email Address

889002523

GST #

The above individual is authorized to sign on behalf of company submitting proposal

.....*End of Proposal submission form, Appendix A*.....

1 INTRODUCTION

The Regional District of Kootenay Boundary (RDKB) requires the development of a Drought Management Plan (DMP) for Nine Mile Creek watershed to help mitigate the risk of water supply shortage and support future water use planning. A DMP provides guidance on water supply shortage forecasting, as well as water management decisions, which can then be integrated into local plans, policies, bylaws, and best management practices. In addition, the RDKB wants to ensure that adequate water supplies are available within the watershed under drought conditions in the future considering population growth, changes in agricultural practices and crop types, as well as climate change.

[Associated Environmental Consultants Inc.](#) (Associated), located in the Okanagan, has prepared this proposal in response to the Request for Proposal (RFP) issued by the RDKB in March 2021. For this proposal, Associated has teamed with [Okanagan Nation Alliance](#) and [RHF Systems Ltd.](#) Our proposed Project Team is well qualified to complete the development of the DMP for several reasons, including having recently developed a DMP for the City of Penticton to support water management decisions under varying drought levels. We have also worked with the Regional District of North Okanagan (RDNO) to update their DMP, completed a drought and flood planning gap analysis for the Regional District of Okanagan-Similkameen (RDOS), and supported the Okanagan Basin Water Board (OBWB) with documenting the state of drought readiness for Okanagan water suppliers. In these previous endeavours, we have developed plans and recommended approaches to consider water supply variability under varying climate conditions, incorporating fisheries flow targets into operations, and updating drought response decision trees to identify critical decision points that help identify dates, stages, and/or projected forecasts that warrant heightened awareness and water conservation planning.

The cornerstone of our proposal is our Project Team. We offer the following advantages that set us apart and make us the best choice for the development of the DMP ('the project'):

- Drought Management Plan local and regional perspective. Our recent experience in water supply and demand studies in the Okanagan, Kettle, Similkameen, and Nicola River watersheds gives us a practical understanding of the water supply challenges that communities across the BC southern interior face under existing and future climate conditions. In addition, we have contributed to the regional drought response plan that the OBWB is developing for the Okanagan Basin, and contributed to the development of drought triggers for the Okanagan mainstem lakes.
- Awareness of water management issues. We are very familiar with historical, current, and future water management issues and challenges in the Okanagan generally, and within the Nine Mile watershed area. Members of our Project Team developed recommendations for the RDOS to support the development of DMPs for their water systems, as well as completed drought assessments for the BC Ministry of Forests, Lands and Natural Resource Operations and Rural Development in 2015 to support provincial drought management planning.
- Strong familiarity with fisheries concerns and environmental flow needs. Associated and the ONA spent considerable time working with the OBWB to set environmental flow targets within the Okanagan Basin.
- Communication commitment. The Project Team has many years of experience in effectively communicating scientific information to stakeholders and the general public. As the components of a DMP are technical in nature, our experience will help ensure that the results are communicated in way that allows for an easy transition from results to a plan and/or action items.

This proposal includes an introduction to the project (Section 1), an overview of our qualifications and experience (Section 2), our proposed methodology and approach to the project (Section 3), our proposed fees and schedule (Section 4), and references (Section 5).



Regional District of Kootenay Boundary

1.1 Project Background and Understanding

Nine Mile Creek watershed is a transboundary watershed that drains southwest into Osoyoos Lake in the United States. Within the Canadian portion of the watershed, the RDOS and RDKB both have jurisdictional governance and thus, a collaborative effort is needed to support water management. Nine Mile Creek watershed includes heavy surface and groundwater use and in recent years, reduced flows in artesian wells have been identified along with reduced streamflows, resulting in fishery impacts throughout the watershed. Since water supply within the watershed is determined by rain, snowfall, and the storage capacity of reservoirs and aquifers, water shortages are a major concern, and could escalate in the future.

As water demand is generally predicted to increase in the future, local water users may need to augment their surface and/or groundwater withdrawals. Increasing water withdrawals and storage could impact environmental flow needs, downstream water licences, and water availability to all users within the watershed. Balancing water supply and use, determining effects of future climate change, defining the role of water in land use and economic development, and protecting the ecological functions of water all depend on good scientific, socio-economic, and governance information. As a result, the RDKB is seeking to develop a DMP to balance the health of the watershed, water supplies during normal, dry, and wet years, and future development plans and growth.

1.2 Project Objectives

As detailed in the RFP, the primary objective of the project is to develop a DMP for the portion of Nine Mile Creek that is within the RDKB boundary that provides a summary of water users, details on historic and projected droughts and impacts, as well as planning initiatives to support long term water management. It is expected that the development of the DMP is to be consistent with the approaches outlined within the Ministry of Environment's (MOE) *Dealing with Drought: A Handbook for Water Suppliers in BC* (2016) and the OBWB's *Building Drought Resilience in the Okanagan* (2016), but also consider the drought planning approaches included within the RDKB's *Drought Management Plan: Kettle River Watershed* (2020).

2 QUALIFICATIONS AND EXPERIENCE

2.1 Company Profile

Associated Environmental Consultants Inc. is a wholly-owned subsidiary of Associated Engineering and our staff share offices and infrastructure with our engineering counterparts. We are one of Canada's most comprehensive, multi-disciplinary, consulting firms, providing services to government, industry, First Nations, and small business clients throughout western and northern Canada. Associated has a reputation founded on its commitment to providing a high level of client service through good communication, responsiveness, and an understanding of our client's needs.



Associated has a particularly strong record in watershed management, hydrological analysis and modeling, water supply and demand, groundwater supply, and water quality sampling and analysis, having worked in these fields since the company was founded in Vernon in 1994. Associated has extensive experience conducting technical studies for local, provincial, and federal government agencies and has worked successfully with the RDKB and other local governments within the Okanagan, Kettle, Similkameen, and Nicola River watersheds. These projects have included completing drought planning for the City of Penticton, the RDOS, and Greater Vernon Water, as well as developing watershed plans for the RDOS and RDKB, and conducting water supply investigations, environmental flow needs assessments, hydraulic connectivity studies, and environmental impact assessments. Recently, Associated also

Regional District of Kootenay Boundary

completed a Source Water Protection Plan for Christina Lake and previously completed the Kettle River Watershed Management Plan – Phase 1 Technical Assessment for the RDKB.

Some recent and relevant projects that demonstrate Associated's and the Project Team's experience in drought management plans, water supply and demand assessments, hydrology assessments, climate change investigations, and developing environmental flow needs are highlighted in Table 2-1.





Associated is joined by the Okanagan Nation Alliance and RHF Systems Ltd. on this proposal. Further description of this collaboration is provided in the next sections.

2.2 Team Structure

To provide open, efficient, and effective services to the RDKB, we have assembled a team of specialists with expertise in watershed and drought planning, climate change assessment and impacts, fisheries assessments, environmental flow needs setting, and technical and non-technical communication. The Project Team will be guided by Project Manager and Project Lead [Drew Lejbak, M.Sc.](#), who has extensive experience completing watershed management and drought planning exercises, climate change assessments, and hydrology investigations in BC. He will be supported by [Andras Szeitz, M.Sc., GIT](#) (Environmental Scientist – specializing in hydrology) and [Dylan Riley, M.Sc.](#) (Environmental Scientist – specializing in hydrogeology). In addition, [Karilyn Alex, M.Sc.](#) (Fisheries Biologist with Okanagan Nation Alliance) will provide environmental flow needs and aquatic resource insights, while [Ron Fretwell](#) (RHF Systems Ltd.) will provide agricultural water demand estimates for Nine Mile Creek watershed from the Okanagan Water Demand Model.

Each of the Project Team members will be available for the duration of the project. No limitations to this availability are foreseen. The experience of each of the members of the Project Team is described in Section 2.3. In addition, the Project Team will also be supported by internal staff (administrative, scientists, mapping specialists) as required. Additional technical project input can be provided by staff such as Senior Hydrogeologist Marta Green, P.Geo., Senior Biologist Rob Hoogendoorn, R.P.Bio, and Senior Geoscientist, Brian Guy, Ph.D., P.Geo.

Table 2-1 Summary of recent and relevant project experience

Drought and Flood Risk Management and Mitigation Plan: Gap Analysis (2017)	City of Penticton – Drought Management Plan (2020-2021)
<p>Client: Regional District of Okanagan-Similkameen (RDOS)</p>  <p>Description: Associated was retained by the RDOS to complete a gap analysis to guide the development of a Drought and Flood Risk Management and Mitigation Plan (DFMMP) to help mitigate the risk of water supply shortage, support future water use planning, and guide the protection of infrastructure and public safety during periods of flooding. The gap analysis was the first step of the DFMMP, and the results of the analysis provided guidance to the RDOS for community coordination and management decisions, as well as to support integration into local plans, policies, bylaws, and best management practices. The RDOS's goal for the DFMMP is to ensure that adequate water supplies are available to all individuals and that infrastructure and public safety are adequately protected under drought and flood conditions considering future population growth, climate change, and land use changes.</p>	<p>Client: City of Penticton</p>  <p>Description: The City of Penticton (City) required the development of a Drought Management Plan (DMP) - a policy to help mitigate the risk of water supply shortage and to support future water use planning. The goal of the DMP is to provide improved guidance for management decisions within the City's distribution area, which are to be integrated into other local plans, policies, bylaws, and best management practices (as required). In addition, the City wanted to ensure that adequate water supplies are available under drought conditions in the future considering population growth, changes in agricultural practices and crop types, as well as climate change. Associated developed the DMP for the City in 2020 and is currently working with the City to update the DMP to reflect new water conservation measures included within a bylaw update.</p>
Water Shortage Management Review for Greater Vernon Water (2017)	Similkameen Valley Watershed Management Plan (2011-2017)
<p>Client: Regional District of North Okanagan (RDNO)</p>  <p>Description: The RDNO-Greater Vernon Water (GVW) required an update to their 2011 Drought Management Plan (DMP); a policy to help mitigate the risk of water supply shortage and to support future water use planning. The goal of GVW's DMP is to ensure that adequate water supplies are available under drought conditions in the near term, as well as in the future considering population growth, changes in agricultural practices and crop types, and climate change. Included within the DMP update is the consideration of all times/situations of water supply shortages (including water distribution system limitations) not only times of hydrological and/or meteorological droughts. Associated was retained to complete the DMP update.</p>	<p>Client: Similkameen Valley Planning Society (SVPS) and Regional District of Okanagan-Similkameen (RDOS)</p>  <p>Description: In 2011, Associated began working with the RDOS and the SVPS to develop the Similkameen Valley Watershed Plan (SVWP). Associated's involvement began with a Scoping Study to review available information and identify the gaps that needed to be filled to enable the watershed planning process to proceed. In 2013, Associated completed Phase 1 of the SVWP, which included development of an information database, estimation of water use in the watershed, identification of data gaps, and development of recommendations for further technical assessment. This was followed in 2014 by Phase 2, which included three technical assessments to support the planning process. Between 2016 and 2017, Phase 3 was completed, which included assessing agricultural groundwater use, estimating future water demand, and developing an implementation strategy for agricultural groundwater management.</p>
Kettle River Watershed Management Plan – Phase 1 Technical Assessment (2012)	2015 Drought Response: Summary of Water Use, Fisheries, and Streamflow (2015)
<p>Client: Regional District of Kootenay Boundary (RDKB)</p>  <p>Description: Associated completed the Phase I Technical Assessment of the watershed management plan for the Kettle River Basin with the findings presented in the "State of the Kettle River Watershed" report. This report was used to set planning goals, policies, and actions and to maintain the long-term health of the watershed. The State of the Watershed report addressed surface water quantity, groundwater quantity, water quality and riparian and fish habitat. The report identified the information gaps that were limiting watershed planning and developed recommendations for addressing those gaps in order of priority.</p>	<p>Client: BC Ministry of Forests, Lands, and Natural Resource Operations (FLNRO)</p>  <p>Description: In support of the FLNRO operational 2015 water management initiatives, Associated was retained to provide key information to support consideration of orders to restrict irrigation water withdrawals from surface water sources for a number of watersheds in the Thompson-Okanagan Region. The key information provided by Associated included estimates of irrigation water demands, fish and fish habitat and populations at risk, critical life stages and timing, rearing and spawning streamflow threshold values, and streamflow forecasts.</p>
Okanagan Hydrologic Modelling Project (2018-2019)	Development of Streamflow Datasets to Support the Application of the Okanagan Tennant Method (2019)
<p>Client: Okanagan Basin Water Board</p>  <p>Description: Associated developed watershed hydrologic models for 18 key tributaries within the Okanagan Basin. The project included the development and application of a fully featured computational hydrologic modelling framework for the Okanagan Basin (the "Okanagan Hydrologic Modelling Environment" [OHME]). Using the Raven Hydrological Modelling Framework (Raven), Associated developed a modelling framework that allowed for individual watersheds to be calibrated, verified, and modelled independently, or in combination. OHME is fully configured to provide naturalized and residual streamflow estimates at various points of interest across the Okanagan Basin and can use a variety of observation datasets to complete custom calibrations to support users' needs. OHME is highly scalable to large hydrologic simulations using cloud-based infrastructure, includes extensive data pre- and post-processing tools, and is governed and distributed using a structured version control method. Throughout the project, Associated contributed to continued development and expansion of Raven.</p>	<p>Client: Okanagan Basin Water Board</p>  <p>Description: Associated was retained to develop credible streamflow datasets required to set Environmental Flow Needs in 18 Okanagan tributaries using the Okanagan Tennant method. The streamflow datasets included naturalized long-term mean annual discharge and representative time-series of naturalized (or natural), residual (under current water use), and residual (under maximum water use) streamflows. Streamflows were estimated using actual streamflow records and/or regional analysis approaches. The resultant datasets were then used by the Okanagan Nation Alliance to estimate environmental flow needs in each of the priority watersheds.</p>

2.3 Team Experience

This section summarizes individual experience for each of our Project Team members. Resumes for each Project Team member are provided in Appendix A.

Drew Lejbak, M.Sc.

Associated



Project Role: Project Manager

Qualifications and Experience: Drew is a Senior Hydrologist with 15 years of professional experience in water resource management, in both the private and public sectors. Drew is also a climate change subject matter expert with Associated. He has been the Project Manager and Lead Hydrologist for various drought and flood planning studies in BC that have considered climate change, and has presented on the topic at selected national conferences. He has also led and contributed to the development of various watershed management plans that have focused on balancing water supplies for communities and the environment in water scarce areas.

Responsibilities: As Project Manager, Drew will provide consistent and clear overall project management, including schedule/budget management, client communication and status updates, and project team coordination. Drew will also lead the development of the DMP drawing upon his previous experience in developing similar plans for local governments.

Recent and relevant project examples include:

- Lead Hydrologist for the development of a drought management plan for the City of Penticton.
- Project Manager and Lead Hydrologist for the Regional District of North Okanagan's drought management plan update to help mitigate the risk of water supply shortage and to support future water use planning.
- Project Manager and Lead Hydrologist for the completion of a drought and flood plan gap analysis for the Regional District of Okanagan-Similkameen to help guide the development of a Drought and Flood Risk Management and Mitigation Plan for the Okanagan-Similkameen area.
- Project Manager and Lead Hydrologist for the completion of three technical studies needed to support the development of the Similkameen Watershed Plan, including investigating water supply and demand considering the effects of climate change, water quality status and trends, and surface water – groundwater interaction within the Similkameen River watershed.

Andras Szeitz, M.Sc., GIT

Associated



Project Role: Environmental Scientist (Hydrology)

Qualifications and Experience: Andras is an Environmental Scientist with three years of experience and a background in geoscience and hydrology. His experience includes analysis and summarization of climate trends in forest management regions, development and QA/QC of province-wide gridded climate datasets, and data processing, analysis, and summarization of future streamflow change in the Fraser Valley Regional District. Andras also has experience summarizing and communicating complex research results in technical reports.

Responsibilities: Andras will assist in the gathering of background information, estimate water demands and streamflows, and assess climate change influences on the watershed.

Recent and relevant project examples include:

- Data analyst for developing climate trends in Timber Supply Areas and Free Farm Licenses for Informing Annual Allowable Cuts across BC.
- Data management for BC Climate Data, Partnership for Water Sustainability in BC, Abbotsford, BC.
- Project support for an Agricultural Water Supply Assessment in the Fraser Valley Region.
- Data analyst for the development of water demand estimates for the Similkameen River watershed to support the development of a hydrologic model to assess drought occurrences.

Regional District of Kootenay Boundary

Dylan Riley, M.Sc.

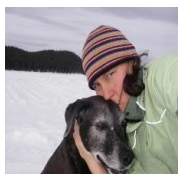
Associated

**Project Role:** Environmental Scientist (Hydrogeology)**Qualifications and Experience:** Dylan is an Environmental Scientist with three years of experience and a background in geoscience and hydrogeology and geochemistry. His experience includes supervising drilling monitoring and production wells, groundwater sampling and performing pump tests and analysing their results. Additionally, Dylan has experience summarizing and communicating complex research results in technical reports.**Responsibilities:** Dylan will assist in the gathering of background information related to groundwater use, artesian well flow, and aquifer recharge/water balance.**Recent and relevant project examples include:**

- Completing and analysing pumping test data for a potable supply well for a field research station in the southern Okanagan.
- Performing technical analysis for a groundwater licence for a prospective Cherry orchard in the northern Okanagan.
- Project support for Groundwater at Risk of Pathogens (GARP) studies for a city in the interior of British Columbia.

Karilyn Alex, M.Sc.

Okanagan Nation Alliance

**Project Role:** Fisheries Biologist**Qualifications and Experience:** Karilyn is a Fisheries Biologist with over 20 years of professional experience with the Okanagan Nation Alliance. Her main area of work includes river restoration in regards to salmon spawning and egg incubation habitat through the guidance from Traditional Ecological Knowledge. She also has experience in hydraulic modelling assessing types for flow parameters that impact spawning Sockeye Salmon, as well as the establishing of environmental

flow needs for several tributaries within the Okanagan Basin.

Responsibilities: As the Fisheries Biologist, Karilyn will provide insights into aquatic resource needs throughout the watershed and specifically how upstream water use could be impacting fishery values.**Recent and relevant project examples include:**

- Fisheries Biologist for the Skaha Lake Sockeye re-introduction program.
- Fisheries Biologist for the McIntyre Dam and Skaha Dam fish passage.
- Fisheries Biologist for establishing environmental flow needs on high priority tributaries in the Okanagan Basin.

The project team will also be supported by Ron Fretwell of RHF Systems Ltd. Although not a core member of the Project Team, Ron is highlighted here because he is currently the operator and data manager for the BC Ministry of Agriculture's Agriculture Water Demand Model (AWDM). Ron is currently under contract with the BC Ministry of Agriculture and Agriculture and Agri-Foods Canada. Thus, he will provide the Project Team with the necessary water demand outputs for the project. The Project Team has numerous years of experience working with Ron, having used the AWDM for watershed management plans in the Okanagan, Similkameen, and Kettle River watersheds.

3 PROJECT APPROACH

The tasks proposed to meet the objective of the project are outlined below and build on the information provided in the RFP.

3.1 Project Initiation Meeting (Task 1)

We propose to begin the project with a project initiation meeting in an agreed upon virtual format. Given the complexity and potentially sensitive nature of the issues to be explored through the study, it will be important to ensure that all members of the RDKB and Project Team have a clear and common understanding of project objectives and desired outcomes. The purpose of this meeting will be to establish lines of communication between the Project Team and RDKB, and confirm project objectives, scope, budget, deliverables, and schedule. The Project Manager will remain in close contact with the RDKB Contract Monitor during the project to ensure that the study proceeds in a timely and efficient manner.

The meeting will also present an opportunity for the Project Team to understand the RDKB's vision for the DMP and especially how the views of the RDKB and local stakeholders have shaped plan objectives and priorities. This will enable the team to focus the development of the DMP. During the meeting, participants will identify available information to support the project. After the meeting, we anticipate that the RDKB will provide a database or digital folder of all documents and datasets discussed.

Deliverable: Record of Meeting.

3.2 Literature Review (Task 2)

To ensure that all sources of information and data are adequately understood in the development of the DMP, the Project Team will review all information identified within the RFP, as well as the following (but not limited to):

- Existing studies relevant to climate change, watershed management, surface water and groundwater use, and aquatic values within the Nine Mile Creek watershed.
- Okanagan Water Demand Model.
- Hydrometric data from available United States Geological Survey (USGS) hydrometric stations (i.e., Nine Mile Creek at East Lake Road near Oroville, WA).
- Mapped aquifer information for Aquifer 809 (Sand and Gravel) and 810 (Bedrock).
- Climate information from available Environment and Climate Change Canada (and other) climate stations.
- Gridded historical and future climate projection datasets and modelled historical and future streamflow estimates available from the Pacific Climate Impacts Consortium (PCIC) and the Okanagan Water Supply and Demand Study.

This information will be used to complete an independent assessment of the factors that influence drought management within the Nine Mile Creek watershed and to help shape/update drought planning for the future. We anticipate that the RDKB will provide a database or digital folder (during the project initiation meeting) of all documents and datasets identified in the RFP (at a minimum) that are not available publicly.

Deliverable: No deliverable; data collection exercise.

3.3 Water System Profile (Task 3)

As outlined within MOE's *Dealing with Drought: A Handbook for Water Suppliers in BC* (2016) and the OBWB's *Building Drought Resilience in the Okanagan* (2016), the first task in the development of a DMP is to complete a water system profile. However, a water system profile is generally specific to a water supplier, not an entire watershed. Therefore, because there are multiple private water users within the watershed, the water system profile will provide an overview of the RDKB portion of the watershed's water users, water source(s), and water demands. Specifically, information on the following will be summarized where available:

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- Watershed description – location and size, general population, land use, and watershed features.
- Water resources – surface water (streamflows and reservoir levels [where available], effects of storage and diversion, critical low streamflows) and groundwater (description of groundwater resources, water well data, mapped aquifer vulnerability, productivity, and demand).
- Water quality – general surface and groundwater quality characteristics and trends.
- Water resource issues – environmental flow needs, identification of species at risk and/or designated sensitive streams, and downstream water users.
- Water management analysis – natural streamflows, water demands by water user type and current and future demands.

To support this task, two specific analyses will be completed:

- Use of the Okanagan Water Demand Model (OWDM) for the estimation of historic water demands (1950-2017) within the Nine Mile Creek watershed. The OWDM is a computer model that provides estimates of agricultural (i.e., irrigation and stockwatering) and domestic water demand for the Okanagan Basin. Since actual water use records are generally limited, the OWDM provides the best estimate of water demand for the watershed. Note that the OWDM is the same as the AWDM (noted in Section 2.3) but is just a modified version specific for Okanagan Basin use.
- Application of the Okanagan Tennant Method to estimate environmental flow needs (EFN) and critical low streamflows on Nine Mile Creek at the international boundary. The Okanagan Tennant Method is a desktop approach to EFN-setting that has been accepted for use in the Okanagan Basin (developed by the OBWB). To support this, Nine Mile Creek streamflows will be estimated using regional analysis approaches and building upon the limited data available at the USGS hydrometric station (i.e., Nine Mile Creek at East Lake Road near Oroville, WA). EFN-setting thresholds will be set using appropriate fish periodicity charts based on the most sensitive fish species within the watershed (i.e., likely Steelhead Salmon).

Deliverable: No deliverable; information to be included within the Draft and Final Reports (Section 3.5).

3.4 Water Management Strategy (Task 4)

The factors influencing the potential for drought within the Nine Mile Creek watershed are generally outlined within the RDKB's *Drought Management Plan: Kettle River Watershed* (2020). At this stage, drought management within the RDKB portion of Nine Mile Creek watershed is expected to be dependent upon local and community collaboration and water conservation. By completing the water system profile (Task 3), a general understanding of the varying water supply and demand needs (both aquatic and human) will be highlighted. From there, a water management strategy will be recommended that, at this stage, will likely use the Provincial Drought Levels (i.e., the current four levels, or the proposed update to six levels) and the USGS drought streamflow percentiles (for nearby hydrometric stations) as guidance around water management strategies and conservation within the watershed. Note that because the RDKB does not currently have a water conservation bylaw that outlines specific water reduction targets per drought stage or level, any recommended water conservation measure would be voluntary by water users at this point. However, having a strategy in place will help ensure that the local community is made aware of the local and regional drought status and suggested water conservation measures.

A general drought forecasting and drought decision process is outlined in Figure 3-1 and is provided as an example of content to be included to support the RDKB with the implementation of the DMP. As noted above, it is likely that the water (and drought) management strategy for the watershed will draw upon the Provincial Drought Levels, but additional and anecdotal information will be used where/when possible to help inform decisions and strategies.

Regional District of Kootenay Boundary

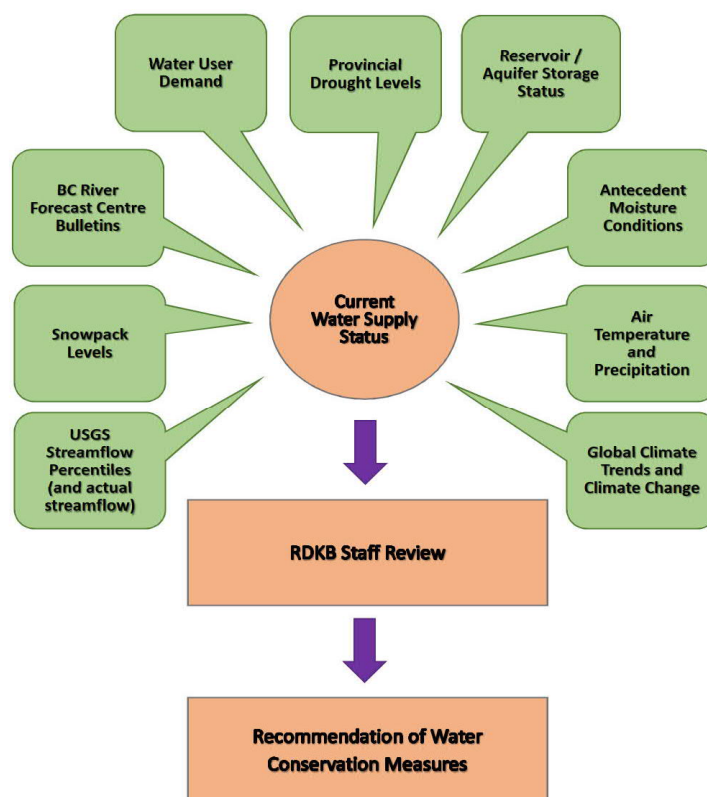


Figure 3-1 Drought decision process example for Nine Mile Creek watershed

Deliverable: No deliverable; information to be included within the Draft and Final Reports (Section 3.5).

3.5 Drought Management Plan – Draft and Final Report (Task 5)

A key element of our approach is a commitment to produce a highly readable and well-organized document that will assist the RDKB in making informed decisions about drought management that are consistent with provincial and other local government planning approaches. Based on the direction decided upon during the project initiation meeting (Task 1), a draft DMP will be prepared that will reflect the RDKB's vision and consider the results of the technical work completed (Tasks 2 through 4). The DMP will be structured in a manner similar to that recommended within the OBWB's *Building Drought Resilience in the Okanagan* (2016); however, the DMP will only include content relevant to the watershed and at a level consistent with available information. All Associated reports are reviewed by an experienced technical editor to ensure that they are clear, concise, and meet the project goals. The draft DMP will be provided to the RDKB in electronic format (Microsoft Word for report and PDF tables and drawings/figures) to facilitate review.

After receipt of comments on the draft report by the RDKB, we will prepare and submit the project final report.

Deliverable: Draft and Final Reports

3.6 Future Research and/or Projects

Although not a specific task to be completed as part of the DMP development, the RFP requests a section to be included within the proposal that outlines relevant future research and/or projects that would improve the understanding of water management within Nine Mile Creek watershed. Some suggested future work is as follows:

- Collaboration with Colville Confederated Tribes on the establishment of more detailed environmental flow needs (EFN) thresholds on Nine Mile Creek watershed for the management of streamflows to support Steelhead populations. EFN-thresholds can be established near the mouth or at the USGS hydrometric station to support real-time monitoring of drought and water conservation applications.
- Addition of the Nine Mile Creek watershed to the Okanagan Hydrologic Modelling Environment (OHME) – a Raven hydrologic model that was developed for the Okanagan Basin to model streamflows under naturalized, residual, and maximum licensed conditions to support water management decisions and water supply and demand analyses. The OHME was developed by Associated for the OBWB.
- Installation of a hydrometric monitoring station on Nine Mile Creek near the international border to monitoring streamflows to support communication/application of water conservation measures. Similarly, installation of a groundwater monitoring well or outfitting an existing well with a datalogger to monitor groundwater levels and trends over time.
- Development of a regional water conservation approach or bylaw for the RDKB that considers the application of consistent water conservation strategies within rural areas where water users are not dependent upon a water supplier/utility for water supplies.

4 FEES AND SCHEDULE

Associated provides the most cost-effective option for the development of the Nine Mile Creek watershed DMP due to previous, local experience developing watershed and drought management plans, establishing Environmental Flow Needs, and completing water supply and demand investigations. Thus, Associated has readily available technical analysis and report content that can be drawn from for efficiency, and to allow for the consistent application of approaches.

Associated understands that \$15,000 (not including applicable taxes) is available for this project, with the possibility of an additional \$5,000 (for a total project budget of \$20,000). The estimated cost to develop the Nine Mile Creek watershed DMP is **\$19,955** (not including applicable taxes). The costs and project allocation for each member of the Project Team is broken down by task in Table 4-1.

If the additional budget (\$5,000) is not obtained by the RDKB, the technical analyses included within the Water System Profile (Task 3) can be reduced in a manner consistent with the available budget. This reduction will not limit the development of a quality DMP – it is just that additional studies (Section 3.6) may be needed at a later date to update/refine the general plan.

The schedule for the development of the Nine Mile Creek DMP is as outlined within the RFP and presented here as follows:

- Contract Award – April 12, 2021
- Project Initiation Meeting (Task 1) – Week of April 19, 2021
- Project Tasks 2 to 4 – Week of April 19, 2021 to end of May 2021.
- Draft Report (Task 5) – June 30, 2021
- Final Report (Task 5) – August 18, 2021

Table 4-1 Fee Proposal for the development of the Nine Mile Creek Drought Management Plan

				Task 1		Task 2		Task 3		Task 4		Task 5a		Task 5b		Total	
				Project Initiation Meeting		Literature Review		Water System Profile		Water Management Strategy		Draft Report		Final Report			
LABOUR	ROLE	unit	rate/unit	units	cost	units	cost	units	cost	units	cost	units	cost	units	cost	units	cost
Associated Environmental Consultants Inc.																	
Drew Lejbak, M.Sc.	Project Manager/ Hydrologist	hr	\$ 175.00	3.0	\$ 525.00	2.0	\$ 350.00	7.5	\$ 1,312.50	4.0	\$ 700.00	4.0	\$ 700.00	2.0	\$ 350.00	22.5	\$ 3,937.50
Andras Szeitz, M.Sc.	Environmental Scientist (Hydrology)	hr	\$ 112.00	2.0	\$ 224.00	6.0	\$ 672.00	28.0	\$ 3,136.00	8.0	\$ 896.00	28.0	\$ 3,136.00	4.0	\$ 448.00	76.0	\$ 8,512.00
Dylan Riley, M.Sc.	Environmental Scientist (Hydrogeology)	hr	\$ 94.00		\$ -	4.0	\$ 376.00	10.0	\$ 940.00		\$ -	4.0	\$ 376.00		\$ -	18.0	\$ 1,692.00
Karilyn Alex, M.Sc. (ONA)	Fisheries Biologist	hr	\$ 62.00	1.0	\$ 62.00	2.0	\$ 124.00	8.0	\$ 496.00	3.0	\$ 186.00	8.0	\$ 496.00	1.0	\$ 62.00	23.0	\$ 1,426.00
Ron Fretwell (RHF Systems Ltd.)	Agricultural Water Demand Modeller	hr	\$ 125.00		\$ -		\$ -	8.0	\$ 1,000.00		\$ -		\$ -		\$ -	8.0	\$ 1,000.00
Senior Manager	Senior Review	hr	\$ 160.00		\$ -		\$ -		\$ -		\$ -	2.0	\$ 320.00	0.5	\$ 80.00	2.5	\$ 400.00
Senior Technical Editor	Editorial Review	hr	\$ 140.00		\$ -		\$ -		\$ -		\$ -	3.0	\$ 420.00		\$ -	3.0	\$ 420.00
GIS Technician	GIS Support	hr	\$ 152.00		\$ -	4.0	\$ 608.00		\$ -		\$ -	4.0	\$ 608.00		\$ -	8.0	\$ 1,216.00
Office Assistant	Technical Support / Clerical	hr	\$ 110.00	1.0	\$ 110.00		\$ -		\$ -		\$ -		\$ -	1.0	\$ 110.00	2.0	\$ 220.00
Total Labour				7.0	\$ 921.00	18.0	\$ 2,130.00	61.5	\$ 6,884.50	15.0	\$ 1,782.00	53.0	\$ 6,056.00	8.5	\$ 1,050.00	163.0	\$ 18,823.50
Disbursements																	
Minor Disbursements (6%)					\$ 55.26		\$ 127.80		\$ 413.07		\$ 106.92		\$ 363.36		\$ 63.00		\$ 1,129.41
Total Expenses					\$ 55.26		\$ 127.80		\$ 413.07		\$ 106.92		\$ 363.36		\$ 63.00		\$ 1,129.41
TOTAL (not including GST)					\$ 976.26		\$ 2,257.80		\$ 7,297.57		\$ 1,888.92		\$ 6,419.36		\$ 1,113.00		\$ 19,952.91

Assumptions:
All meetings are held virtually.
The RDKB can provide a database or digital folder (during the project initiation meeting) of all documents and datasets identified in the RFP (at a minimum) that are not available publicly.
No field reconnaissance of the watershed is required.
Total costs included in fee table assume that the RDKB receives both funding sources. If only one funding source is received (i.e., \$15,000) the budget will be revised accordingly, as outlined within Section 4.

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5 RISK MANAGEMENT PLAN

Risk is an uncertain event or condition that, should it occur, will influence the objectives of the project, and have a consequence on project cost, timing or completeness. The Project Team recognizes that risk is inherent in all projects. Consideration of project risk, and where necessary, development of a Risk Management Plan to address those risks, is a component of the Team's Project Management system.

Effective communication is required between the Project Manager, Project Team, and the RDKB to complete the project successfully. Therefore, this project will strictly follow the work plan and schedule outlined within this proposal. Any changes to the scope of work, schedule, budget, or deliverables will be communicated both verbally and through writing to the RDKB Contract Manager, and changes will be agreed upon prior to proceeding.

The Project Manager and Project Team members will be available from project initiation to completion. However, in an unforeseen circumstance when one of the Project Team members is unavailable to continue with the project, the Project Manager and other team members will step in and endeavour to complete deliverables within the proposed schedule and budget. Any such changes will be communicated by the Project Manager to the RDKB Contract Manager and shall only be implemented with written approval of RDKB.

6 REFERENCES

The following references are provided to support our proposal submission. The reports developed for the respective references are not available publicly but can be obtained through a direct request. Additional references can be provided upon request.

Reference 1:

Project: Greater Vernon Water – Water Shortage Management Plan Update

Client: Regional District of North Okanagan (RDNO)

Contact Name: Jennifer Miles

Contact Phone Number: (250) 550-3684

Contact Email: jennifer.miles@rdno.ca

Reference 2:

Project: City of Penticton – Drought Management Plan

Client: City of Penticton

Contact Name: Micheal Firlotte

Contact Phone Number: (250) 490-2564

Contact Email: Micheal.Firlotte@penticton.ca

Reference 3:

Project: Environmental Flow Needs Streamflow Dataset Development

Client: Okanagan Basin Water Board (OBWB)

Contact Name: Nelson Jatel

Contact Phone Number: (250) 469-6295

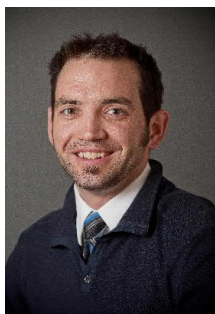
Contact Email: nelson.jatel@obwb.ca

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APPENDIX A - RESUMES



A-1



Drew Lejbak, M.Sc.

Surface Water Measurement & Modelling Specialist and Senior Hydrologist

Drew has a strong background in surface water hydrology, water quality, and water resource management. His broad experience includes flood and erosion assessments, mine drainage and settling pond assessments, channel hydraulic geometry investigations, peak and low streamflow analyses, regional hydrology assessments, environmental flow needs analyses, water balance investigations, climate change assessments, and water supply and demand investigations.

Education

- M.Sc., Physical Geography, University of Calgary – 2007
- B.Sc., Freshwater Science, University of British Columbia (Okanagan) – 2002

Employment History

- 2007 to date: Associated Environmental Consultants Inc.
- 2005 – 2007: Water Survey of Canada
- 2005: Parks Canada
- 2002: University of Western Ontario

Professional Societies

- Association of Professional Engineers and Geoscientists of British Columbia (Geoscientist-in-Training)
- Member – Canadian Water Resources Association / Canadian Society of Hydrological Sciences Discussion Group

Certification and Training

- 2019: WCB Occupation Level 1 First Aid with AB Endorsement
- 2017: R Training Course, CWRA
- 2013: HEC-RAS Training Course, CWRA
- 2012: CORMIX Introduction, Portland State University
- 2012: Swift Water Rescue Technician Level 1
- 2009: Avalanche Level 1
- 2006: Hydrometric Technician Career Development Program

HYDROLOGY AND HYDROMETRIC MONITORING

- Drought and Flood Risk Mitigation and Management Plan – Gap Analysis – Regional District of Okanagan-Similkameen, BC: Project Manager and Project Hydrologist to guide the development of a Drought and Flood Risk Management and Mitigation Plan for the RDOS to help mitigate the risk of water supply shortage, support future water use planning, and guide the protection of infrastructure and public safety during periods of flooding. The results of the gap analysis was used to guide the RDOS in community coordination and management decisions and to support integration into local plans, policies, bylaws, and best management practices (as required).
- Penticton Drought Management Plan, City of Penticton, Penticton, BC: Project Hydrologist for the development of a drought management plan (DMP) for the City of Penticton (City). The DMP provides a review of the City's water supply system and a decision-making process to support the City identifying and responding to hydrological and meteorological drought conditions.
- Water Supply Shortage Management Plan – Regional District of North Okanagan, Greater Vernon Water, Vernon, BC: Project Manager and Project Hydrologist for development of a Water Supply Shortage Management Plan (WSSMP) for Greater Vernon Water. The WSSMP is a tool to assist in ensuring that adequate water supplies are available under water shortage or drought conditions in the near term, as well as in the future considering population growth, changes in agricultural practices and crop types, and climate change. The WSSMP considers all times and situations of water supply shortages (including water distribution system limitations), and not only times of hydrological and/or meteorological droughts.
- Development of Streamflow Datasets to Support the Application of the Okanagan Tennant Method in Okanagan Streams – Okanagan Basin Water Board, Okanagan Basin, BC: Project Manager and Project Hydrologist in the development of credible streamflow datasets required to set Environmental Flow Needs in 18 Okanagan tributaries using the Okanagan Tennant method. The streamflow datasets included naturalized long-term mean annual discharge and representative time-series of naturalized, residual, and maximum licensed streamflows





Andras Szeitz, M.Sc.
Environmental Scientist

Andras is an Environmental Scientist with a background in hydrology and geoscience. His experience includes analysis and summarization of climate trends in forest management regions, development and QA/QC of province-wide gridded climate datasets, and data processing, analysis, and summarization of future streamflow change in the Fraser Valley Regional District. Andras also has experience summarizing and communicating complex research results in technical reports.

Education

- M.Sc. in Geography, University of British Columbia, 2019
- B.Sc. in Geographical Biogeosciences, University of British Columbia, 2017

Employment History

- 2019 to date: Associated Environmental Consultants Inc.
- 2017 – 2019: University of British Columbia
- 2017: Natural Resources Canada
- 2015: Natural Resources Canada

Professional Societies

- Member – Canadian Geophysical Union
- Member – Engineers and Geoscientists of British Columbia

Certification and Training

- 2019: Occupational First Aid Level 1
- 2018: 16-hour Wilderness First Aid

Awards

- 2019: Canadian Geophysical Union – Campbell Scientific Award for Best Student Poster in Hydrology
- 2018: Natural Sciences and Engineering Research Council Canadian Graduate Scholarship – Masters
- 2016: NSERC Undergraduate Student Research Award
- 2015: American Society of Photogrammetry Robert Bruce Scott Prize

HYDROLOGY AND GEOSCIENCE

- **Fraser Valley Agricultural Water Supply Assessment, Chilliwack, BC:** Provided technical support for an assessment of current water supply and agricultural water demand, and assessing projected changes in surface water supply due to climate change. The agricultural water supply assessment will be used to support future water management decisions.
- **BC Climate Data, Partnership for Water Sustainability in BC, Vancouver, BC:** Conducted rigorous quality assurance and quality check on provincial-scale, downscaled, climate data products. Developed code to extract data from areas of interest, computed meteorological variables (e.g., potential evapotranspiration), and summarized annual and seasonal climate trends.
- **Osoyoos Lake Climate Change Vulnerability – Similkameen Watershed Hydrological Model, Osoyoos, BC:** Compiled and analyzed water licences and water use information for the Canadian and US portions of the Similkameen watershed to develop water demand inputs to a hydrological model. The hydrological model will be used to determine future flow conditions in the Similkameen and its impact on Osoyoos Lake drought management.
- **Climate Trends in Timber Supply Areas (TSAs) and Tree Farm Licences (TFLs) for Informing Annual Allowable Cuts, FLNRORD, Omenica Region, BC:** Analyzed gridded historical climate data products for provincial TSAs and TFLs. The analysis consisted of quality-checking the output of data extraction, analyzing annual, seasonal, and long-term trends for air temperature and precipitation, and conducting a statistical analysis for each TSA/TFL and climate variable to identify statistically significant changes in climate over time.
- **Okanagan Basin Hydrological Model, Okanagan Basin Water Board, Okanagan, BC:** Junior hydrologist supporting the development, calibration, and data management of a basin-wide hydrological model built on the Raven hydrological modelling platform. Tasks included the production of calibration datasets, assistance with model development, and reporting.





Dylan Riley, BSc, GIT
Environmental Scientist

Dylan is an Environmental Scientist with three years of industry and consulting experience ranging from development geology in the energy industry to hydrogeology in the consulting industry. He has supervised the drilling, installing and development of production wells and sampled surface and groundwater in critical safety settings. He has also assisted in technical assessments for groundwater licenses; coordinated regulatory compliance for a mine; and provided support in developing 3D models and regulatory compliance reporting for numerous mining projects in BC and Alberta.

Education

- BSc, geology, University of Calgary

Employment History

- Associated Environmental Consultants
- Golder Associates
- Teck Resources Ltd

Professional Societies

- Association of Professional Engineers and Geoscientists of Alberta

Awards

- Queen Elizabeth II Master's Scholarship for outstanding academic achievement

Certifications and Training

- Tier 1SS Mine Driving (Fort Hills)
- First Aid
- Ground Disturbance Level 1
- CSTS
- H2S Alive

HYDROGEOLOGY EXPERIENCE

- Technical Assessment, Sandher Fruit Packers Ltd., Armstrong, BC: As the supporting field hydrogeologist, performed a desktop study for technical analysis for a potential cherry orchard. This included a site visit, review of on site well and relevant nearby well logs and developed a cross-section to determine surface water impacts.
- Existing Groundwater Licence Amendment, Crazy Creek Resorts, Crazy Creek, BC: As the supporting field hydrogeologist, performed a desktop study to support the amendment to an existing groundwater licence. Included review of well reports, review site works, determine water requirements, and develop a site description.
- MacDonnell Water Supply, Garth MacDonnell, Oyama, BC: As the supporting field hydrogeologist, completed the pumping test, collected groundwater samples, and analysed the data for a supply well for a Cherry Orchard.
- Pit Dewatering, Suncor, Fort Hills Mine: Field hydrogeologist responsible for supervising the drilling and logging of numerous large diameter pit dewatering wells using a sonic drilling rig and oversaw their later development.
- Gap Analysis Study, Teck Coal, Cardinal River Operations: Groundwater modelling support hydrogeologist. Identified gaps in groundwater monitoring through review of regulatory reports through the acquisition and collation of (hydro)geological data from client, governmental/regulatory and in-house various. Presented findings to senior geologists.
- Permit Compliance, Teck Coal, Coal Mountain Operations: As an Environmental Intern at Teck Coal, my primary responsibility was to coordinate regulatory compliance through crew engagement and managing a task tracking database. Reviewed CMO's numerous permits, input their requirements into a database and ensured permit tasks were submitted to appropriate task owners and followed up on to ensure completion and maintain compliance.



RESUME

Karilyn Alex, M.Sc., R.P.Bio. Fisheries Biologist & Fluvial Geomorphologist

Education and Development

- Masters of Science Biology Program, University of New Brunswick, Canadian Rivers Institute. Multi-disciplinary between fisheries biology and hydraulic engineering
- Bachelor of Science with major in Geography (fluvial geomorphology), University of Victoria
- Diploma in Fish, Wildlife and Recreation, British Columbia Institute of Technology

Summary of Experience:

Working with the Okanagan Nation Alliance Fisheries Department since 2002 supervising projects such as,

- The Skaha Lake Sockeye re-introduction Program,
- The McIntyre Dam and Skaha Dam fish passage
- The Okanagan River Restoration Initiative's (7 projects between 2008 – 2018)
- Shuttleworth sediment basin fish passage
- Similkameen river bank stabilization and log jam creation

Committees and Certifications

- Chair of the Okanagan River Restoration Initiative steering committee (2010-2018)
- Chair of the Canadian Okanagan Basin Technical Working Group (2018-2020)
- Course instructor in Stream restoration techniques (2009-2018)
- Registered Professional Biologist (2006 – 2018)

Selected Work Experience

Rivard-Sirois C., K. Alex, J. Squakin and C. Louie. 2017. Aquatic Monitoring 2016 for the Penticton Channel salmon spawning restoration work. Prepared for the Habitat Conservation Committee. Prepared by Okanagan Nation Alliance Fisheries Department, Westbank, BC.

Rivard-Sirois, C., K. Alex, C. Louie. 2017. Aquatic Monitoring of the Okanagan River Restoration Initiative (ORRI) – Post-construction 2016 Prepared by Okanagan Nation Alliance Fisheries Department. Westbank, BC.

Eyolfson, Z. and K. Alex. 2017. Fish friendly alternate structures at VDS14 through VDS17 - Scoping Conceptual Options. Prepared for the Canadian Okanagan Basin Technical Working Group and the Okanagan Sub-Basin Habitat Improvement Program – Colville Confederated Tribes. Prepared by Okanagan Nation Alliance Fisheries Department. Westbank, BC.

Alex, K., and R. Newbury. 2016. *Risk and benefit analysis of the sediment deposit in Penticton Channel from $ak^{+}x^{w}mina?$ (Shingle Creek)*. Prepared for the Colville Confederated Tribes. Prepared by Okanagan Nation Alliance Fisheries Department. Westbank, BC.



Okanagan Nation Alliance
Fisheries Department

SCHEDULE B- Eligible Costs for Eligible Recipients

1. Eligible Costs for Eligible Recipients

1.1 Project Costs

Eligible Costs, as specified in this Agreement, will be all direct costs that are in the Parties' opinion properly and reasonably incurred, and paid by an Eligible Recipient under a contract for goods and services necessary for the implementation of an Eligible Project. Eligible Costs may include only the following:

- a) the capital costs of acquiring, constructing or renovating a tangible capital asset and any debt financing charges related thereto;
- b) the fees paid to professionals, technical personnel, consultants and contractors specifically engaged to undertake the surveying, design, engineering, manufacturing or construction of a project infrastructure asset, and related facilities and structures;
- c) for capacity building category only, the expenditures related to strengthening the ability of Local Governments to improve local and regional planning including capital investment plans, integrated community sustainability plans, life-cycle cost assessments, and Asset Management Plans. The expenditures could include developing and implementing:
 - i. studies, strategies, or systems related to asset management, which may include software acquisition and implementation;
 - ii. training directly related to asset management planning; and,
 - iii. long-term infrastructure plans.

1.1.1 Employee and Equipment Costs

Employee or equipment may be included under the following conditions:

- a) the Ultimate Recipient is able to demonstrate that it is not economically feasible to tender a contract;
- b) the employee or equipment is engaged directly in respect of the work that would have been the subject of the contract; and
- c) the arrangement is approved in advance and in writing by UBCM.

2. Ineligible Costs for Eligible Recipients

Costs related to the following items are ineligible costs:

- a) Eligible Project costs incurred before April 1, 2005;
- b) services or works that, in the opinion of the RDKB, are normally provided by the Eligible Recipient or a related party;
- c) salaries and other employment benefits of any employees of the Eligible Recipient, except as indicated in Section 1.1
- d) an Eligible Recipient's overhead costs, its direct or indirect operating or administrative costs, and more specifically its costs related to planning, engineering, architecture, supervision, management and other activities normally carried out by its applicant's staff

- e) costs of feasibility and planning studies for individual Eligible Projects;
- f) taxes for which the recipient is eligible for a tax rebate and all other costs eligible for rebates;
- g) costs of land or any interest therein, and related costs;
- h) cost of leasing of equipment by the recipient, except as indicated in section 1.1 above;
- i) routine repair and maintenance costs;
- j) legal fees;
- k) audit and evaluation costs.



Federal/Provincial Gas Tax Funding Application

The personal information you provide on this RDKB document is being collected in accordance with the Freedom of Information and Protection of Privacy Act and will be used only for the purposes of processing RDKB business. This document may become public information. If you have any questions about the collection of your personal information, please contact Theresa Lenardon, Manager of Corporate Administration/Corporate Officer and Freedom of Information and Protection of Privacy Officer at 250-368-9148 or foi@rdkb.com.

Application Date

Project Title

Applicant Contact Information:

Name of Organization			
Address			
Phone No.		Fax No.	
Email Address			

Director(s) in Support
Of Project

Area

Amount Required \$

Is your organization a (please check where appropriate):

<input type="checkbox"/>	Not-For-Profit/Charity	<input type="checkbox"/>	Society #	<input type="checkbox"/>	Community Organization
--------------------------	------------------------	--------------------------	-----------	--------------------------	------------------------

Land Ownership – Please check one of the following:

☐ The applicant is the owner of the property

☐ The property is Crown Land. Tenure/license number

Do you have the Landowner's written approval to complete the works on the land(s)?

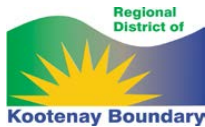
☐ Yes (include copies of permits)

☐ No

Ownership and Legal Description details are required for all parcels of land on which the proposed works will occur.

Registered Owners of Land	Legal Description of land(s)

202-843 Rossland Ave Trail, British Columbia Canada V1R 4S8
Toll-free: 1 800 355 7352 · tel: 250 368-9148 · fax: 250 368-3990
Email: admin@rdkb.com · web: rdkb.com

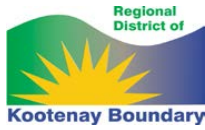


Application Contents – must include all of the following:

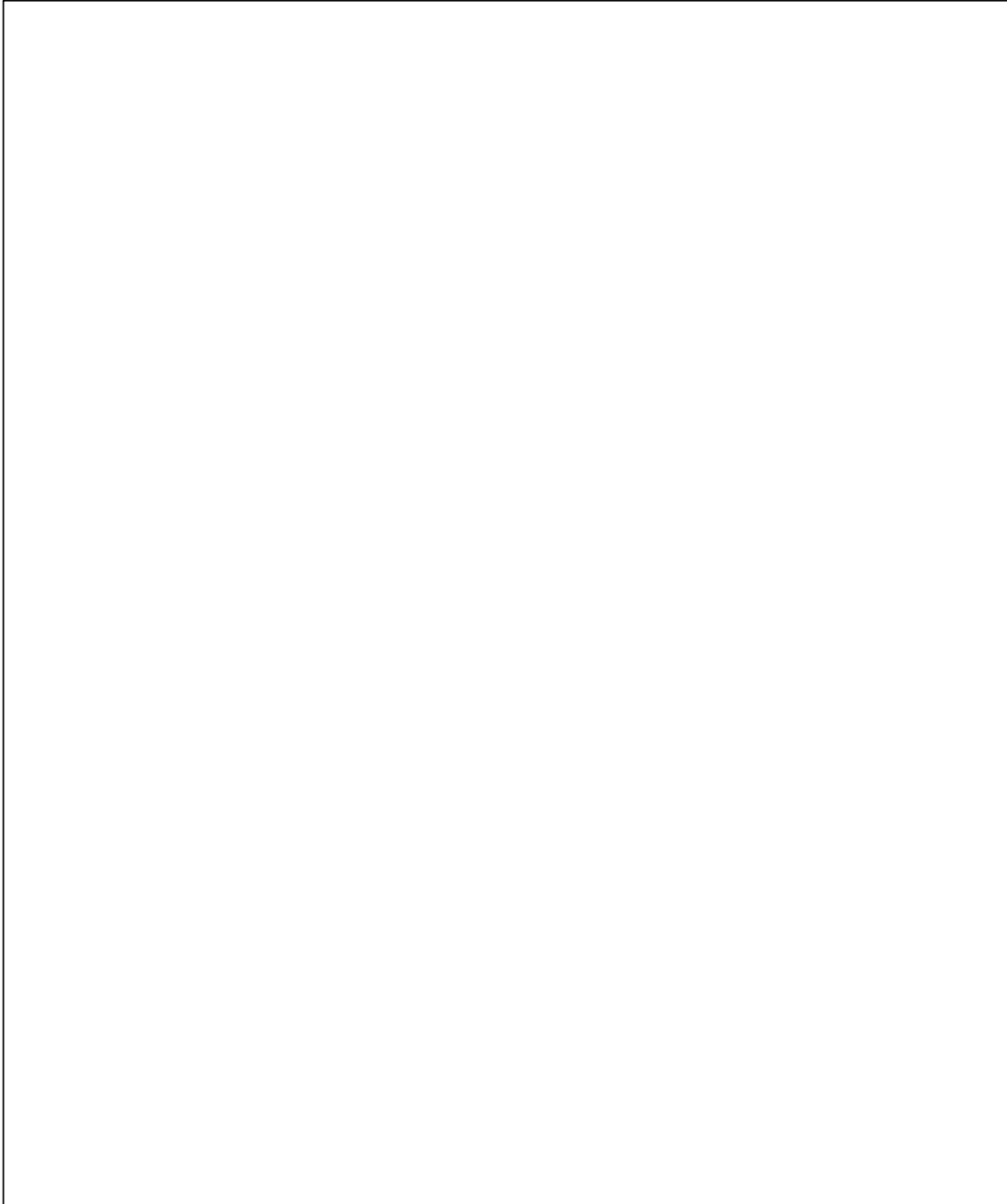
1. Description of the project including management framework
2. Project Budget including project costs (E.g. employee, equipment, etc.)
3. Outline of project accountability including Final Report and financial statements

1. Eligible Project Description including timeline:

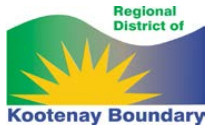
202-843 Rossland Ave Trail, British Columbia Canada V1R 4S8
Toll-free: 1 800 355 7352 · tel: 250 368-9148 · fax: 250 368-3990
Email: admin@rdkb.com · web: rdkb.com



1.1 Project Impact:



202-843 Rossland Ave Trail, British Columbia Canada V1R 4S8
Toll-free: 1 800 355 7352 · tel: 250 368-9148 · fax: 250 368-3990
Email: admin@rdkb.com · web: rdkb.com



1.2 Project Outcomes:

202-843 Rossland Ave Trail, British Columbia Canada V1R 4S8
Toll-free: 1 800 355 7352 · tel: 250 368-9148 · fax: 250 368-3990
Email: admin@rdkb.com · web: rdkb.com

1.3 Project Team and Qualifications:

--

2. Project Budget:

Eligible costs for this project are outlined below. These include all direct costs that are reasonably incurred and paid by the Recipient under the contract for goods and services necessary for the implementation of the Eligible Project. **Schedule B** outlines Eligible Costs for Eligible Recipients (see attached). **Attach supporting quotes and estimates.**

Items	Details	Cost (\$)
	Total	\$

Additional Budget Information

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3. Accountability Framework:

The Eligible Recipient will ensure the following:

- Net incremental capital spending is on infrastructure or capacity building
- Funding is used for Eligible Projects and Eligible Costs
- Project is implemented in diligent and timely manner
- Provide access to all records
- Comply with legislated environmental assessment requirements and implement environmental impact mitigation measures
- **Provision of a Final Report including copies of all invoices**

Schedule of Payments

The RDKB shall pay the Proponent in accordance with the following schedule of payments:

- (a) 75% upon signing of the Contract Agreement;
- (b) 25% upon receipt of progress report indicating 75% completion of the Project and a statement of income and expenses for the Project to that point.

By signing below, the recipient agrees to prepare and submit a summary final report outlining project outcomes that were achieved and information on the degree to which the project has contributed to the objectives of cleaner air, cleaner water or reduced greenhouse gas emissions. This must also include financial information such as revenue and expenses.

In addition, an annual report (for 5 years) is to be submitted to the RDKB prior to October 31st of each year detailing the impact of the project on economic growth, a clean environment, and/or strong cities and communities.

Signature	Name	Date
<i>Mark Daines</i>		

SCHEDULE B- Eligible Costs for Eligible Recipients

1. Eligible Costs for Eligible Recipients

1.1 Project Costs

Eligible Costs, as specified in this Agreement, will be all direct costs that are in the Parties' opinion properly and reasonably incurred, and paid by an Eligible Recipient under a contract for goods and services necessary for the implementation of an Eligible Project. Eligible Costs may include only the following:

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- c) for capacity building category only, the expenditures related to strengthening the ability of Local Governments to improve local and regional planning including capital investment plans, integrated community sustainability plans, life-cycle cost assessments, and Asset Management Plans. The expenditures could include developing and implementing:
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- e) costs of feasibility and planning studies for individual Eligible Projects;
- f) taxes for which the recipient is eligible for a tax rebate and all other costs eligible for rebates;
- g) costs of land or any interest therein, and related costs;
- h) cost of leasing of equipment by the recipient, except as indicated in section 1.1 above;
- i) routine repair and maintenance costs;
- j) legal fees;
- k) audit and evaluation costs.

CBT - CHARLES BAILEY THEATRE

OVERVIEW

SCOPE OF WORK AND METHODOLOGY

DWD was engaged by the Charles Bailey Theatre to review the stage rigging and drapery systems at the theatre and provide high level comment on the base building infrastructure. Local structural engineer Alison MacLeod was consulted for a preliminary opinion of the existing building structure, and its capacity for new rigging. Her detailed review was submitted in a separate report. We recommend an architect and engineering team is engaged to provide more detailed review of our initial comments.

DWD visited the Charles Bailey Theatre on December 6th, 2018. Interviews were conducted with theatre manager Nadine Tremblay, and a few technical staff on hand that day. A walk-through review of the theatre was completed with technical users. Rigging points in the ceiling were investigated and photographed, with DWD guidance, by theatre staff authorized to use a rented personnel lift.

EXISTING CONDITIONS

RIGGING

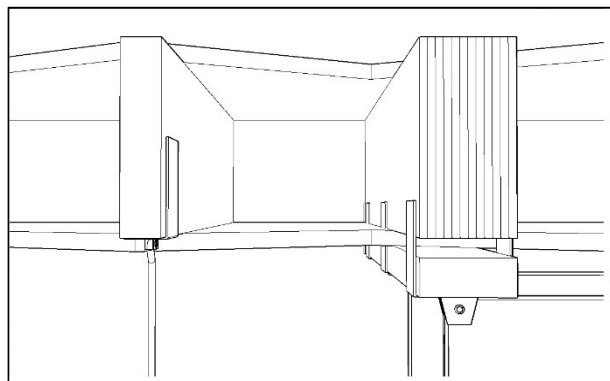
Stage rigging or a stage fly system is a integrated system of ropes, blocks and pulleys, counterweights, tie-off points, building anchor points, and/or automated hoists used to suspend and/or lift equipment and scenery above the stage. Two key types of overhead rigging are in use at the theatre; 1) static or dead-hung rigging that suspends loads at a fixed height overhead, and is not designed to move, 2) "Hemp" rigging consisting ropes and pulleys used to actively lift and lower scenery or equipment over the stage during the set-up or performance of a show.

In a hemp rigging system a 'set' of ropes called lift lines run through pulleys over the stage and are then connected to a length of wood or pipe called a "batten" that equipment or scenery is then attached to. A sandbag or other weight may be attached to each set of ropes on the other side of the pulleys to balance out the weight of equipment or scenery attached to the batten. All the ropes in each are pulled together, and then tied off to a pin or cleat attached to the fly gallery in order to lift things overhead. Hemp rigging is one of the simplest and oldest forms of stage rigging and has for the most part been replaced by counterweight or automated systems for the bulk of any heavy lifting over stages and performers. Hemp systems are still used in historical venues in conjunction with newer technology for lightweight scenery and small single point loads. In modern theatres actual hemp rope has been replaced by modern synthetic materials where such systems are still in use.

The existing components of the stage rigging at the Charles Bailey Theatre are of a variety of ages. The pulleys and wooden beams supporting them (loft beams) are original to initial building construction. These old pulleys are too small in diameter for the rope being used, and a safe working load for them cannot be determined.

Rope for the hemp line sets is of several different materials. Some appear to be natural fibres, and many are a nylon or polyester. We could not trace any of the rope back to its source to determine working loads. Lift lines run through pulleys underhung from wooden structure just below the ceiling at 10'-7" centres. Industry standard stage rigging of single battens requires spacing of 10' or less. There are only three lift lines per set on most of the battens, causing those battens to sag on the outside and lift in the centre. Consequently, drapes suspended from these battens drift offstage, and the tracks are now bent.

Dead hung battens used for stage lighting are suspended directly from the ceiling joists with wire rope. Custom purpose-built brackets bolted to ceiling joist provide an anchor for the wire rope. These battens have 7

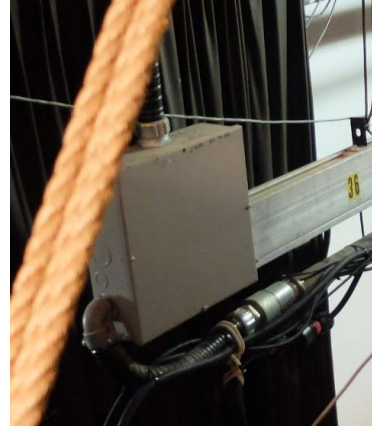


support lines spaced closer together. The wire rope terminations at the bottom end are not done properly. Many are looped around the entire electrical raceway and pipe, do not have the correct turn-back length, and/or wire rope clip spacing. There is a lot of excess wire rope bundled up to the live ends of these lines. At some points electrical conduit is cable tied to the wire rope lines sporting a batten. Terminations at the top appear to have been

bench swaged. The few top end terminations we could view were showing some discoloration. It looked like rust stains, but no other water damage was apparent.



Battens are of a variety of materials including plywood, and different drags of steel pipe. Some of the steel battens are also used to run electrical wiring inside them for dimmed stage lighting circuits. The plywood battens are attached to ropes using unrated and inappropriate hardware



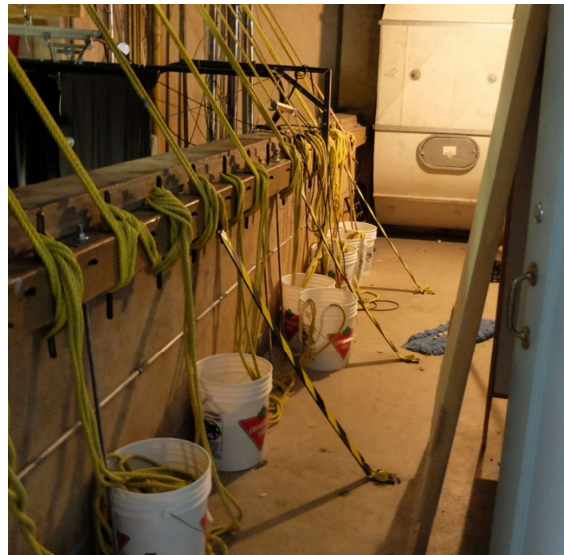
ARCHITECTURE AND INFRASTRUCTURE

Support for Stage equipment

Pulleys are through bolted with 1/4" bolts to wooden beams and appear to be from the original installation when the building was constructed. The static rigging for the stage lighting battens connected to ceiling/roof joists via custom made steel anchor points bolted through the joists.

Only a small sample of these connections were reviewed. This representative example was well made and could be expected to support 500 lbs each. Terminations for the newer electric battens pass through old plaster ceiling. Large holes have been patched up with gypsum wall board but are not properly fire stopped.

All the hemp sets run back to a pin rail with fixed tie-off points for the rope. Pin rails for traditional hemp sets would use loose belaying pins for easier release of the tied line set. This pin rail is bolted to an architectural mezzanine or "Fly Gallery". Cracks are evident in fly gallery balustrade, and two methods of remediation



are apparent. Most forces on the balustrade wall and pin rail are up and towards the stage due to the ropes pulling up to the over-stage pulleys. New steel supports to counter to these forces have been installed and are bolted to the mezzanine floor. These supports help support the balustrade wall but are also a tripping hazard and get in the way of easy movement along the mezzanine.



The main power control/dimmer rack of the stage lighting is also installed here creating further cramped movement along the fly gallery.

Lighting positions over the audience are limited to one catwalk and a few individual hatches for individual stage lighting fixtures. The hatches are held in place by wire rope on hand operated hoists. We did not try to operate these as they were in poor repair. Each hatch supports a single lighting fixture bolted to the hatch. These lights are older, discontinued models of automated special effect lighting. Other hatches support two pin-spots for a mirror ball suspended in a similar manner.

A note about the building structure

The building housing the Charles Bailey Theatre is a steel framed building designed and built in the 1930's. The theatre is a large open space that sits on top of the larger open spaces of the gym below. Over the stage is a small penthouse made of laminated 2x4 walls that makes the stage ceiling higher and transfers the loads from rigging down to the main steel framing. Large steel trusses are included in the building to span the large rooms and support the roof, snow loads, and any stage equipment. We had a local structural engineer do a preliminary review of the existing structure. Her findings were submitted in separate report, but we note here that some upgrading to the truss over the proscenium will be needed to meet modern building code if any rigging upgrades are to be considered. The truss below the stage may also need to be upgraded or supported with mid-span columns in the old gymnasiums below.

Stage

The stage floor is not level, it is canted or "raked" toward the front edge. This is per the original designs shown on the blue prints we had for review. Older theatres than the Charles Bailey sometimes used a more steeply raked stage to assist with force perspective scenery or to improve sightlines to musicians at the back of the stage. In this case the rake is so slight it does little to help with sightlines, and only creates an slightly odd feeling of balance for performers until

they realize the floor is not level. The height of the stage is higher than ideal for modern theatre, but acceptable. The original rake may have been designed to help with this.

An extension has been added to the front of the stage to create an apron. This extension is made of modern metal framed platforms. Drapery dressing the front of these risers hangs in front of the existing mechanical return grilles. The drape interrupts air flow and is sucked in towards the grilles when the air system is running.

The apron extension sits on an original heavy plank pit cover. This creates a slightly uneven floor but appears substantial enough to support the extended stage. We did not lift any of the panels to examine underneath.



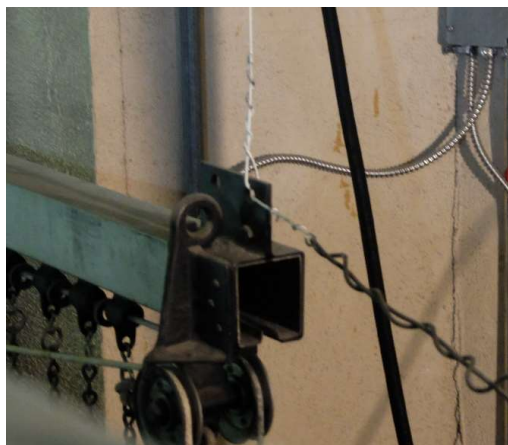
Stage Access

Access to the stage for scenery and equipment is severely compromised for modern equipment and scenery due to being on the third floor. Loading to the stage is either up several flights of stairs from a fire exit, or through standard height double doors that lead to a single elevator in a portion of the building shared with other tenants. Relationships with the other tenants are currently good, so after hours access and security are not a problem. Other tenants or security conscious theatre clients may have concerns with opening the rest of the building for stage access.

Access to this single elevator from street level is very difficult. There is no level access at the ground floor. Ramps are provided, but they are narrow, very long, and go through several hair-pin bends to reach the elevator. At stage level there is a very narrow hallway with four 90 degree turns between the elevator and the wide hallway leading to the double doors at the stage. We expect there are many touring shows that have scenery or equipment unable to make this traverse to the stage. A compromise to come up the main entrance stairs and then down through the auditorium would take a lot of time and personnel that rental clients may not have the budget for on a tour schedule. Carrying heavy equipment up these stairs also creates an ergonomic safety hazard for the staff involved.

DRAPERY

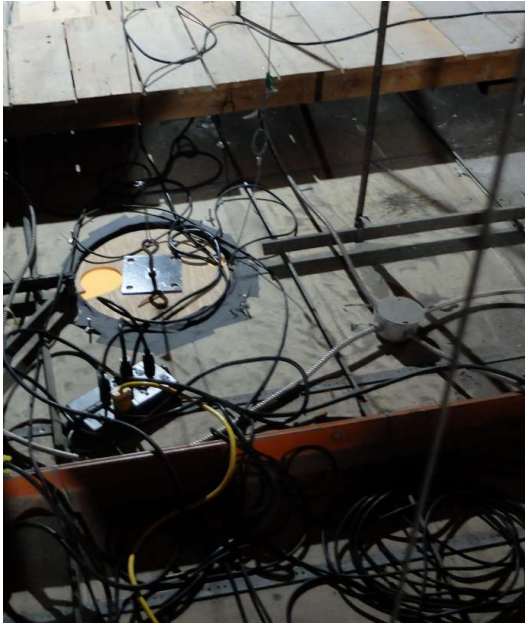
There is a system of drapes onstage that includes; a main bi-parting drape and valence (teaser), two sets of legs on pivot devices and tracks, an upstage black walk along traveller, and a white cyclorama. None of the drapery has a fire-retardant certificate or log of recent testing. All the fabric was dirty but otherwise in fair condition. The main valence had one major blemish on it. Tracks for the movable drapery are not supported at enough points or at



the ends properly. This causes them to bend down at the ends and not operate properly. The cyclorama is rigged directly in front of the upstage storage doors and is likely to be damaged.

STAGE LIGHTING

Electrical circuits for stage lighting are provided by served by both a dimmer rack on the fly gallery and portable power cable run to circuits on at stage level. Judging by the model and installation details we expect the dimmers were installed in the 1990s. The main components of this rack are still available, but the electronic control modules are obsolete. The portable cables are



plugged in to circuits onstage that look like they were installed with the recent audio system and lighting equipment purchase. Fixtures in the front of house are powered by portable power cables and residential quality power bars. Much of the cable runs are untidy and present tripping hazards. Almost all the stage lighting fixtures have been upgraded to modern LED colour changing models suitable for a stage of this size. These new fixtures are heavier than the original incandescent sources. These newer fixtures plus the added weight of extra portable cabling is putting more load on the static rigging battens than necessary.

Modern LED fixtures require lighting control connections at the fixtures to control colour, intensity and other features. There is limited control infrastructure in the building to support these new lights. Lights are controlled

by a reasonably new control console designed for the small concert market. The console is only a few years old and has enough control capacity for the current inventory of stage lighting fixtures.

A note about the building electrical

A review of the electrical system is not included in the scope of this report. Given the age of the building and the stage dimmer install we recommend the existing wiring is audited by a qualified engineer before any further upgrades are considered. Of particular note: *field circuits served by the dimmer rack, and any circuits serving the new LED stage lights should be checked for shared neutrals.* Older dimmer racks were often installed with under sized and/or shared neutrals. These wiring calculations and practices may be acceptable for utility building power, but can cause noise in the audio system power, or under rated circuit protection for stage lighting loads. Modern LED fixtures that use less electricity in operation often have large inrush currents at power on that can also cause problems if neutrals are undersized.

AUDIO

A new audio system was installed recently. The main components include a modern good quality speaker system and console. The console is a 5-year-old model still considered current and from a respected manufacturer known for its audio quality. Amplifiers and supporting processing equipment is installed in a new equipment rack in the stage right wing space. The rack takes up a lot of space that could be used for entrances and props/scenery storage.

There is not a lot of extra capacity for inter-connection from house mix position to the stage or backstage.

RECOMMENDED UPGRADES:

RIGGING

1. Remove all existing non rated, underrated, or undersized equipment including but not limited to:
 - Yellow Rope
 - Original loft blocks
 - Plywood battens and hardware
 - Improperly terminated or damaged wire rope
2. Properly fire seal the stage ceiling where existing rigging passes through. Fire seals need to be removable so that rigging connections can be inspected annually or install new anchors that pass through the ceiling.
3. Remove temporary cabling to reduce weight on the system – upgrade or replace dimmer racks with relays to support new lights instead.
4. Add a position in front of the proscenium for top lighting on the apron. This could be accomplished with a truss and two chain hosts. New anchors for these would be needed in the ceiling similar to those provided for the new speakers. This new position could also be accomplished using one of the lift systems noted below.
5. Upgrade the onstage rigging to make it safe, easier to use, and keep capacity for existing drapery and future equipment and scenery.

NEW RIGGING STAGE RIGGING ALTERNATIVES

Three options for completely new rigging systems are described below. They are listed in order of increasing flexibility, ease of operation and cost. We have not suggested a traditional counter-weight system for the Charles Bailey theatre. These systems, developed at the turn of the last century, use a guided cradle "arbor" system to balance out the weight of items over the stage with manually stacked steel weights. Due to the location of doors on the stage a system like this would need to be the double purchase type, which would require double the weight to be stacked on each arbor. These systems require well trained staff to be operated safely. Out of balance situations can easily be created causing accidents. As well, the manual stacking of weights is an ergonomically concerning physical movement.

Two of the options below include a major re-building of the roof over the stage. This is to increase the strength of the roof for modern snow loading calculations, and increased rigging loads from modern equipment. Opportunities to increase the insulation during this construction may

also be available. Optimal height for a rebuilt roof depends on budget and system type and should be reviewed in detail as part of any re-construction design.

The lightweight hemp sets mentioned in option one could also be added to augment any of the other options.

Option One

- Install high level fixed pipe grid with industry standard capacities to support remediated stage rigging. This grid may be able to be supported by the existing roof/ceiling structure (to confirmed by a structural engineer). The grid should be at a height that could be reached by in-house ladders or lifts, but as high as possible to allow some smaller scenery or draperies to be lifted up to it and out of sight.
- Re-rig electrics and drapery systems to this new pipe grid at fixed heights.
- Install 2-3 manual hemp battens for very lightweight loads – banners, short scenery pieces or microphones only.

Option two

- Rebuild the roof over the stage to support new steel rigging beams to support electric hoists and/or traditional rigging system.
- Install lightweight hoists (225kg or less) for lighting systems and the cyclorama only. Use self climbing hoists that do not need pulleys at ceiling level for ease of installation, inspection and maintenance. Hoists should have built in cable management and circuit raceways served by the new relays mentioned above. Anchor points at the ceiling still require periodic inspection so access to a lift that could reach these points needs to be available.
- Re-hang all tracked drapery at fixed locations. Off stage and pivoting movement of drapes would be maintained. Occasional repositioning of drapery by accessing the high ceiling connections would still be possible.
- Additional hoists of the same type could be added for over the apron, or additional scenery lifts depending on available budget.

Option three

- The same roof work above could support up to sixteen medium duty (500kg) fully automated hoists for Lighting, Drapery and Scenery.
- Packaged hoist systems could be installed on the wall of the fly gallery or under the roof of the new construction. Locating the hoist motors on the fly gallery would make installation, inspection and maintenance easier, but could require moving the dimmer rack. Exact configuration would depend on the quantity of hoists installed.
- For this system new pulleys (head and loft blocks) would need to be installed at ceiling height. These components require annual inspection. This can be done from a lift if the ceiling is not too high.
- If structurally feasible the new roof could be raised to allow for a tension wire grid near the current ceiling height and new roof and rigging beams high enough for worker access to walk on this grid. This would ease access to the new rigging components for inspection and future repositioning and be closer to industry standard for busy theatres.

DRAPERY

1. Replace all black drapery with modern IFR velour.
2. Clean and treat main drape and teaser with fire retardant or replace with modern IFR velour.
3. Re-rig tracks to full length battens. Existing track models are fine but need to be properly supported every 1.5 – 2.0m and at the ends where operating lines run to the floor. Ensure battens are properly supported to new overhead rigging at minimum spacing of every 3.0m.
4. Upgrade all pulleys and track operating hardware to fit a larger operating line for smoother operating and ease of use.
5. Consider adding an operating line and hardware to the US walk along drape.

LIGHTING

1. Have all electrical wiring reviewed by an EE for code and safety. Confirm no shared neutrals are being used in the stage lighting circuits
2. Change existing dimmers for lighting circuits to relays. Either; install a new theatrical relay panel, or update the dimmer rack central controller electronics to support relay modules and replace some or all dimmer modules with relay modules. Canadian OEM support for the existing system is available from an Alberta company that can provide local service to the Kootenay region.
3. Install a DMX over IP lighting control network with outlet ports in the FOH, each stage electric, and several points onstage.
4. Consider an upgrade to the lighting control console in the next few years, to model from a manufacturer more common in theatre and touring concert venues if it will attract more clients.

AUDIO

1. The recent updates are all good and in good repair.
2. If a lighting control system or significant electrical project is undertaken; consider installing permanent signal lines in conduit for the audio system to replace the portable type wiring currently in use.
3. If a nan upgrade to the signal wiring is undertaken, consider moving the equipment rack to the fly gallery or other location. Most of the equipment in this rack should not need day to day adjustments at the rack, and the space onstage would be appreciated by other departments.
4. Follow-up on acoustic recommendations noted in the 2015 technical audit. Drapes on tracks are another option to add some acoustic variability to any areas needing absorption or diffusion in the auditorium.

ARCHITECTURAL AND INFRASTRUCTURE

1. Add a fall arrest system to the front of house catwalk to protect workers that need to reach out to adjust lighting fixtures.
2. Remove and replace the hatches and hoists for the effect's lights. Replace the fixtures with modern LED sources on a batten hoist or small truss. This can be done in the same manner as an over the apron lighting position (see the rigging upgrades section). Or just move these fixtures to a new location and seal the hatches.

3. Update Structure to support existing code and new loads from any new rigging being considered.
4. Clean-up all electrical and signal wiring paths through the ceiling space. Review all wall penetrations made for these cables and fire-stop where needed.
5. Investigate the structural integrity of the pin rail and balustrade on fly gallery and repair if necessary.
6. Consider removing and replacing the orchestra pit cover and apron risers into a unified system for more even floor in front of the stage nitrated return air grilles.
7. Provide direct, straight-line access to and from the elevator at the third floor by reorganising the private office and hallway at that location.
8. Investigate the feasibility of replace the current elevator with a model that can open on both sides and create a covered loading space at ground level.

BUDGETS

The included order-of-magnitude allowances might be appropriate for suggested upgrades described above. These allowances are based on projects of similar scope, not detailed equipment lists. Allowances for rigging are for hoists and battens only. Any electrical, structural, or architectural improvements or upgrades required to support new equipment have not been included and should be investigated separately by qualified professionals.

Cut sheets of some recommended products have been included for reference only, other makes and models may also be suitable.

Budget Allowances for Proposed Equipment Upgrades					
Item	Budget Allowance			Note 2	Notes
Add a position in front of the proscenium for top lighting on the apron.	\$ 29,000.00	\$ 29,000.00	\$ 29,000.00		Lightweight hoist using stage controller
Add portable truss and two chain hoists for apron lighting.	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00		Alternative to hoist above using concert style rigging
New Stage Rigging Systems					
Option One - Dead hung grid and static rigging	\$ 40,000.00				
Option Two - Lightweight electric battens for select line-sets		\$ 140,000.00			
Option Three - Fully automated electric hoists for whole stage			\$ 615,000.00		
Replace and/or retreat stage draperies	\$ 18,750.00	\$ 18,750.00	\$ 18,750.00		
Upgrade drapery tracks	\$ 17,000.00	\$ 17,000.00	\$ 17,000.00		Allowance to replace all track if can't be straightened
Upgrade dimmer rack and add relays to select circuits	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00		allowance to change 72 circuits to relays
Install lighting control network	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00		
Rebuild apron platforms and pit cover	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00		
Installation and Materials - Electrical	\$ 75,000.00	\$ 100,000.00	\$ 18,000.00	*	
Installation and Materials -Specialty Theatre Contractor	\$ 30,562.50	\$ 45,562.50	\$ 116,812.50		
Subtotal	\$ 309,312.50	\$ 449,312.50	\$ 913,562.50		

Contingency - 25%	\$ 77,328.13	\$ 112,328.13	\$ 228,390.63
Systems Design and Coordination Fees	\$ 35,000.00	\$ 50,000.00	\$ 65,000.00
Engineering Fees	\$ 15,000.00	\$ 25,000.00	\$ 25,000.00
	\$ 436,640.63	\$ 636,640.63	\$ 1,231,953.13

A -20 to +50% contingency on an entire project is appropriate for projects at concept stage.
allow 8 - 12% of equipment budget.
* relating to equipment install only, not building assessments.

General Notes
1. The budget figures provided above are not cost estimates, but only suggests potential costs which may arise and reflects information
2. Electrical items noted with an * are to be confirmed by others.
3. Figures are based on order of magnitude budgets from similar projects, not detailed equipment lists.
4. Figures do not include: Taxes Cost Escalation Architectural design

ETC

Prodigy FlyPipe

Self-Climbing Hoist Series



GENERAL INFORMATION

Prodigy FlyPipe is a completely new approach to lowering and raising loads for display, storage, or production. Combining the simplicity of classic line shaft designs with that of a modern zero fleet angle hoist, the self-climbing FlyPipe delivers a modular, easy to install rigging solution that is a perfect match for the current generation of lighting and scenery packages.

The self-climbing hoist does not impose lateral loads on the overhead structure, making installation possible in facilities that cannot accommodate counterweight rigging or would otherwise require significant structural reinforcement.

The hoist consists of three modular elements: a Drive section, Span sections, and an End section. The shortest configuration, 5.5 m (18 ft), consists of the Drive and End sections with two TwinLine pairs of 3.1 mm (1/8 in) wire rope. The longest configuration adds two Span sections for a 11.6 m (38 ft) pipe with four TwinLines. Each section has a TwinLine, or set of two 3.1 mm (1/8 in) wire ropes.

HOIST DATA

Finish	black anodized
Travel distance	up to 15.25m (50 ft)
Wire rope size	pairs of 3.1mm (1/8 in) 7x19 GAC
Drive section weight	60 kg (140 lb)
Span Section weight	27 kg (60 lb)
End section weight	18 kg (40 lb)
Width	400 mm (16 in)
Length	5.5–11.6m (18–38 ft), includes motor enclosure
Height	66 cm (26 in)
TwinLines	two to four pairs
Motor operating temperature range	4.5°–40°C (40-104°F)

GENERAL INFORMATION

FEATURES

- 225 kg (500 lb) WLL, regardless of hoist length
- Unique Zero Fleet Self-Climber design that uses anywhere from two to four TwinLine pairs of 3.1 mm (1/8 in) lift lines with 15.25 m (50 ft) of travel
- Smaller size: Motor and control box is only 40 cm (16 in) wide, but can accommodate lineset spacing down to 30 cm (12 in) when mounted in opposing orientations
- Aluminum strut channel integrated into the bottom of FlyPipe allows for easy installation of lighting fixtures, Unistrut curtain carriers/track, and other hanging hardware
- Hoists can be operated via QuickTouch, QuickTouch+, QuickTouch Preset, or Foundation series controllers
- All FlyPipe hoist systems include overload/overcurrent protection and SmartSlack dual-axis slack line detection as standard safety features
- Four hard-struck rotary limit switches with LED indicator lights for efficient installation
- Encoder to ensure accurate and consistent movement
- Each section is tested with the pre-terminated wire rope that it ships with
- Each TwinLine comes pre-terminated on the drum and in the included TwinLine clamps which automatically manage the tension on each TwinLine, and accommodate up to 10 cm (4 in) of trim adjustment, while mounting to a wide range of web joists, H beams, and strut channels
- Accommodates point loads up to 115 kg (250 lb) between TwinLines

REGULATORY AND COMPLIANCE

- Built to ANSI/PLASA E1.6-1 standards for motorized hoists
- UL and cUL Listed



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Prodigy FlyPipe

Self-Climbing Hoist Series

STANDARD SAFETY FEATURES

SAFETY FEATURES

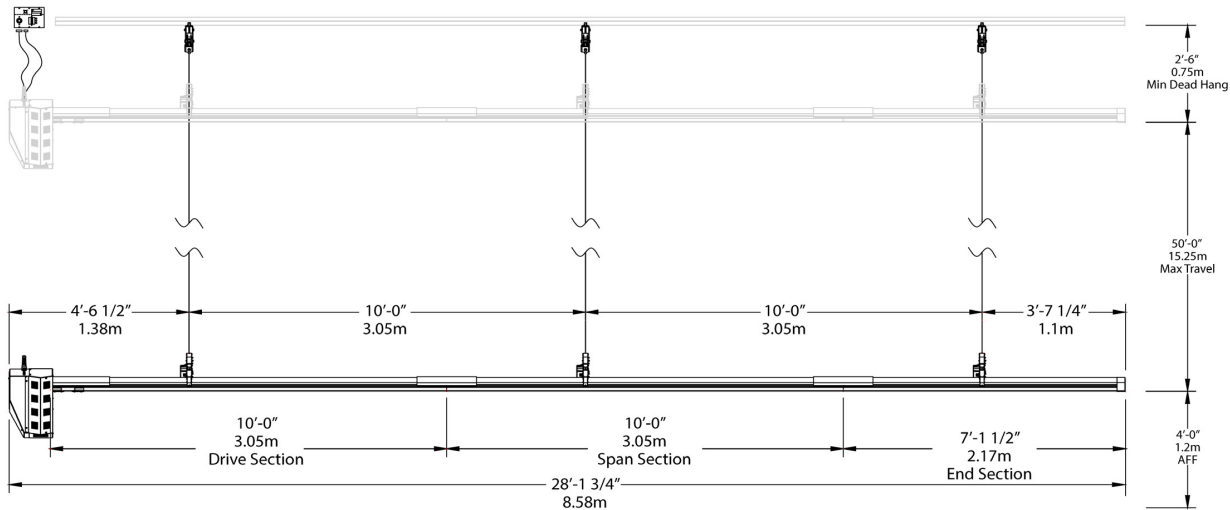
- Fail-safe motor brake and SafeStop secondary load arrest: two independent braking systems to assure safe overhead operation
- Four hard-struck limit switches: end of travels and secondary over-travels, with LED indicators for easy installation
- Overcurrent protection: prevents operation with loads in excess of rated capacity
- SmartSlack: multi-axis detection of hoist mis-alignment resulting from obstructions, fouling and improper balance will inhibit movement until the fault is cleared
- Automatic self-tests: safety functions and circuits are automatically checked at power up and at periodic intervals
- Hard-wired E-stop: each hoist has its own dedicated E-stop contactor
- Manual overrides: local up/down controls and limit overrides on the Drive Section

HOIST DATA (CONTINUED)

Working Load Limit (WLL)	225 kg (500 lb)
Speed	10 cm/s (20 fpm) @ 60 Hz
Input voltage	3-phase, 208V 60 Hz 3-phase, 480V 60 Hz
Motor inrush current	~20 amps (208 V) ~8.75 amps (480 V)
Motor operating current	~4 amps (208 V) ~1.75 amps (480 V)

LOADING INFORMATION (LIFT LINE PLACEMENT)

LOADING & CONFIGURATION GUIDELINES			
Loading	Max load per TwinLine	Max point load between pairs of TwinLines	Number of lift lines available
Distributed load over the length of the truss	190 kg (420 lb) at a 10:1 safety factor	115 kg (250 lb)	up to 4 TwinLine pairs



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DATA SHEET

PowerLift®

Hoist

PowerLift is an economical, zero-fleet, high-performance, automated hoist available in fixed or variable speeds. Its versatile mounting system enables PowerLift to be installed in virtually any space. It's ideal for many stage hoisting applications.

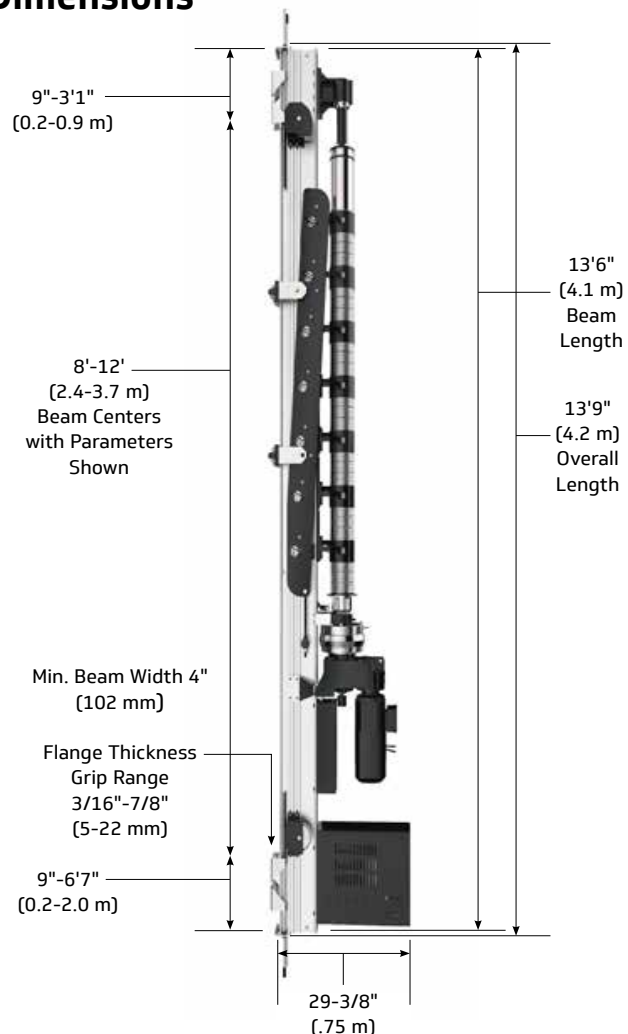
Capability

- Speed: Up to 180 fpm (0.9 m/s)
- Travel: Up to 62 ft. (19 m)
- Gross Capacity: Up to 2,000 lb (907 kg)

Features

- Integrated gearmotor and brake provides proven reliability and safety.
- Reliable head block with nylon sheaves provides long, trouble-free life and meets or exceeds wire rope manufacturer recommendations.
- Closed loop vector drives provide pinpoint accuracy and can hold the load without a brake for added safety.
- Hoists can be mounted vertically or horizontally. For theatres without grids, vertical mounting can save space and offers easier access for maintenance.
- Versatile mounting clips encompass a wide range of beam spacing and flange widths for easy installation.
- Compact moving drum allows overall hoist size to be smaller.
- Preloaded chase rollers ensure cables stay in grooves.
- Center to center spacing 11" (279 mm) side by side, 8" (200 mm) offset.
- Dual brake.
- Dual encoder.

Dimensions



PowerLift® Hoist



Safety

- **Designed and manufactured by J.R. Clancy**, a company with over 130 years of rigging expertise.
- **Dual braking system** with a primary brake on the motor and an independent SureBrake® II operating directly on the drum shaft. SureBrake II is spring applied and electrically released for maximum safety.
- **Emergency-stop system** meets NFPA 79 (Electrical Standard for Industrial Machinery) with ramped stops for high speed equipment to reduce mechanical shock loads.
- **Two levels of limit switches** with normal travel and over travel switches using separate, redundant circuits for added safety.
- **Loft block idlers** contain individual grooves to keep lines contained, prevent binding, friction, and eliminate rubbing of adjacent lines.
- **Touch safe** interior of all electrical enclosures guards to prevent contact with live components, per IEC 204-1 Protection.

Options

- Load Sensing
- 7 Lines 62' (19 m) of travel, 8 Lines 49' (15 m) of travel
- 208V or 480V three phase motor. Other voltages available
- Cover to keep moving parts shielded for safety
- Cable management for electric and other powered sets

Control Options

- PowerLift works with the entire range of J.R. Clancy SceneControl® automation consoles or push button controls.

Loft Block Options

- Universal Series upright or underhung
- 19 Series underhung

Batten Termination Options

- Trim Chain
- Pipe Clamp and Turnbuckle
- Batten Trim Plate
- Batten Trim Clamp

Batten Options

- 1.5" (48 mm) Schedule 40 batten
- 1.5" (48 mm) Schedule 80 batten
- 1.5" (48 mm) Schedule 40 truss batten

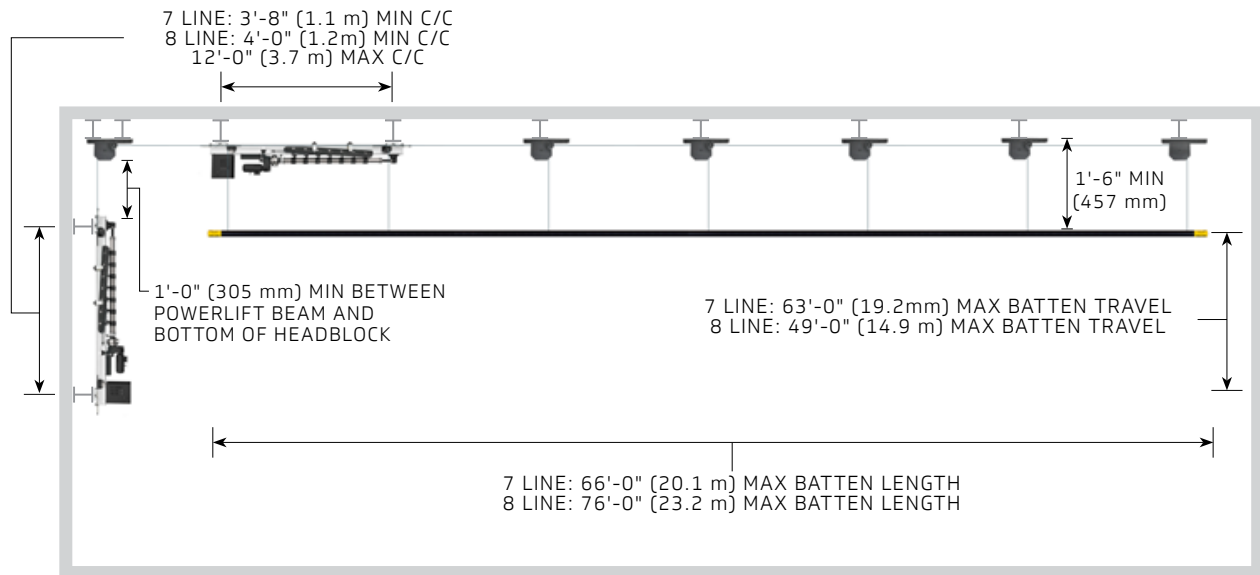
Mounting Configurations

11" (279 mm) Set Centers: All hoists on one side of stage



8" (203 mm) Set Centers: Alternate hoists on both sides of stage

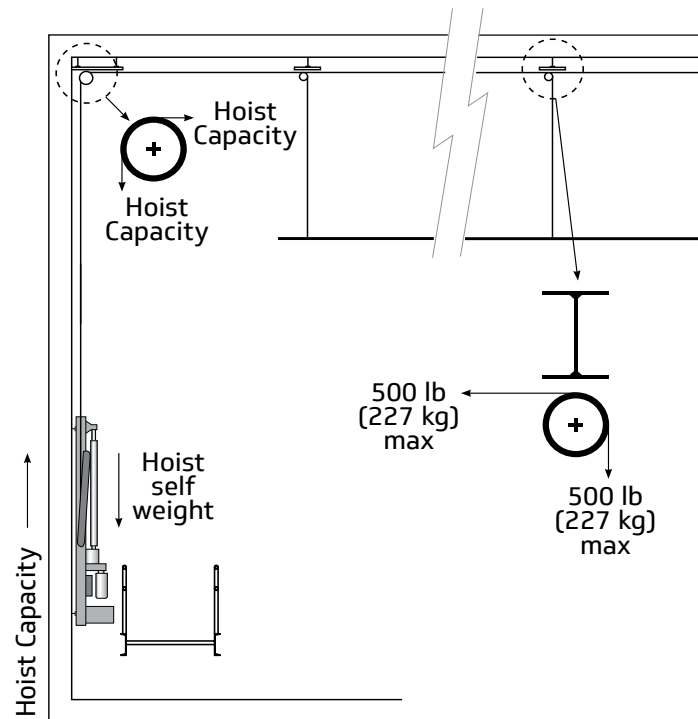


PowerLift® Hoist

Product CAD files and other documents available for download on our website.
www.jrclancy.com/powerlift

Loading Information

Loft Block: (Typical of 7) The combined load on the loft blocks associated with a single PowerLift hoist will not exceed the hoist capacity. Loads may be unevenly distributed on the batten with a maximum load of 500 lb (227 kg) on any individual loft block. Hoists are not recommended to be used for lifting people.

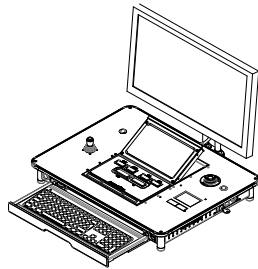


PowerLift® Hoist



PowerLift Riser — Typical

CONTROL CONSOLE OPTIONS



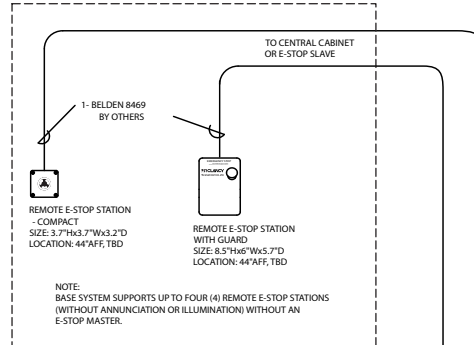
CONSOLE OPTIONS:
SCENECONTROL 24+ (DESK OR CART-MOUNT) 30' CABLE
SCENECONTROL 24 (DESK, PEDESTAL OR CART-MOUNT) 30' CABLE
SCENECONTROL 15 (DESK OR PEDESTAL-MOUNT), 30' CABLE
SCENECONTROL 12 (MOBILE), 30' CABLE

ABOVE CONNECTS TO ANY CONTROL POINT AND POWER OUTLET
SCENECONTROL 10 (WALL-MOUNT, 19" RACK-MOUNT OR PENDANT
WITH 30' CABLE - PENDANT CONNECTS TO ANY CONTROL POINT)
AT LEAST ONE CONSOLE REQUIRED PER SYSTEM.

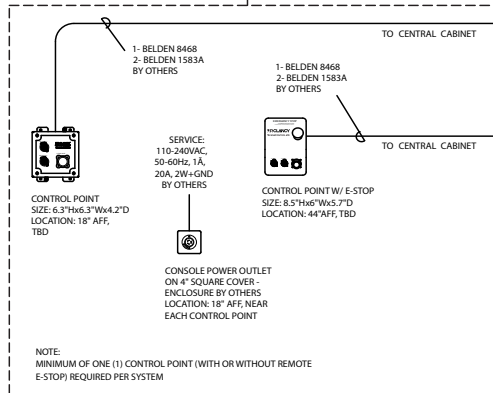
OTHER OPTIONS:
CONSOLE PEDESTAL
CONSOLE CART
25' CONTROL EXTENSION CABLE

Power and Wiring Information: PowerLift is available for virtually any 3-phase voltage worldwide. Control wiring is dependent on your control system.

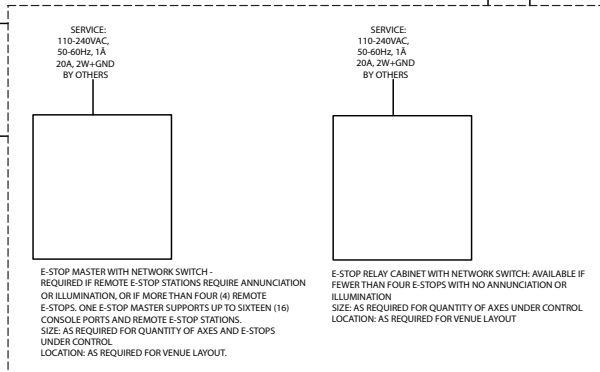
E-STOP STATIONS



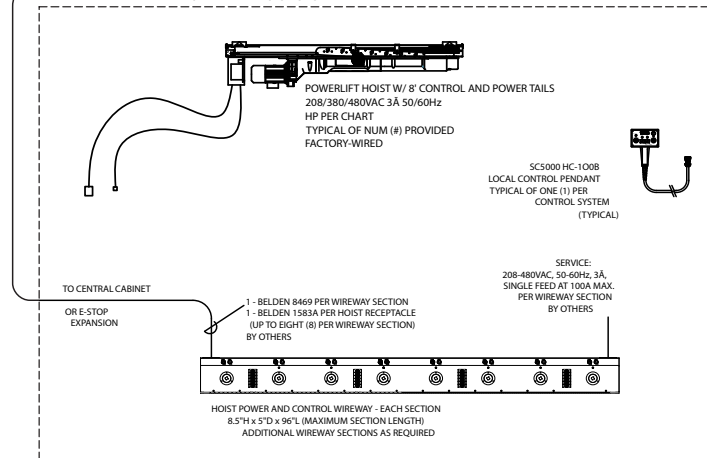
CONTROL POINT(S)



CENTRAL CABINET OPTIONS: ONE (1) REQUIRED



POWERLIFT HOIST SYSTEM



PowerLift Electrical Requirements

Model	HP	Current Draw		
		208 V	380 V	480 V
018-P0220G	1.5 (1.12 kW)	5 A	2.8 A	2.2 A
018-P0220R	1.5 (1.12 kW)	5 A	2.8 A	2.2 A
018-P1212R	5 (3.73 kW)	14.5 A	5.5 A	6.3 A
018-P1220R	7.5 (5.6 kW)	20 A	11 A	8.7 A
018-P1812R	7.5 (5.6 kW)	20 A	11 A	8.7 A
010-P1817R	10 (7.5 kW)	-	28 A	23 A

PowerLift® Hoist



Warranty and Support

Three-Year Warranty against defects in materials or workmanship is provided on all J.R. Clancy equipment. Our warranty is contingent on operation by trained personnel and an annual equipment inspection of a J.R. Clancy authorized technician.

24/7 factory technical support with additional service and assistance provided by a worldwide network of J.R. Clancy authorized dealers.

Inspection and maintenance are available through J.R. Clancy's T.I.M.® (Training, Inspection, Maintenance) Program.

Ordering Information

PowerLifts are available with up to 7 Lines 62' (19 m) of travel or 8 Lines 49' (15 m) of travel.

Part Number	Load Speed	Hoist Gross Cap.	Hoist Weight
018-P0220G	20 fpm (0.1 m/s)	2,000 lb (907 kg)	750 lb (340 kg)
018-P0220R	0–20 fpm (0–0.1 m/s)	2,000 lb (907 kg)	750 lb (340 kg)
018-P1212R	0–120 fpm (0–0.6 m/s)	1,200 lb (544 kg)	770 lb (349 kg)
018-P1220R	0–120 fpm (0–0.6 m/s)	2,000 lb (907 kg)	800 lb (362 kg)
018-P1812R	0–180 fpm (0–0.9 m/s)	1,200 lb (544 kg)	800 lb (362 kg)
018-P1817R	0–180 fpm (0–0.9 m/s)	1,750 lb (793 kg)	850 lb (385 kg)

Additional Information

For more information on PowerLift, visit www.jrclancy.com to access:

- Detailed structural loading
- Specifications
- Electrical risers diagrams



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GEARBOSS

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ETC®**Unison Echo® Relay Panel Mains Feed****120V****Echo Power Control Series****ORDERING INFORMATION****Standard Relay Units**

MODEL	DESCRIPTION
ERP-24R1-24B1	Echo Relay Panel with 24 single-pole relays, 24 single-pole breakers, 120/208V three-phase four-wire plus ground main lug input
ERP-12R2-12B2	Echo Relay Panel with 12 two-pole relays, 12 two-pole breakers, 120/208V three-phase four-wire plus ground main lug input
ERP-24R1-24B1-2	Echo Relay Panel with 24 single-pole relays, 24 single-pole breakers, 120/240V bi-phase three-wire plus ground main lug input

Note: For non-standard model numbering see page 5

Door Options

ERP-FMD	Flush-mount door for 120V Echo Relay Panel
ERP-SMD	Surface-mount door for 120V Echo Relay Panel

Main Breaker Options

7123K1001	Main Breaker; 120V Single-phase; 100A; 22kA SCCR
7123K1002	Main Breaker; 120V Single-phase; 200A; 22kA SCCR
7123K1003	Main Breaker; 120V Three-phase; 100A; 10kA SCCR
7123K1004	Main Breaker; 120V Three-phase; 200A; 10kA SCCR
7123K1005	Main Breaker; 120V Three-phase; 200A; 22kA SCCR
7123K1006	Main Breaker; 120V Three-phase; 200A; 42kA SCCR

Accessories

ERP-DIM	300W Phase Adaptive Dimmer Module
ERP-LVD	0-10V Dimming Control Option
ERP-DALI	DALI-Control Option
ERP-CI	Contact-Input Option
ERP-RTO	Ride-Thru Option
ERP-VB	Voltage-Barrier Kit

Echo Power Requirements

EchoConnect:	1 Unit of Output Power
Auxiliary Power:	Not Required

Built-in EchoConnect Power Supply

EchoConnect:	Provides 6U of control power and an additional 5U of Output Power*
Auxiliary Power:	Not Provided

*Note: Built in power supply can be disabled when used with external 16U EchoConnect Power Supply or when multiple relay panels are used in a single system

Echo Presets

Supports 64 Echo Presets

GENERAL INFORMATION

The Unison Echo Relay Panel is a control-oriented power center built with today and tomorrow's lighting loads in mind. It supports up to 24-relays or dimmers with integral branch breakers, power-usage reporting and sophisticated control inputs. With built-in station, sensor, DMX and TimeClock controls and Ethernet connectivity, plus optional 0-10V dimming, DALI output and contact inputs, the Echo Relay Panel integration opportunities are limitless.

APPLICATIONS

- Theaters
- Schools
- Houses of worship
- Conference centers
- Retail shops and restaurants

FEATURES

- Main Feed Relay panel with feed options for:
 - Three-Phase 120/208V four-wire plus ground
 - Bi-Phase 120/240V three-wire plus ground
- 24-position relay panel with support for one-, two-, or three-pole relays and support for 300W phase adaptive dimmers
- 30-position breaker subpanel with support for 1-, 2-, or 3-pole breakers, including 1- and 2-pole 120V GFCI
- 14 in. width and 4 in. depth allows the cabinet to be flush- or surface-mounted in standard stud-width construction
- Echo, sACN, DMX-512, TimeClock, or stand-alone control
- Built-in EchoConnect® power supply for up to 6 Echo stations/sensors and 5 output products
- Built-in network interface provides:
 - Advanced control of relays over streaming ACN (sACN)
 - Measured energy usage reporting per branch circuit
 - Web UI for configuration
- Local control with Astronomical timeclock and manual override per circuit
- UL924 LISTED emergency control bypass contact input
- UL and cUL LISTED



ETC**Unison Echo Relay Panel Mains Feed****Echo Power Control Series****SPECIFICATIONS****APPROVALS AND CERTIFICATIONS**

- UL508 LISTED
- UL67 LISTED
- UL924 LISTED
- Complies with ANSI E1.11 DMX512-A standard
- Complies with ANSI E1.31 streaming ACN standard

USER INTERFACE

- Graphical display with LED backlight
- Button interface with:
 - 0-9 number buttons
 - Up, down, back and enter navigation buttons
 - "Light bulb" test button for local activation of preset, sequence and set level overrides
- USB interface for upload of setup and software updates
- Onboard Web UI for simple configuration and management

MECHANICAL

- Enclosure constructed of 16-gauge steel finished in black, fine-textured, scratch-resistant powder coat paint
- Door options available for surface- or recess-mount applications.
 - Flush-mount door extends 1in. beyond all panel edges to hide wall cutout
- Removable outer panel includes integral locking door to limit access to electronics, breakers and local relay overrides
- Full front access with no side clearance required
- Removable covers for access to Class 1 and Class 2 wiring

ELECTRICAL

- Main feed power input available to support:
 - 120/240V bi-phase three-wire plus ground
 - 120/208V three-phase four-wire plus ground
- Separate wiring chambers for Class 1 and Class 2 terminations
- Max input current: 200A
- Main circuit breaker options: 100A and 200A
- Short-circuit rating: 10,000-42,000 amps symmetrical
- 10A, 15A and 20A branch circuit breakers standard; 80% rated
 - 1- and 2-pole 120V GFCI breakers available upon request
- Inrush-pulse tolerance: 8-10.5 times rated current for half-cycle at 60Hz

CONTROL ELECTRONICS

- Relay modes: Normal (priority/HTP), latch-lock or last-action
- Configurable DMX on/off threshold
- Status feedback for breaker state, relay state, current draw per circuit, phase voltage and energy usage per circuit
- Built-in Echo control supports:
 - Up to eight spaces with 16 presets per space
 - 16 zones per space
 - One 16-step sequence per space
 - UL924 LISTED emergency control bypass
 - Time-of-day and astronomical timesclock with flick-warn and holiday overrides
- Configurable data-loss behavior supports:
 - Play preset
 - Hold last look
 - Wait and fade

ENVIRONMENTAL

- Thermal: 0-40°C; 32-104°F operating temperature
 - 16A circuit (20A breaker) - 52.38 BTU/hr
 - 300W circuit (with dimmer module) - 11.78 BTU/hr
- Humidity 5-95% non-condensing

SPECIFICATIONS**RELAY RATINGS**

- 20A Ballast (HID)
- 16A Electronic Ballast
- 20A Tungsten
- 20A Motor Load
- Isolation: 4000V RMS
- State: Latching
- Relays are mechanically held
- Life:
 - 100,000 cycles at full resistive load
 - 30,000 cycles motor, inductive or tungsten
- Current-reporting accuracy: +/- 5% of connected load

DIMMER RATINGS

- Phase-adaptive, default reverse phase
- 300W resistive, electronic, or magnetic load capacity
 - Magnetic transformers must be properly loaded to their rated current
 - Use care when retrofitting magnetic transformers with LED loads to ensure proper loading
- 7,200W maximum panel load with (24) 300W dimmer modules installed

SHORT-CIRCUIT CURRENT RATING AND LUG SIZING

OPERATING VOLTAGE	MCB OPTION	SCCR RATING	INPUT LUG WIRE SIZE
120/240V	100A,200A	22kA	1AWG-300kcmil
120/208V	100A	10kA	4AWG-3/0
	200A	10kA	4AWG-3/0
	200A	22kA, 42kA	3/0-300kcmil
All	Main Lug only	10kA	4AWG-300kcmil
Relay	NA	NA	6-14AWG
GND/Neutral	NA	NA	6-14AWG

Note: Main feed lugs accept copper or aluminum wire; load terminals accept copper wire only

ACCESSORIES**0-10 Dimming Option**

- 24 outputs of 0-10V sink dimming control rated for 400mA per output

Contact Input Option

- 24 dry contact inputs for direct control of relays

DALI Control Option

- 24 control loops of broadcast DALI control
- Each loop supports up to 64 ballasts
- External DALI power supply required

Ride Thru Option

- Short-term power backup of control electronics
- Automatically engages when power is lost
- Recharges during normal power operation

Tamper-proof Hardware Kit

- Special screw heads prevent access to panel interior

ETC**Unison Echo Relay Panel****Echo Power Control Series****ECHO FAMILY OF PRODUCTS****EchoConnect Power Supplies**

MODEL	DESCRIPTION
E-SPS	6U Room Station Power Supply, Knockout Mount
E-SPS-DIN	16U DIN rail Station Power Supply with 24V Aux
E-SPM	16U DRd Station Power Module
E-SPM-A	16U DRd Station Power Module with 24V Aux
E-SPM-RM	16U Rack-Mount Station Power Module Aux
E-SPM-RM-A	16U Rack-Mount Station Power Module 24V Aux
E-SPM-WM	16U Wall-Mount Station Power Module
E-SPM-WM-A	16U Wall-Mount Station Power Module 24V Aux
E-APS	24V Aux Power Supply, Knockout Mount

EchoTouch

MODEL	DESCRIPTION
ETS	EchoTouch Controller

Echo Stations

MODEL	DESCRIPTION
E1001	Inspire One Button Station
E1002	Inspire Two Button Station
E1004	Inspire Four Button Station
E1006	Inspire Six Button Station
E1008	Inspire Eight Button Station
E1104	Inspire Four Button with Fader Station
EPS05	Echo Preset Station - 5 Button
EPS10	Echo Preset Station - 10 Button
EPSLO	Echo Lockout Station
E-ATC	Echo TimeClock

Echo Responsive Controls

MODEL	DESCRIPTION
ELS	Light Sensor
EOCC	Ceiling-Mount PIR Occupancy Sensor
EVAC	Ceiling-Mount PIR Vacancy Sensor
E-DOC-C	Ceiling-Mount Dual Tech Occupancy Sensor
E-DVAC-C	Ceiling-Mount Dual Tech Vacancy Sensor
E-DOC-W	Wall-Mount Dual Tech Occupancy Sensor
E-DVAC-W	Wall-Mount Dual Tech Vacancy Sensor
E-DOC-SM1	Switch-Mount Dual Tech Sensor - One Button
E-DOC-SM2	Switch-Mount Dual Tech Sensor - Two Button

Echo Interfaces

MODEL	DESCRIPTION
EACC	EchoAccess Interface
EEB	Echo Expansion Bridge
EDMXC	Echo DMX Scene Controller
EEl	Echo-Echoflex Interface
ECII	Echo Contact Input Interface
ECOI	Echo Contact Output Interface
EDRI	Echo Demand Response Interface
EBI	Echo BACnet Interface

Zone Controllers

MODEL	DESCRIPTION
ERC-G2	One Zone Relay Controller
EDRC-G2	Two Zone Relay Controller
ELD-G2	One Zone 0-10V Controller
EDLD-G2	Two Zone 0-10V Controller
ESSC-G2	One Zone SmartSpace Controller
EDSSC-G2	Two Zone SmartSpace Controller
ELVD-G2	600-Watt Phase Adaptive Dimmer
ELVD-277-G2	600-Watt Phase Adaptive Dimmer- 277V

Room Controllers

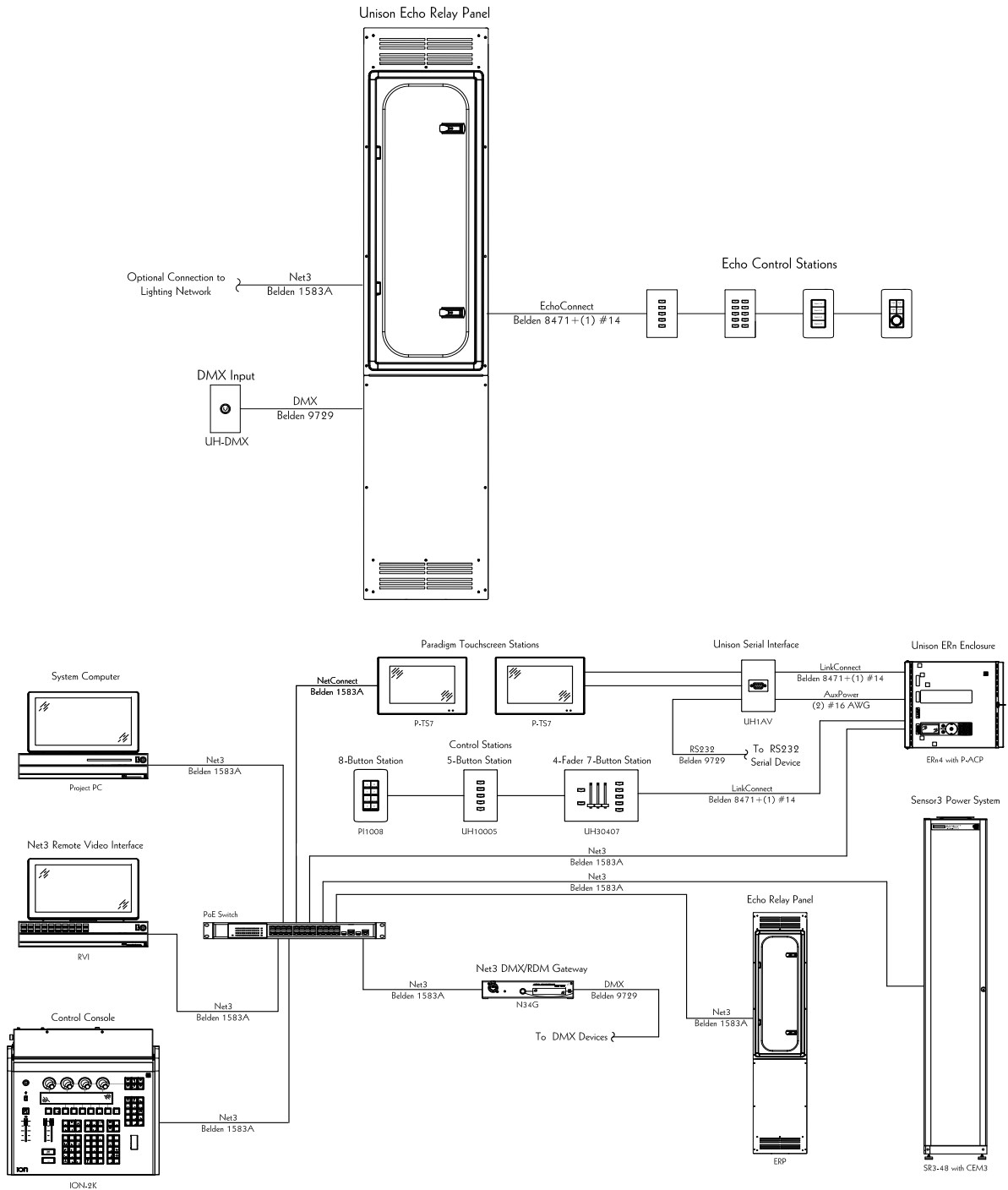
MODEL	DESCRIPTION
ERM4-G2	Four Zone Room Controller
ERMCT4-G2	Four Zone Room Controller with TimeClock
ERM8-G2	Eight Zone Room Controller
ERMCT8-G2	Eight Zone Room Controller with TimeClock

Panel Products

MODEL	DESCRIPTION
ERP	Echo Relay Panel Mains Feed
ERP-FT	Echo Relay Panel Feed Through
SensorIQ	Sensor IQ Intelligent Breaker System
SR3	Sensor3 Power Control System
DRd	Unison DRd with Echo Control

ETC**Unison Echo Relay Panel Mains Feed****Echo Power Control Series**

SAMPLE RISER DIAGRAM



ETC**Unison Echo Relay Panel Mains Feed****Echo Power Control Series**

ORDERING INFORMATION

Non-Standard Model Numbering

MODEL	300W DIMMERS	1-POLE RELAY	2-POLE RELAYS	3-POLE RELAYS	1-POLE BREAKER	2-POLE BREAKERS	3-POLE BREAKERS	PHASE STYLE
ERP	#D/	#R1/	#R2/	#R3	-#B1/	#B2/	#B3	-2 (or blank)
Default	0	0	0	0	1	0	0	(Blank) THREE-PHASE 120/208V 4-wire plus ground
Min Number	0	0	0	0	1	0	0	(2) SINGLE (B) PHASE 120/240 3-wire plus ground
Max Number	24	24	12	8	29	14	9	

EXAMPLES:**ERP-12R1/6R2/0R3-12B1/6B2/0B3-2**

120/240V Single-phase panel with twelve 20A single-pole relays, six 20A double-pole relays, twelve 20A single-pole breakers and six 20A double-pole breakers

ERP-0R1/10R2/0R3-0B1/10B2/0B3

Three-phase 120/208V panel with ten 20A double-pole relays and ten 20A double-pole breakers

PHYSICAL

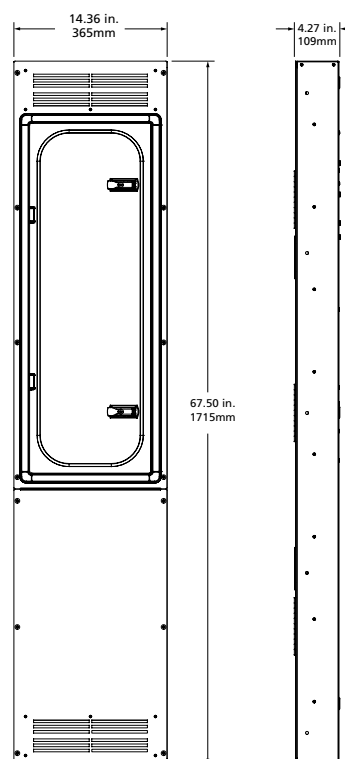
Echo Relay Panel Dimensions

MODEL	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
ERP	68	1727	14	355	4	102

*Note: Depth is 4.075 in. with door attached

Echo Relay Panel Weights

MODEL	WEIGHT		SHIPPING WEIGHT	
	lb	kg	lb	kg
ERP - no relays or breakers	55	24.9	60	27.2
ERP - w/ relays & breakers	80	36.3	85	38.6



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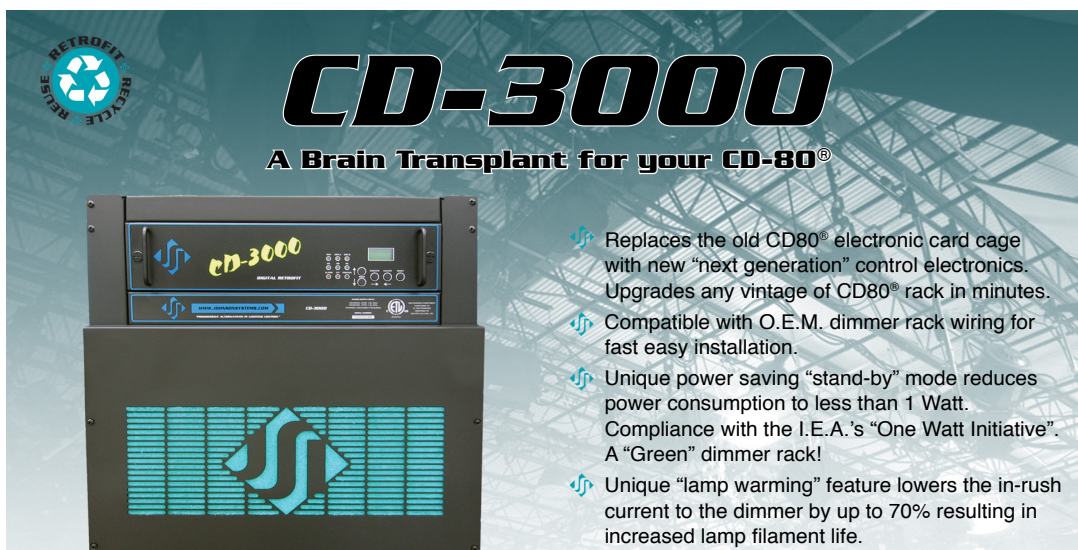
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The CD-3000 is a next generation retrofit electronics package designed specifically for any vintage of Strand CD80® dimmer rack. The CD-3000 will replace the aging control electronics of the existing CD80® dimmer rack making system replacement completely unnecessary. This full-featured, ETL listed state-of-the-art unit provides a low cost digital interface to any of today's modern lighting communication protocols.

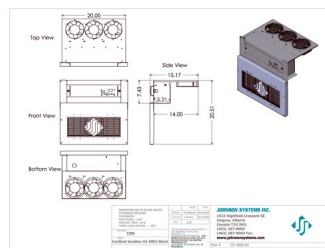


Designed to install in minutes with only a single screw driver, this elegant package has been designed for longevity and reliability with the end-user in mind. Intuitive LCD user interface combined with a single modular design makes the CD-3000 extremely user-friendly and easily serviceable. Advanced next generation hardware and software designs reduce stand-by power consumption to less than 1 Watt, allowing for compliance with the International Energy Agency's "One Watt Initiative" for standby power consumption. CD-3000 will provide a "Green" dimmer rack!



Full featured, hi-resolution dimming with lightning fast response. Exclusive "lamp warming" techniques extends lamp life considerably. An environmentally and financially responsible solution that offers unsurpassed high performance in a matter of minutes!

- Replaces the old CD80® electronic card cage with new "next generation" control electronics. Upgrades any vintage of CD80® rack in minutes.
- Compatible with O.E.M. dimmer rack wiring for fast easy installation.
- Unique power saving "stand-by" mode reduces power consumption to less than 1 Watt. Compliance with the I.E.A.'s "One Watt Initiative". A "Green" dimmer rack!
- Unique "lamp warming" feature lowers the in-rush current to the dimmer by up to 70% resulting in increased lamp filament life.
- 96 Hi-resolution digital outputs with individual dimmer profile selection.
- Dual opto-isolated DMX512 inputs with built in protocol manager.
- Analog and dedicated dry contact BMS inputs for interface with HVAC, security and fire alarms.
- "Load Shed" inputs for power management and photocell interface.
- LCD user interface for ease of set up and monitoring. Site programmable via a user-friendly, intuitive and self-prompting menu structure. No laptop computer or special software is required!
- Dimmer rack thermal shutdown protection.
- Modular design with a single "plug-in" module.
- Optional Ethernet node supports a wide range of communication protocols including Net2, Strand, ArtNet, ACN (Net3) and Pathport.
- Removable memory dongle permits remote/off site backup of configuration data and ease of future firmware upgrades.
- Up to 10 year product warranty available!



JOHNSON SYSTEMS INC.
"PROFESSIONAL LIGHT CONTROL PRODUCTS"

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CD-3000 SPECIFICATIONS

1.0 CD-3000 - GENERAL

CD-3000 is a direct retrofit kit specifically designed for facilities with existing Strand CD80® dimmer rack(s) requiring new, reliable and cost-effective control electronics. CD-3000 is designed to upgrade existing dimmer installations to current dimming technology with options equaling or exceeding those of most new dimming systems. CD-3000 has been designed with pin to pin compatibility with OEM factory wiring for ease of installation. Facilities can upgrade to this state-of-the-art technology in minutes with only a screwdriver. The CD-3000 is ETL listed and complies fully with UL 508 and CSA 22.2 safety approvals. Engineered with both the installer and end-user in mind, the CD-3000 incorporates the following features:

- 1.1 CD-3000 will offer compliance with the International Energy Agency's "One Watt Initiative" on stand-by power requirements (please refer to U.S. Executive Order #13221). Standby power on CD-3000 controlled dimmer racks shall not exceed 1 Watt.
- 1.2 CD-3000 shall employ a unique "lamp warming" feature that extends lamp life by limiting the in-rush current to cold lamp filaments by up to 70%.
- 1.3 An LCD user interface for ease of set up and monitoring. All programming shall be via a user-friendly, intuitive and self-prompting menu structure. No PC or special software will be required.
- 1.4 Modular design of the unit shall make any potential service requirements fast and easy with no requirement for an on-site service call. The CD-3000 shall have only one plug-in control module. This single control module shall contain all ancillary control electronics for the dimmer rack.
- 1.5 Dimmer control outputs shall be designed for precise and reliable control of the existing CD80® dimmer modules. It shall never be necessary to adjust ramp circuits for proper dimmer output.
- 1.6 The CD-3000 shall accept dual independent DMX 512-A digital data protocol inputs allowing industry wide compatibility with modern control consoles. Both DMX inputs shall be independently opto-isolated from all other control circuitry, as well as from the DMX output ports. An internal protocol manager shall allow priority management or merging of both DMX inputs.
- 1.7 An optional Ethernet node shall support a wide range of communication protocols including Net2, Strand, ArtNet, ACN (Net3) and Pathport. Automatic recognition will permit interface to most popular lighting control protocols. It shall not be necessary to assign protocol.
- 1.8 An infrared LED link shall be provided on the control module face panel. This interface will permit hard copy printouts of all programmed data via an optional hand held infrared printer.
- 1.9 A separate long-life air filter and grill assembly shall provide a means for easy and routine maintenance.
- 1.10 A set of three (3) high output, low noise fans shall provide maximum cooling of the dimmer rack by concentration of airflow directly upwards on the vertical columns of dimmer module heat sinks.
- 1.11 Rack thermal protection shall be employed via a mechanical relay interface to the existing two CD80® rack OEM thermal sensors. An active stage one over-temp input shall illuminate a red warning LED, while a stage two over-temp input shall cause an immediate disconnect of all dimmer control outputs.

2.0 ELECTRONIC CONTROL MODULE

Control electronics shall be contained in one plug-in tray and shall provide the following features:

- 2.1 The CD-3000 control electronics shall be capable of controlling up to 96 dimmers in the CD80® dimmer cabinet. Advanced state-of-the-art voltage regulation hardware and software will ensure >1% all dimmer outputs. The CD-3000 will operate with a voltage input range of 85-264VAC at 50 or 60Hz.
- 2.2 The CD-3000 control module shall be capable of memorizing and storing up to 20 presets in the form of a DMX "snapshot" or individually programmed via the keypad. Scene playback shall be seamless on loss of DMX as well as allowing high resolution fades between all 20 scenes. Each scene shall have a selectable fade time from 0-99 seconds.
- 2.3 The DMX512 input ports shall accept two independent sources of DMX512 data protocol simultaneously from the system control console(s) or architectural control unit(s). The DMX inputs shall comply with USITT DMX512-A (ANSI E1.11 - 2008), standard protocol for digital data control.
- 2.4 It shall be possible to assign (patch) any dimmer control signal to any module position in the cabinet, thereby allowing dimmer modules of any rating to be used in the same cabinet.
- 2.5 The CD-3000 control electronics shall be possible to "back up" all system configuration data. All data shall be protected from power failure by EEPROM for a minimum of 100 years.
- 2.6 The CD-3000 shall contain a removable memory dongle to facilitate remote or off site back up of all system configuration and ease of future firmware upgrades. Control module swaps will be easy and fast with no loss of rack programming or system parameters.
- 2.7 The ECU module shall accept up to 4 (four) analog inputs with the ability to be assigned to any of the 96 dimmer outputs in the system. Each analog input shall be selectable as either "Normal" mode (0-10VDC input) for dimmed applications or "Load Shed" mode (5VDC trigger) for power management interface to building management systems (BMS). The analog inputs shall function in a pile-on or HTP mode with the DMX control signal.
- 2.8 Dedicated dry contact inputs shall be provided for BMS, HVAC, security and fire alarm. Active security input shall "flash" any programmed dimmer outputs to a selectable level at a rate of 1Hz. Active fire alarm input shall bring any programmed dimmers to a selectable level and override all incoming control data.
- 2.9 Each individual dimmer in the dimmer cabinet shall be capable of being assigned one of four dimmer curves: incandescent square law curve, direct curve, linear curve, or non-dim (adjustable threshold with 5% hysteresis).

- 2.10 The face of the control module shall include an LCD display and momentary push buttons for function select, parameter setting and feature monitoring. All programming shall be via a user-friendly, intuitive and self-prompting menu structure. It shall not be necessary to use a PC or any external programming device to configure or set-up any function of the CD-3000.
- 2.11 The CD-3000 control module shall employ the "system-on-a-chip" advanced digital electronic technology. Such electronic circuitry shall permit real time signal monitoring and status LED indication to allow easy setup and remote troubleshooting. The CD-3000 shall permit configuration/monitoring of the following within the CD80® dimmer rack:

1. SCENESET Enable and setup 20 different backup scenes.
2. FADETIME Set the fade time for each of the 20 scenes from 0 to 99 seconds.
3. SNAPSHOT Record DMX levels into the backup scenes.
4. DIM TEST Test the dimmer outputs one at a time, or all at once.
5. MONITOR View the control level to each dimmer output.
6. ADDRESS Set the DMX start address.
7. DMX MODE Configure the mode of the on-board DMX protocol manager.
8. 2 RM SET Set the two room assignment for each of the dimmer outputs.
9. DMXA TRM Enable or disable termination on the DMX A input.
10. DMXB TRM Enable or disable termination on the DMX B input.
11. DMX O/P Configure the on-board DMX protocol manager for offset or patch mode.
12. DMXA PAT Patch the 96 dimmer (PWM) outputs to any DMX A input channel.
13. DMXB PAT Patch the 96 dimmer (PWM) outputs to any DMX B input channel.
14. SH TIME Set the DMX status hold time from 0 to 99 minutes or infinite.
15. DC PATCH Configure the dimmer to channel patch for the dimmer rack.
16. DIM CURV Configure the dimmer curve for each output.
17. ND-LEVEL Set the non-dim trigger level threshold for each output.
18. VOLT LIM Set the maximum RMS output voltage for each dimmer.
19. REGULATE Enable or disable the dimmer output voltage regulation.
20. ANA MODE Configure the analog inputs for normal or load shed mode.
21. ANA PAT Patch the analog inputs to any combination of control channels.
22. ANA TEST View the control level for each of the analog inputs.
23. ANA FLTR Apply a noise filter on the analog inputs of up to 1 Volt.
24. ANA BLOC Enable or disable the analog inputs when DMX is being received.
25. STANDBY Enable or disable the power savings standby mode.
26. TEST INC Set the test increment units to percent or hexadecimal.
27. OC MODE Configure the input trigger parameters for the open collector output.
28. AUX IN Select which scene the auxiliary input will trigger/enable.
29. SCENEMOD Enable or disable scene mode and the auxiliary input.
30. S-ALARM Select the level and control channels triggered by the security alarm input.
31. F-ALARM Select the level and control channels triggered by the fire alarm input.
32. Q-PATCH Set the zero-cross phase reference for each dimmer control output circuit.
33. WARMING Turn the "lamp warming" feature on or off.
34. POLARITY Set the PWM output control polarity. Locked for factory use only!
35. LINE V View the RMS line voltage for each power phase.
36. LINE F View the line frequency of phase A.
37. REM TEMP View the temperature of the remote temperature sensor.
38. CTL TEMP View the temperature of the microcontroller.
39. RTIME View the total run time of the microcontroller.
40. HARD-KEY View the microcontroller's unique six-character hard-key code.
41. SERIAL# View the microcontroller's unique six-character silicone serial number.
42. VERSION View the microcontroller's firmware version.
43. EEPROM View the type of EEPROM memory module plugged in.
44. FW-LOAD Load new firmware into the MADD-96 via the EEPROM memory module.
45. RESTORE Restore parameters saved in the EEPROM memory module.
46. BACKUP Backup parameters and save them in the EEPROM memory module.
47. PRINTOUT Print various system configuration settings using a hand held infrared printer.
48. DEFAULTS Set various system configuration settings to the factory default.
49. LCD VIEW Adjust the contrast of the LCD Display for optimum viewing.

- 2.12 The CD-3000 control module shall include a green LED indicator for power supply and microprocessor status. The LED, when illuminated, shall indicate normal operation, and when flashing shall indicate a hardware fault. A power supply or power failure, shall cause the LED to extinguish.
- 2.13 The CD-3000 control module shall include three green LED's for phase detect and two yellow LED's for data receive indication. Loss of accurate phase detect signal and/or invalid DMX512 data shall cause the corresponding LED to extinguish.
- 2.14 The CD-3000 control module shall include two red LED's for active alarm status or dimmer rack over temperature. Active inputs shall cause these cause the corresponding LED to illuminate.
- 2.15 A reset push-button shall be included on the face of the module. Resetting the unit, whether by the reset button or power-up shall not affect any stored parameters or presets, and dimmer outputs shall automatically return to their former status without any noticeable change.
- 2.16 It shall be possible to "Lock" and "Unlock" the programming keypad of the CD-3000 ECU module in order to protect all programmed system data.
- 2.17 The CD-3000 shall incorporate fan control circuitry designed to allow for an additional five (5) minutes of air evacuation from the dimmer cabinet with loss of input control signal.
- 2.18 All printed circuit boards (PCB's) shall be FR4/G10 with a UL 94V-0 Flame Class Rating.
- 2.19 The entire assembly shall be ETL listed and comply fully with UL 508 and CSA 22.2 safety approval standards.

*Specifications subject to change without notice.
CD80® is a registered trademark of Strand Lighting.*

Model	Application
CD-3000-AE	Strand CD80® AMX or Advanced Electronic (AE) permanent installation racks.
CD-3000-AE-48RR	Strand CD80® AMX or Advanced Electronic (AE) 48 channel rolling racks
CD-3000-AE-96RR	Strand CD80® AMX or Advanced Electronic (AE) 96 channel rolling racks
CD-3000-SV	Strand CD80® Supervisor (SV) permanent installation racks
CD-3000-SV-48RR	Strand CD80® Supervisor (SV) 48 channel rolling racks
CD-3000-SV-96RR	Strand CD80® Supervisor (SV) 96 channel rolling racks
CD-3000-C21	Strand C21 permanent installation racks



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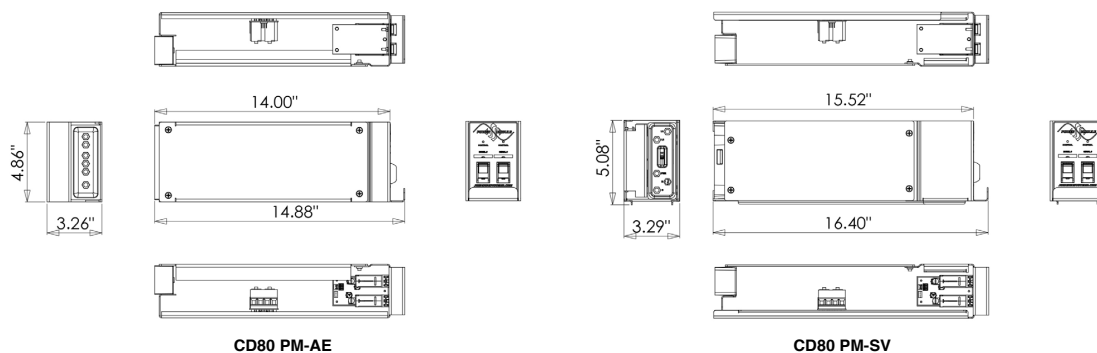


CD80 Power Modules



CD80 Power Modules allow existing CD80 dimmer rack owners to convert existing dimmer circuits to switched power circuits on the fly. These "plug & play" modules are a fast direct conversion for users requiring DMX non-dim control of devices/loads requiring pure sinusoidal AC power. Interchangeable constant and filler modules allow for increased flexibility and versatility.

- ✦ DMX non-dim control of devices/loads requiring pure sinusoidal AC power.
- ✦ Designed for use with Johnson Systems CD-3000 and CD-2000 Control Systems.
- ✦ Available in both SV (Supervisor) and pre-SV models for every CD80 application.
- ✦ All models feature dual 20 Amp magnetic circuit breakers with a UL 489 rating.
- ✦ 277VAC rated 50 Amp tungsten "air-gap" relays.
- ✦ Blue control LED indication of relay status activation/closure.
- ✦ Dual 20 Amp constant power modules also available.
- ✦ Up to 10 year warranty available!
- ✦ ETL compliant.



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CD80 POWER MODULE CHARACTERISTICS

Environment

Temperature Range: 23°F (-5°C) to 104°F (40°C) ambient.
Humidity Range: 0% to 90% non-condensing.

Load Type

Dual 120V single phase 50/60 Hz circuits for AC Loads Only.
Rated for 20A General Purpose and 20A Tungsten.

Switch Type

"Air-gap" power relay rated 1 million operations minimum
at 50 Amps 240VAC.

Isolation

4,000 Volts minimum per circuit.

Physical

AE Models 14.00" x 4.86" x 3.26" (36 cm x 12 cm x 8 cm) handle excluded
SV Models 15.52" x 5.08" x 3.29" (39 cm x 13 cm x 8 cm) handle excluded.

Weight

Power Modules = 3.76 lbs. - 3.94 lbs. (1.71 Kg - 1.79Kg).

Constant Modules = 3.50 lbs. (1.59 Kg).

Filler Modules = 3 lbs. (1.35 Kg).

Material

18-gauge steel CRS.

Finish

Hammer texture black powder coat.

SPECIFICATIONS

1.0 POWER MODULES – GENERAL

- 1.1 Power Modules are designed for operation with Johnson Systems CD-3000 or CD-2000 control systems. No warranty or product return is available if these products are used, even temporarily, with any OEM controls as they are incompatible. The inferior drive signals in certain controls may damage this equipment. CD80 Power Modules controlled by Johnson Systems CD-3000 or CD-2000 control systems are warranted for two (2) years from ship date and shall be eligible for optional extended warranty up to ten (10) years.
- 1.2 Power Modules shall be capable of switching two independent general purpose lighting loads including LED and tungsten up to 20 Amps. Each relay shall be protected by a premium 20 Amp magnetic circuit breaker with a UL 489 rating. Full rated operation shall be permitted without compromising product life expectancy.
- 1.3 Power Modules shall use only premium quality PCB mounted "air-gap" relays rated for operation at 277VAC with 50 Amp tungsten loads. Relay or contactors of lesser rating shall not be considered acceptable. Relay PCB shall have a minimum track thickness of three (3) ounce copper and capable of continuous operation at 200% breaker rating. Relay PCB terminal blocks shall be capable of accepting up to 6 AWG stranded copper wire and be rated at a minimum 52 Amps.
- 1.4 Power Modules shall be capable of switching on/off with DMX512 control data when used with Johnson Systems CD-2000 or CD-3000 control systems. Turn-on threshold shall be fixed at 50% PWM duty cycle control with a 10% hysteresis to minimize the potential for false trigger.
- 1.5 Power Module relays shall be manually switchable permitting power "pass through" and operation as constant power modules where desired.
- 1.6 Power Module face panels shall contain two blue LED indicators (one per circuit). These independent LED's shall illuminate when their corresponding relay contact is "closed" permitting "live circuit" indication.

- 1.7 Power and Constant Modules feature flush faced, premium dual 20 Amp magnetic breakers with a UL 489 rating. Breakers shall display a highly visible blue trip indication when open and flush finish when closed. Breakers shall be of the "anti-trip" design to protect against unauthorized disconnect. Breakers containing "finger-tip" trip handles shall not be considered acceptable.
- 1.8 All models feature and integral face panel handle permitting ease of module removal/insertion.

2.0 CONTROL PCB

- 2.1 The Control PCB shall accept pulse width modulation (PWM) control from the output of a Johnson Systems CD-2000 or CD-3000 control system and provide relay activation/closure at a 50% PWM duty cycle with a 10% hysteresis. Each circuit shall contain a blue LED indicator for active control trigger. Each LED shall illuminate when relay close is active and extinguish when relay is open.
- 2.2 The Control PCB shall draw power parasitically via the PWM control source without affecting the PWM control signal amplitude or duty-cycle thus permitting reliable operation in racks not containing AC neutral to each individual module location. Power requirements shall be minute and in compliance with the International Energy Agency's "One Watt Initiative" standby power requirement. Please refer to U.S. Executive Order #13221. Processor standby power shall not exceed 1 Watt.
- 2.3 All printed circuit boards (PCB's) shall be FR4/G10 with a UL 94V-0 Flame Class Rating.
- 2.4 CD80 Power Modules are ETL compliant and adhere to UL and CSA electrical safety standards.

Specifications subject to change without notice.



Model	Description
CD80PM-AE	Dual 20 Amp Non-Dim Power Module for early generation CD80 and CD80 Advanced Electronics (AE).
CD80CM-AE	Dual 20 Amp Constant Power Module for early generation CD80 and CD80 Advanced Electronics (AE).
CD80FM-AE	Filler Module for early generation CD80 and CD80 Advanced Electronics (AE).

CD80PM-SV	Dual 20 Amp Non-Dim Power Module for CD80 Supervisor (SV).
CD80CM-SV	Dual 20 Amp Constant Power Module for CD80 Supervisor (SV).
CD80FM-SV	Filler Module for CD80 Supervisor (SV).



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**CHARLES BAILEY THEATRE
TRAIL, BC**

**STAGE RIGGING
IMPROVEMENT PROJECT**

**CLASS 'C' SCHEMATIC DESIGN
ESTIMATE**

October 16th, 2020

LTA Consultants Inc

Professional Quantity Surveyors
& Construction Cost Consultants
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Nelson, BC V1L 0A4

**Charles Bailey Theatre
Trail, BC**

**Schematic Design Estimate
October 16th, 2020**

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INTRODUCTION

Trail and District Arts Council is looking at the feasibility of updating and upgrading the stage rigging and drapery system at the Charles Bailey Theatre, Trail, BC.

Upgrades to the existing roof structure, mezzanine/stage rigging structure, and pin rail structure will be required to support the additional loads from the rigging and drapery upgrades. Due to the difficulty of accessing the attic space for the structural upgrades, a portion of the work will be completed by removing and reinstalling small portions of the existing roof structure to allow the new steel beams to be installed from above. Builders' work comprising patching and repairing existing finishes will also be required to facilitate access for construction materials. Additionally, upgrades to the existing electrical distribution equipment and feeders will be required for the proposed stage lighting upgrades.

LTA Consultants Inc. (LTA) has been retained to prepare a detailed class 'C' schematic design estimate for the construction costs of the project. Please note, the estimated construction costs included in this report are limited to the structural upgrade work and electrical upgrade work only. No allowances have been included in this estimate for equipment relating to the stage rigging and drapery upgrades. Please refer to the separate report and estimate prepared by DWD for these costs.

This class 'C' schematic design estimate includes a 'Main Summary of Estimated Project Costs' (Page A1), identifying the estimated construction hard costs for the structural and electrical upgrades and associated builders' work. The summary also includes soft costs relating to miscellaneous consulting fees and building permit fees. Design consultant fees, theatre specialist consulting fees, project management fees, and theatre equipment and upgrade costs are **specifically excluded** from this estimate.

DOCUMENTATION & INFORMATION

The following documentation and information has been provided for the preparation of this class 'C' schematic design estimate:

- Structural drawings S1 – S6, dated October 8th, 2020, prepared by Macleod Nine Consultants Ltd.;
- Existing Architectural plans EX-2 – EX-4 (5 sheets), prepared by Fairbank Architects Ltd.;
- Electrical Assessment Report – Draft, dated August 5th, 2020, prepared by Falcon Engineering;
- DWD Consulting Report.

BASIS OF THE ESTIMATE

We have reviewed the drawings and documentation provided and discussed the project with the consultants to establish the scope and extent of the work.

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From the documentation and information provided, we have prepared the enclosed class 'C' schematic design estimate by measuring quantities from the drawings and applying unit rates to the measured work elements. Where no information was available, we have made reasonable assumptions and stated this in the backup to this report.

Project Procurement and Pricing

Pricing for this project is based upon our opinion of current October 2020 standard construction industry market costs for this size and type of project in Trail, BC. It has been assumed that the project will be procured on a fixed stipulated 'lump sum' contract basis, from a competitive bidding field of at least four competent General Contractors. It has also been assumed that a competitive bidding field of at least three competent sub-contractors for each trade will tender for the work and that there will be no 'sole source' bids.

This estimate attempts to establish a fair and reasonable price for the proposed work and is not intended to be a prediction of 'low bid'.

Contingency Reserves

A Design Contingency Allowance of 10% has been included in this Estimate. This allowance is a reserve of funds in the Construction Estimate to cover unforeseen items during the design phase that do not change the project scope. This allowance is ultimately absorbed into the designed and quantified work as more detailed information becomes available and is, therefore, normally reduced to zero at the tender stage.

An Escalation Contingency Allowance of 5% has been included in this Estimate. This allowance is a reserve of funds in the Construction Estimate to cover price increases in construction costs due to changes in market conditions between the date the estimate is prepared and the date the tender is called (***assumed third quarter 2021***).

A Construction Contingency of 5% is included in this Estimate. This allowance is a reserve of funds in the Construction Estimate to cover unforeseen items during the construction period which will result in Change Orders. This contingency is not intended to cover changes in the scope of the work.

Market Conditions

The current Construction Market in British Columbia is very active to the extent that many projects, at the tender stage, are suffering from a lack of interest from General Contractors as well as Sub-trades. Lack of competitive interest will have an effect on the tendered bottom line and will very likely not reflect the estimated value contained in this report.

Level of Accuracy

This is a class 'C' schematic design estimate with a level of accuracy of +/-25%, 18 times out of 20.

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GST

GST has been ***specifically excluded*** from this schematic design estimate.

Excluded Items

The following items are specifically excluded from this schematic design estimate:

- GST;
- Design Consultant Fees (except as noted on the Main Cost Summary);
- Theatre Consultant Fees;
- Project Management Fees;
- Theatre Rigging and Equipment Upgrades;
- Removal and/or Remediation of Hazardous Materials;
- Project Delays due to Supply Chain Issues and Civil Orders relating to the Covid-19 Pandemic;
- Effects on Materials Pricing due to Border Tariffs, Duties, and Trade Embargoes;
- Portering and Relocation Costs;
- Loose Furnishings, Fixtures, and Equipment.

**Charles Bailey Theatre
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**MAIN SUMMARY OF ESTIMATED
PROJECT COSTS**

CHARLES BAILEY THEATRE
TRAIL, BC

SCHEMATIC DESIGN
ESTIMATE

MAIN SUMMARY OF ESTIMATED CONSTRUCTION COSTS		
Description		Estimated Value
Demolition		\$35,000
Structural		\$227,900
Architectural		\$74,500
Mechanical		\$5,000
Electrical		\$227,000
Site Development		\$0
Sub-total		\$569,400
General Contractors Overhead	16.00%	\$91,104
General Contractors Fee	10.00%	\$66,050
ESTIMATED CONSTRUCTION COSTS (Excluding GST)		\$726,554
Design Contingency Allowance	10.00%	\$72,655
Escalation Contingency Allowance (<i>assumed 3rd quarter 2021</i>)	5.00%	\$39,960
Construction Contingency Allowance	5.00%	\$41,959
ESTIMATED CONSTRUCTION COSTS (Excluding GST)		\$881,129
GST	5.00%	Excluded
ESTIMATED CONSTRUCTION COSTS (Excluding GST)		\$881,129
<u>SOFT COSTS</u>		
Design Fees (Architect, Structural, Mechanical & Electrical)	15.00%	\$132,169
Miscellaneous Consultants	1.50%	\$13,217
Theatre/Specialist Consultant	0.00%	Excluded
Project Management Fees	5.00%	Excluded
Building Permit Fees	1.10%	\$9,692
Theatre Equipment and Upgrades - <i>Specifically Excluded</i>	0.00%	Excluded
ESTIMATED SOFT COSTS (Excluding GST)		\$155,079
GST	5.00%	Excluded
ESTIMATED SOFT COSTS (Excluding GST)		\$155,079
TOTAL PROJECT COSTS (Excluding GST)		\$1,036,208

**Charles Bailey Theatre
Trail, BC**

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ESTIMATE DETAIL

CHARLES BAILEY THEATRE
TRAIL, BCSCHEMATIC DESIGN
ESTIMATE

Code	Description	Quantity	Unit	Rate	Extension
DEMOLITION					
	Temporary protection to upper roof area; removal upon completion	51	m ²	30.00	\$1,530.00
	Form opening in existing exterior wall for new access point for roof upgrades; patching and making good finishes disturbed	1	No	3,000.00	\$3,000.00
	Carefully cut back and remove existing roof finish to expose existing roof deck:				
	Approximately 4.876m x 0.900m	6	Loc	350.00	\$2,100.00
	Approximately 10.667m x 0.900m	1	Loc	750.00	\$750.00
	Carefully cut back and remove existing roof structure to facilitate access for new structural beams W10 x 33				
	Approximately 4.876m x 0.900m	6	Loc	1,100.00	\$6,600.00
	Approximately 10.667m x 0.900m	1	Loc	2,400.00	\$2,400.00
	Allowance for temporary protection at exposed areas				
	Approximately 4.876m x 0.900m	6	Loc	400.00	\$2,400.00
	Approximately 10.667m x 0.900m	1	Loc	900.00	\$900.00
	Temporary protection to floors on level 3/4 for structural steel upgrades; removal upon completion of work	80	m ²	35.00	\$2,800.00
	Allowance for modifying and adapting existing opening to attic space for structural upgrade work	1	l/s	2,500.00	\$2,500.00
	Allowance to remove portion of existing theatre ceiling to access bottom chord of stage truss; dispose	18	m	125.00	\$2,250.00
	Miscellaneous alterations to facilitate structural and electrical upgrade work		l/s	5,000.00	\$0.00
	Removal of existing Theatre Equipment and Fixtures - Specifically Excluded assumed by Owner	1	l/s	Excluded	\$0.00
	Allowance for removal of existing equipment to facilitate access for upgrade work	1	l/s	5,000.00	\$5,000.00
	Removal and/or Remediation of Hazardous Materials - Specifically Excluded	1	l/s	Excluded	\$0.00
	Miscellaneous demolition work	1	l/s	2,770.00	\$2,770.00
TOTAL - DEMOLITION					\$35,000.00

CHARLES BAILEY THEATRE
TRAIL, BCSCHEMATIC DESIGN
ESTIMATE

Code	Description	Quantity	Unit	Rate	Extension
<u>STRUCTURAL</u>					
STRUCTURAL STEEL					
<u>The Following in New Mezzanine Pin Rail</u>					
	HSS 168 Diam x 64	202	kg	25.00	\$5,043.53
	W250 x 49 Brace	368	kg	25.00	\$9,189.15
	3/4" Vertical Pins 44" @ 24" O.C.	17	No	200.00	\$3,400.00
	Sub-total	\$17,633			
<u>The Following in Mezzanine Floor Structure Upgrade</u>					
	W250 x 45	1,129	kg	25.00	\$28,219.34
	Plate 102mm x 406mm x 10mm	82	kg	25.00	\$2,056.88
	1.5" Diam Schedule 40 Pipe	490	kg	15.00	\$7,350.00
	Sub-total	\$37,626			
<u>The Following in Roof Upgrade</u>					
	W250 x 45	1,768	kg	25.00	\$44,201.77
	General Truss Reinforcing; - Truss 1; 75 x 75 x 7.9 (12 pieces)	289	kg	25.00	\$7,234.55
	General Truss Reinforcing; - Truss 2; 75 x 75 x 7.9 (12 pieces)	289	kg	25.00	\$7,234.55
	General Truss Reinforcing; - Truss 3; 75 x 75 x 7.9 (12 pieces)	289	kg	25.00	\$7,234.55
	General Truss Reinforcing; - Truss 4; 75 x 75 x 7.9 (12 pieces)	289	kg	25.00	\$7,234.55
	General Truss Reinforcing; - Truss 1; 75 x 75 x 7.9 - Top Chord	217	kg	25.00	\$5,428.84
	Stage Truss Reinforcing; - Truss 1; 75 x 75 x 7.9 (12 pieces)	290	kg	25.00	\$7,255.41
	Stage Truss Reinforcing; - Truss 1; 75 x 75 x 7.9 - Top Chord & Bottom Chord	433	kg	25.00	\$10,829.56
	Sub-total	\$96,654			
	Total Structural Steel	5,647	kg		
	Total Structural Steel Estimated Cost	\$151,913			
<u>The Following in Fall Arrest System</u>					
	Fall Arrest System; 3M	34	m	950.00	\$32,300.00
	Sub-total	\$32,300			

**CHARLES BAILEY THEATRE
TRAIL, BC**
**SCHEMATIC DESIGN
ESTIMATE**

Code	Description	Quantity	Unit	Rate	Extension
<u>Miscellaneous Wood Framing</u>					
	Allowance for new roof decking to close in access point for new roof upgrade steel; construction to match existing				
	Approximately 4.876m x 0.900m	6	Loc	1,535.00	\$9,210.00
	Approximately 10.667m x 0.900m	1	Loc	3,360.00	\$3,360.00
	3 - 2" x 6" Framing	19	m	22.14	\$413.88
	2" x 6" Framing	19	m	7.38	\$137.96
	Miscellaneous rough carpentry	1	l/s	200.00	\$200.00
	Framing Labour	1	l/s	14,600.00	\$14,600.00
	Allowance for miscellaneous structural upgrades	1	l/s	15,765.48	\$15,765.48
<u>TOTAL - STRUCTURAL</u>					\$227,900.00

**CHARLES BAILEY THEATRE
TRAIL, BC**
**SCHEMATIC DESIGN
ESTIMATE**

Code	Description	Quantity	Unit	Rate	Extension
<u>ARCHITECTURAL</u>					
<u>Exterior Envelope</u>					
	Allowance for infilling opening in existing wall upon completion of structural upgrade work; patching and making good	1	l/s	2,500.00	\$2,500.00
	Allowance for patching and repairing existing membrane roof finish at access points for new beams				
	Approximately 4.876m x 0.900m	6	Loc	1,325.00	\$7,950.00
	Approximately 10.667m x 0.900m	1	Loc	2,900.00	\$2,900.00
	Miscellaneous patching and repairing existing exterior finishes	1	l/s	1,650.00	\$1,650.00
	Building envelope upgrades and improvements - Specifically Excluded	1	l/s	Excluded	\$0.00
	Subtotal	\$15,000			
<u>Interior Work</u>					
	Allowance for installing new ceiling finish at stage truss location	18	m	300.00	\$5,400.00
	Allowance for miscellaneous patching and repairing existing finishes	1	l/s	7,500.00	\$7,500.00
	Allowance for miscellaneous painting	1	l/s	5,000.00	\$5,000.00
	Subtotal	\$12,500			
<u>Theatre Equipment Upgrades - Refer to Separate Estimate and Report prepared by DWD - Specifically Excluded from this Estimate</u>					
	Top lighting on apron	1	l/s	Excluded	\$0.00
	Portable Truss and Chain Hoists	1	l/s	Excluded	\$0.00
	New stage rigging system	1	l/s	Excluded	\$0.00
	Draperies	1	l/s	Excluded	\$0.00
	Upgrade Drapery Tracks	1	l/s	Excluded	\$0.00
	Upgrade Dimmer Rack and add Relays/Circuits	1	l/s	Excluded	\$0.00
	Lighting Control Network	1	l/s	Excluded	\$0.00
	Rebuild apron covers and pit covers	1	l/s	Excluded	\$0.00
	Specialty Theatre Contractor and Electrical Work	1	l/s	Excluded	\$0.00
<u>Miscellaneous</u>					
	Miscellaneous metals allowance	1	l/s	5,000.00	\$5,000.00
	Miscellaneous rough carpentry	1	l/s	2,500.00	\$2,500.00
	Miscellaneous hatches - allowance	1	l/s	7,500.00	\$7,500.00
	Miscellaneous caulking	1	l/s	500.00	\$500.00
	Miscellaneous firestopping	1	l/s	7,500.00	\$7,500.00
	Allowance for builders work in connection with Electrical services	1	l/s	3,500.00	\$3,500.00
	Phasing allowance	1	l/s	-	\$0.00
	Hoarding	1	l/s	10,000.00	\$10,000.00
	Allowance for dust protection - requirements	1	l/s	5,100.00	\$5,100.00

CHARLES BAILEY THEATRE
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SCHEMATIC DESIGN
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Code	Description	Quantity	Unit	Rate	Extension
<u>TOTAL - ARCHITECTURAL</u>					\$74,500.00

CHARLES BAILEY THEATRE
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SCHEMATIC DESIGN
ESTIMATE

Code	Description	Quantity	Unit	Rate	Extension
<u>MECHANICAL</u>					
<u>Plumbing and Drainage</u>					
	No work indicated or included				\$0.00
	Subtotal - Plumbing & Drainage	\$0			
<u>FIRE PROTECTION</u>					
	No work indicated or included				\$0.00
	Subtotal - Fire Protection	\$0			
<u>HVAC</u>					
	Allowance for minor modifications to HVAC system for structural upgrade work	1	l/s	5,000.00	\$5,000.00
	Subtotal - HVAC	\$5,000			
<u>TOTAL - MECHANICAL</u>					\$5,000.00

CHARLES BAILEY THEATRE
TRAIL, BCSCHEMATIC DESIGN
ESTIMATE

Code	Description	Quantity	Unit	Rate	Extension
<u>ELECTRICAL</u>					
<u>SERVICE & DISTRIBUTION</u>					
<u>Normal Power</u>					
	New Breaker in exist Swbd--600a 120/208v	1	Ea	8,280.00	\$8,280.00
	New Theatre Dist Center--600a 120/208v	1	Ea	12,390.00	\$12,390.00
	New Panels--100a 120/208v	2	Ea	1,970.00	\$3,940.00
	New Panels--200a 120/208v	2	Ea	2,960.00	\$5,920.00
	Dist Center Feeder	80	M	478.00	\$38,240.00
	Panel Feeders	40	M	117.00	\$4,680.00
	Gutter Boxes/splice branch ccts-extend to new panels	4	Ea	2,550.00	\$10,200.00
<u>Misc</u>					
	Test/commission/verify exist ccts	1	Lot	6,380.00	\$6,380.00
	Arc Flash/Incident energy Study	1	Lot	6,500.00	\$6,500.00
	Demolition--disconnect/remove panels/dimmer/splitter	1	Lot	5,130.00	\$5,130.00
	Permits/Bonds/manuals/misc	1	Lot	2,340.00	\$2,340.00
	Subtotal - Service & Distribution			\$104,000	
<u>LIGHTING & POWER</u>					
<u>LIGHTING</u>					
	Allowance for Lighting changes--per Falcon	1	no	100,000.00	\$100,000.00
<u>Fixtures</u>					
	Existing--no new house fixtures	0	no	-	\$0.00
	Effects lighting--allowance to replace --??	0	no	-	\$0.00
	Lighting branch conduit/wiring--replace--incl in 100k	1	no	-	\$0.00
<u>Lighting control</u>					
	Dimmer rack/relays--see DWD report (\$45K)	1	no	-	\$0.00
	Lighting Control--DWD(\$12K)--install/wire only-incl in 100k	1	no	-	\$0.00
	Conduit/Cabling--add new/replace exist--incl in 100k	1	sum	-	\$0.00
<u>POWER</u>					
	Power outlets, devices and connections--incl in 100k				
	Misc receptacle	1	sum	-	\$0.00
	Floor receptacles/floorbox	1	sum	-	\$0.00
	Branch conduit/ wiring---replace/update stage area power	1	sum	-	\$0.00
<u>Motorized Hoist Power</u>					
	Allowance --per Falcon	1	no	15,000.00	\$15,000.00
<u>Demolition</u>					
	Allowance	1	no	7,000.00	\$7,000.00
<u>Mechanical equipment connection</u>					
	None	1	no	-	\$0.00
	Permits/Bonds/manuals/misc	1	sum	1,000.00	\$1,000.00
	Subtotal - Lighting & Power			\$123,000	
<u>SYSTEMS</u>					
<u>Fire Alarm System</u>					

**CHARLES BAILEY THEATRE
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Code	Description	Quantity	Unit	Rate	Extension
	No work anticipated	1	no	-	\$0.00
	<u>Communication--for AV eqpt</u> Excluded	1	no	-	\$0.00
	<u>Security</u> No work anticipated	1	no	-	\$0.00
	<u>AV allowance</u> Excluded	1	no	-	\$0.00
	Permits/bonds/manuals/misc	1	sum	-	\$0.00
	Subtotal - Systems	\$0			
<u>TOTAL - ELECTRICAL</u>					\$227,000.00

CHARLES BAILEY THEATRE
TRAIL, BC

SCHEMATIC DESIGN
ESTIMATE

Code	Description	Quantity	Unit	Rate	Extension
	<u>SITE DEVELOPMENT</u>				
	No work required				\$0.00
	<u>TOTAL - SITE DEVELOPMENT</u>				<u>\$0.00</u>

Re: Charles Bailey Theatre Rigging Project

September 6, 2018

To whom it may concern:

Kootenay Concert Connection have been renting The Charles Bailey Theatre for over 10 years with such acts as Jann Arden, Colin James, Corb Lund, Natalie McMaster, The Barenaked Ladies and many more well-known North American artists. Trail has often been a welcoming community for the right type of show and the vitality that the Trail Arts Council has breathed into the theatre over the last few years is notable.

The improvements of building upgrades and new sound and lighting equipment make the venue a more desirable place to rent. It helps make the business of live entertainment more professional, of a higher standard and generally easier to do. I can more easily convince high profile artists to perform in a space that meets all their needs- something that small towns often fall short on.

I support completely the application by the Trail and Districts Arts Council for upgrades to the Charles Bailey theatre rigging system. The more the theatre can be state of the art, the better the experience for the artists, the audience and the organizers involved.

It has been a pleasure to work with Nadine and her team and I trust them to continue improving the space. Please seriously consider supporting their projects knowing that patrons and renters from all over the region and province will also benefit in return.

Yours truly,

FJ Hurtak
Kootenay Concert Connection



Oct 4, 2020

Re: Charles Bailey Theatre Rigging Project

To whom it may concern:

The Charles Bailey Theatre is a 728-seat venue that was built in 1937 and is the 3rd largest live theatre between Vancouver and Calgary. The Theatre also includes the Muriel Griffiths Room which is a 100-seat recital and entertainment venue. Both venues play a vital role in the promotion of arts and culture in our local community and surrounding area.

The Regional District of Kootenay Boundary (RDKB) supports the application by the Trail and Districts Arts Council for upgrades to the Charles Bailey theatre rigging system. The RDKB is committing \$150,000 toward this project for 2021 and sees this upgrade as the next priority as far as theatre upgrades are concerned.

The theatre has become a hub for arts and culture over the past few years thanks to Trail Arts Council and their commitment to improving the space and increasing programming. They have been excellent collaborators and have proven their abilities to manage several worthwhile projects so far. Any support you can provide to the Trail and District Arts Council to help fulfill these improvements is greatly appreciated.

If you have any question about the Charles Bailey Theatre please feel free to contact me.
Thank you.

Yours truly,

Mark Daines,
RDKB Manager of Facilities and Recreation

Greater Trail Community Centre, 1501 Cedar Ave, Trail, British Columbia Canada V1R 4C7
tel: 250-364-3000 • fax: 250-368-3199
e-mail: mdaines@rdkb.com • web: www.rdkb.com



September 12, 2018

To Whom it May Concern,

On behalf of Steps Dance Centre, please accept this letter of support for Nadine Tremblay and the Trail and District Arts Council, in their application for new theatre rigging.

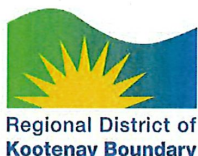
Steps Dance Centre is a family business in Trail, BC, and we offer a variety of dance training to ages 3-adult. Our dance season starts in September of each year, and finishes in May. We utilize the Charles Bailey Theatre 3-5 times each year. This year, we have planned a Christmas show, a performance of solos, a dance festival, and two year-end recitals. We also attend events held at the Bailey, and participate in shows, that are organized by other parties. Furthermore, we encourage our customers and families to attend various events at the theatre. We are very grateful to have such a beautiful venue available to us.

I am in support of this application, as I wish to see the Bailey in safe, working order, and to be able to provide updated services and technological options to their patrons. The Bailey sees a large variety of events in the theatre, and each show requires different set ups, lighting, and curtain arrangements. The continuous rearrangements are unsafe to do at this point, with their current rigging system. This has also caused issues with where curtains lie. For example, there is currently one section that is broken, and the curtain that is attached there does not stay where it is supposed to. This has caused my year-end recital to look slightly less professional than I would like, as well as it posed a hazard to dancers backstage. In addition, we have had times when dancers on stage where not illuminated, due to lack of lighting that covers the entire stage. These are a few of the issues we have ran into while running shows at the Bailey Theatre, that I believe would be corrected and improved on, if a new rigging system was approved.

If you require more information about Steps Dance Centre, or have further questions for myself, please do not hesitate to contact me at 250-368-8119 or stepsdancecentre@shaw.ca.

Sincerely,

Jessee Allen, Director
Steps Dance Centre



Area B/Lower Columbia-Old Glory Recreation Grant Request

The personal information you provide on this RDKB document is being collected in accordance with the Freedom of Information and Protection of Privacy Act and will be used only for the purpose of processing RDKB business. This document may become public information. If you have any questions about the collection of your personal information, please contact Anitra Winje, Manager of Corporate Administration/Corporate Officer and Freedom of Information Protection of Privacy Officer at 250-368-9148 or foi@rdkb.com.

This application must include a complete mailing address. Incomplete address fields will result in delays in processing your Recreation Grant and your request sent back to the RDKB Director.

Please check all Electoral Area Boxes You Are Making Application To:

<input checked="" type="checkbox"/>	Electoral Area 'B/'
	Lower Columbia-Old Glory
	Director Linda Worley

Applicant:	*Friends of the Rossland Range Society			
FULL Mailing Address: Including Postal Code	*PO Box 701, Rossland, BC V0G 1Y0			
Phone:	*	Fax:		E-Mail: *Robmrichardson@hotmail.com
Representative:	*Rob Richardson			
Make Cheque Payable To:	*Friends of the Rossland Range			

**Starred items, including contact information, must be completed in full.*

****Recreation Grants of \$5,000.00 or more may require official receipts. The Electoral Area Director may ask for additional information.

What is the total Cost of the Project? \$30,000 What amount are you requesting from this RDKB Director(s)? \$ 30,000

Describe how the Recreation Grant will be used. (attach an extra sheet if necessary)

This funding will allow for the creation of an extension to the very popular Accessible Trail in the Rossland Range Rec Site at Strawberry Pass. With funding from the RDKB and Linda Worley, we were able to complete the 1.1 km Accessible Trail and provide wheelchair accessibility to the Booty Cabin last year. This year we will be creating an extension to the trail which will allow those with mobility issues to enjoy a very picturesque meadow very near the cabin complete with a viewing deck.
We will also be planning for a loop trail through the Old Growth forest.
Thank you for your very generous support in the past and look forward to creating this one of a kind experience for all to enjoy.

Please list all other organizations you have applied to for funding (attach an extra sheet if necessary)

Name of Organization _____	Amount Requested: \$ _____	Amount Secured: \$ _____
Name of Organization _____	Amount Requested: \$ _____	Amount Secured: \$ _____
Name of Organization _____	Amount Requested: \$ _____	Amount Secured: \$ _____
Date: _____	Applicant Signature _____	Print Name _____

Office Use Only

Grant approved by Electoral Area Director:

Approved by Board: _____

Approval by Director Worley April 19, 2021

Jennifer Kuhn

From: is@rdkb.com
Sent: April 19, 2021 9:11 AM
To: Anitra Winje - Corporate Officer; Information Services; Jennifer Kuhn; Melissa Zahn
Subject: Grant-in-Aid Form submitted by Selkirk Mountain Music Society, email address - mr.jackkenny@gmail.com

Online Grant-in-Aid Application**Electoral Area(s) Applied to:**

Electoral Area 'A' Director Ali Grieve

Applicant Information:

Applicant: Selkirk Mountain Music Society

Address: 6 Davis Fruitvale BC v0g111

Phone: 250-367-0018

Fax:

Email: mr.jackkenny@gmail.com

Representative: Jack Kenny

Make Cheque Payable To: Selkirk Mountain Music Society

Other Expenses:

Total Cost of Project: \$5000

Amount Requested from
RDKB Director(s):

\$5000

Approved Director Grieve
April 19, 2021What is the Grant-in-Aid for?
Mobile Community Stage Project

List of Other Organizations Applied to for Funding

Name of Organization CIA App

Amount Requested 19,718

Amount Secured pending

Name of Organization Kootenay Savings Community Foundation

Amount Requested 18,000

Amount Secured pending

Name of Organization

Amount Requested

Amount Secured

Documents uploaded with Submission?

["TDAC selkirk mountain music society letter OS.pdf","Memo re Selkirk Mountain application to CBT March 12 2021.doc","20210223131550004_THE VILLAGE OFFRUITVALE.pdf"]

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1501 Cedar Ave. Trail, BC. V1R 4C7
P; 250-364-3003 / 250-231-7943
W: www.trail-arts.com
E: charlesbaileytheatre@trail-arts.com

To whom it may concern,

Feb 22, 2021

The Trail and District Arts Council (TDAC) is a non-profit organization whose purpose is to foster the arts in Greater Trail by providing services and resources to its arts, cultural and heritage affiliate organizations. TDAC aims to raise awareness of the arts and offer the community a way to experience the diversity that arts and culture have to offer. In addition, we manage the Bailey Theatre and present professional and emerging artists in and around Greater Trail. With over 40 years of community shows, TDAC presents over 50 events annually.

We are writing today to show support for a new group – *The Selkirk Mountain Music Society* and their *Community Initiatives* grant application for a mobile stage. It's great to see a new organization support local artists and make more entertainment and cultural experiences for the community possible.

I hope this letter will demonstrate the support needed to help make a new and exciting project happen.

Sincerely,

Nadine Tremblay
Nadine Tremblay

MEMO

TO: CBT cultural funding initiatives

FROM: Joe Hill Coffee House

Contact: Les Carter, 250-362-5677, retrac01@telus.net

RE: Selkirk Mountain Music Society application for mobile sound stage

DATE: March 12, 2021

We understand that the Selkirk Mountain Music Society is applying for funding to create a mobile sound stage so that local musicians throughout the West Kootenays can perform at outdoor events.

We at Joe Hill Coffee House would like to offer our enthusiastic support for this initiative. A mobile sound stage would offer musicians in the West Kootenays much-needed opportunities to perform.

Although its usefulness is more obvious now that indoor gatherings are restricted, the need for an easily-transported and reasonably weather-proof sound stage for amateur outdoor gigs has been felt for a long time. A mobile stage as envisioned by the Selkirk Mountain Music society would serve musicians and communities well for a long time in the future.

A bit of background: Joe Hill Coffee House is Rossland's long-time all-volunteer venue where local performers can have their 15 minutes of fame, playing and singing for their friends and neighbours. Joe Hill Coffee House was held for many years in the Rossland Miners Union Hall. For the last while, we have been hosted by the Rossland Legion. Joe Hill Coffee House has traditionally been held once a month except in the summer. With the COVID situation, we have not held a performance since last Spring, and both performers and our loyal audience are feeling the strain. It's time to make music again!

Thanks!

Les Carter

Joe Hill Coffee House Manager and Chief Nag



**THE CORPORATION OF
THE VILLAGE OF FRUITVALE**

In the "HEART OF THE BEAVER VALLEY"

Post Office Box 370, 1947 Beaver Street
Fruitvale, BC V0G 1L0
Phone: 250-367-7551 / Fax 250-367-9267
Email: info@village.fruitvale.bc.ca

February 23, 2021

Selkirk Mountain Music Society
mr.jackkenny@gmail.com

Attention: Mr. Jack Kenny

Dear Jack:

Re: Support of Community Initiatives Grant Application

At their regular meeting held on Monday, February 8, 2021, the Village of Fruitvale Council received your presentation in which you asked for their support of the Selkirk Mountain Music Society.

The Village of Fruitvale passed a motion that they support in principle the Selkirk Mountain Music Society and their objective to bring music to our area. Council feels the stage and Society will be a welcome addition to many village community events.

On behalf of the Village of Fruitvale Council, we extend to your group best wishes for a successful grant application.

Yours truly,

Council for the Village of Fruitvale
/kt

Jennifer Kuhn

From: is@rdkb.com
Sent: April 14, 2021 12:17 PM
To: Anitra Winje - Corporate Officer; Information Services; Jennifer Kuhn; Melissa Zahn
Subject: Grant-in-Aid Form submitted by The Corporation of the Village of Fruitvale, email address - ktuttle@village.fruitvale.bc.ca

Online Grant-in-Aid Application**Electoral Area(s) Applied to:**

Electoral Area 'A' Director Ali Grieve

Applicant Information:

Applicant: The Corporation of the Village of Fruitvale

Address: PO Box 370

Phone: 2503677551

Fax:

Email: ktuttle@village.fruitvale.bc.ca

Representative: Kelli Tuttle

Make Cheque Payable To: The Village of Fruitvale

Other Expenses:

Total Cost of Project: \$31600

Amount Requested from
RDKB Director(s):\$6000 *Approved Director Grieve
April 14, 2021*

What is the Grant-in-Aid for?

Village of Fruitvale Public Art for the FMC rain garden. Request for \$6000.00 as previously committed to in February 2020 by Electoral Area Director Ali Grieve.

List of Other Organizations Applied to for Funding

Name of Organization THE CORPORATION OF THE VILLAGE OF FRUITVALE

Amount Requested 3000

Amount Secured 3000

Name of Organization CBT

Amount Requested 22600

Amount Secured 22600

Name of Organization

Amount Requested

Amount Secured

Documents uploaded with Submission?

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Grant-in-Aid Request

The personal information you provide on this RDKB document is being collected in accordance with the Freedom of Information and Protection of Privacy Act and will be used only for the purpose of processing RDKB business. This document may become public information. If you have any questions about the collection of your personal information, please contact Theresa Lanardon, Manager of Corporate Administration/Corporate Officer and Freedom of Information Protection of Privacy Officer at 250-368-9148 or foi@rdkb.com.

Please check all Electoral Area Boxes You Are Making Application To:

<input type="checkbox"/> Electoral Area 'A' Director All Grove	<input type="checkbox"/> Electoral Area 'B' Lower Columbia-Old Glory Director Linda Worley	<input type="checkbox"/> Electoral Area 'C' Christina Lake Director Grace McGregor	<input type="checkbox"/> Electoral Area 'D' Rural Grand Forks Director Roby Russell	<input checked="" type="checkbox"/> Electoral Area 'E' West Boundary Director Vicki Gee
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Applicant:	* Kettle River Museum		
Address:	* P.O. Box 149, Midway, BC V0H1M0		
Phone:	* 250-449-2614	Fax:	
Representative:	* Wendy Hegashi		
Make Cheque Payable To:	* Kettle River Museum		

*Stated items, including contact information, must be completed in full.

***GIA Requests of \$5,000.00 or more may require official receipt. The Electoral Area Director may ask for additional information.

What is the total Cost of the Project? \$ 6,500 What amount are you requesting from this RDKB Director(s)? \$ 1000.00

What is the Grant-in-Aid for? (attach an extra sheet if necessary)

Assistance in hiring a person for summer employment at the Kettle River Museum in Midway. The position will be from mid May until mid September. For this position priority will be for a resident of the regional district. The Museum was not open last year because of Covid and they did not have a curator to write for a Provincial or Federal grant.

Please list all other organizations you have applied to for funding (attach an extra sheet if necessary)

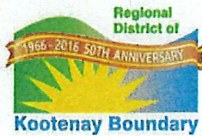
Name of Organization	Village of Midway	Amount Requested: \$	Amount Secured: \$
Amount Requested: \$	5,000	Amount Secured: \$	0 at this time we are waiting for a reply
Name of Organization		Amount Requested: \$	Amount Secured: \$
Name of Organization		Amount Requested: \$	Amount Secured: \$
Date:	April 16, 2021	Applicant Signature	Wendy Hegashi
		Print Name	Wendy Hegashi

Office Use Only

Grant approved by Electoral Area Director:

Approved by Board:

SUBMIT



Grant-in-Aid Request

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Please check all Electoral Area Boxes You Are Making Application To:

<input type="checkbox"/> Electoral Area 'A' Director Ali Grieve	<input type="checkbox"/> Electoral Area 'B/ Lower Columbia-Old Glory Director Linda Worley	<input type="checkbox"/> Electoral Area 'C/ Christina Lake Director Grace McGregor	<input type="checkbox"/> Electoral Area 'D/ Rural Grand Forks Director Roly Russell	<input checked="" type="checkbox"/> Electoral Area 'E/ West Boundary Director Vicki Gee
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Applicant:	*Red Earth Medicine: Foundation of Indigineous Ways of Knowing		
Address:	*3990 Hwy 3, Rock Creek, BC, V0H 1Y0		
Phone:	*250 449-1849	Fax:	
E-Mail:	*redearthways@gmail.com		
Representative:	*Judy Letendre		
Make Cheque Payable To:	*Red Earth Medicine		

**Starred items, including contact information, must be completed in full.*

***GIA Requests of \$5,000.00 or more may require official receipt. The Electoral Area Director may ask for additional information.

What is the total Cost of the Project? \$4000 What amount are you requesting from this RDKB Director(s)? \$3000

What is the Grant-in-Aid for? (attach an extra sheet if necessary)

Start up costs for new West Boundary Indigenous non-profit (goal - to increase the visibility and presence of Indigenous people in this region by acknowledging ancestral place and inclusivity of all nations)
Incorporation costs, Quick Books for 2 years, Insurance for one year

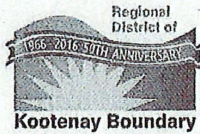
Please list all other organizations you have applied to for funding (attach an extra sheet if necessary)

Name of Organization _____	Amount Requested: \$ _____	Amount Secured: \$ _____
Name of Organization _____	Amount Requested: \$ _____	Amount Secured: \$ _____
Name of Organization _____	Amount Requested: \$ _____	Amount Secured: \$ _____

Date: April 21, 2021 Applicant Signature J. Letendre Print Name Judy Letendre

Office Use Only
Grant approved by Electoral Area Director: <u>V. Gee</u>
Approved by Board: _____

SUBMIT



Grant-in-Aid Request

The personal information you provide on this RDKB document is being collected in accordance with the Freedom of Information and Protection of Privacy Act and will be used only for the purpose of processing RDKB business. This document may become public information. If you have any questions about the collection of your personal information, please contact Theresa Lenardon, Manager of Corporate Administration/Corporate Officer and Freedom of Information Protection of Privacy Officer at 250-368-9148 or foi@rdkb.com.

Please check all Electoral Area Boxes You Are Making Application To:

<input type="checkbox"/> Electoral Area 'A' Director Ali Grieve	<input type="checkbox"/> Electoral Area 'B' Lower Columbia-Old Glory Director Linda Worley	<input type="checkbox"/> Electoral Area 'C' Christina Lake Director Grace McGregor	<input type="checkbox"/> Electoral Area 'D' Rural Grand Forks Director Roly Russell	<input checked="" type="checkbox"/> Electoral Area 'E' West Boundary Director Vicki Gee
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Applicant:	* Trails To The Boundary		
Address:	* 3990 Hwy 3 Rock Creek BC		
Phone:	* 250 528-0221	Fax:	
Representative:	* Patricia Henley		
Make Cheque Payable To:	* Trails To The Boundary		

*Starred items, including contact information, must be completed in full.

****GIA Requests of \$5,000.00 or more may require official receipt. The Electoral Area Director may ask for additional information.

What is the total Cost of the Project? \$ ⁷⁵⁷⁵ ~~6000~~ What amount are you requesting from this RDKB Director(s)? \$ 6,000

What is the Grant-in-Aid for? (attach an extra sheet if necessary)

for heritage consulting at historic school house

Please list all other organizations you have applied to for funding (attach an extra sheet if necessary)

Name of Organization	Amount Requested: \$	Amount Secured: \$
Name of Organization	Amount Requested: \$	Amount Secured: \$
Name of Organization	Amount Requested: \$	Amount Secured: \$

Date: April 21, 2011 Applicant Signature: Patricia Henley Print Name: PATRICIA HENLEY

Office Use Only
Grant approved by Electoral Area Director: <u>V. Gee</u>
Approved by Board: _____

SUBMIT

ANCE Building Services Co. Inc.
739 Campbell Ave. Vancouver BC V6A 3K7

Elana Zysblat, CAHP - Heritage Consultant
e: elanazysblat@shaw.ca c: 604.722.3074
ancebuildingservices.com

April 15, 2021

Tara Cookson
Trails to the Boundary Society
3990 Hwy 3
Rock Creek, BC V0H 1Y0

Dear Tara,

**RE: Fee Proposal for Heritage Consulting at Rock Creek schoolhouse - 3675 Kettle Valley
S. Road, Rock Creek**

We are pleased to offer our services in producing a Heritage Conservation Plan for the above mentioned heritage building. This is a crucial document guiding how to plan and apply best practices conservation, sustainable use and ongoing maintenance to your building and site following Standards and Guidelines for the Conservation of Historic Places in Canada.

HERITAGE CONSERVATION PLAN - \$5500 plus GST

1. Conduct a **Condition Assessment** (as part of an interior and exterior site visit of the site). Ideally, the consultants can meet stewards and users at the site visit, people who either take care of the building, makes decisions about it or have known it for a long time, to have the opportunity to interview them and tour the property together.
2. Draft a **Heritage Conservation Plan** in accordance with Parks Canada Standards & Guidelines for the Conservation of Historic Places in Canada, which will start with a Statement of Significance. The understanding of the historic place will rely on local historic resources (including oral histories) from members of Trails to the Boundary Society and their contacts, as well as archival research. The Conservation Plan includes a Statement of Significance, historic brief, construction chronology, condition assessment, sustainable use plan, recommended

conservation treatments for the various parts of the building by priority, and a maintenance plan.

3. Submission of Conservation Plan document to you in PDF format (with above mentioned sections, research references and photographs).

TRAVEL AND ACCOMMODATION - \$1800

A two-person team is required to conduct the site visit, site documentation and condition assessments. The estimated fee for travel and accommodation is broken down as follows:

\$800 - return trip from Vancouver

\$600 - \$150 per person per night for accommodation (min 2 nights)

\$200 - gas

\$200 - \$50 per person per diem expenses (min 2 days)

\$1800

\$5775 - report (with GST)

\$1800 - travel

TOTAL PROPOSED FEES: \$7575

Thank you for the opportunity of submitting this proposal.

Sincerely yours,



Elana Zysblat
heritage consultant, CAHP