

Regular Meeting of the Board of Directors

March 27, 2018

6:00 pm

**RDKB Board Room
Trail, B.C.**

F I N A L A G E N D A

1. Call to Order

2. Consideration of the Agenda (Additions/Deletions)

- 2a)** The agenda for the March 27, 2018 meeting of the Regional District of Kootenay Boundary Board of Directors is presented.

Recommendation: Corporate Vote Unweighted

That the agenda for the March 27, 2018 meeting of the Regional District of Kootenay Boundary Board of Directors be adopted as presented.

3. Minutes

- 3a)** The minutes of the Regional District of Kootenay Boundary Board of Directors meeting held March 14, 2018 are presented.

Recommendation: Corporate Vote Unweighted

That the minutes of the Regional District of Kootenay Boundary Board of Directors meeting held March 14, 2018 be adopted as presented.

[Minutes-Board of Directors - 14 Mar 2018 - BOARD- March 27 2018 - Pdf](#)

4. Delegation(s)

- 4a)** **J. Strilaeff, CEO, Columbia Basin Trust**
Re: Trust Annual Report Presentation

[Delegation-CBT-BOARD-March 27 2018](#)

- 4b)** **Rachael Roussin, Coordinator, Kootenay and Boundary Farm**
Advisors

Re: Kootenay and Boundary Farm Advisory Program

[Delegation-Kootenay Boundary Farm Advisory Prgm-BOARD-March 27 2018](#)

[KootenayBoundary Farm Advisory Prgm-News Release-2017-BOARD-March 27 2018](#)

5. Unfinished Business

5a) K. Gobeil, Planner

**Re: Reconsideration of March 14, 2018 Recommendation
Approval of Development Variance Permit Application
Christina Lake**

**Recommendation: Stakeholder Vote (Electoral Area Directors)
Unweighted**

That the recommendation adopted by the Regional District of Kootenay Boundary Board of Directors at the March 14, 2018 meeting to approve the Development Variance Permit application submitted by Denise Preston to reduce the minimum floor area requirement for a dwelling unit from 60m² to 35.7m² – a 24.3m² variance, in order to convert an existing garage into a secondary suite, on the property legally described as Lot 21, Plan KAP23397, DL 317, SDYD, Electoral Area 'C'/Christina Lake be reconsidered. **FURTHER** that the application be approved.

[Staff Report-Reconsideration-DVP-Christina Lake-BOARD-March 27 2018](#)

6. Communications (Information Only)

6a) S. Chalmers, Administrator, Community Energy Association- Feb. 27/18

**Re: BC Municipal Climate Leadership Council Workshop - Post
AKBLG Convention**

[Request to Include BCMCLC Workshop on March 27 RDKB Board Meeting Agenda
AKBLG Workshop Description](#)

6b) Working Group on Responsible Conduct-March 6/18

Re: Status Update

[Code of Conduct Working Grp-Update-BOARD-March 27 2018](#)

6c) Firewise Consulting-March 5/18

Re: Funding for Oversight of Road Rescue

[FireWise Consulting-Rd Rescue-Proposed Framework - March 5, 2018-BOARD-
March 27 2018](#)

Recommendation: Corporate Vote Unweighted

That Communication Information Only items 6a) – 6c) be received and further direction at the discretion of the Board.

7. Reports

7a) Adopted RDKB Committee Minutes

The minutes of the RDKB Committee meetings held during February and adopted by the respective Committees during March 2018 are presented:

Boundary Community Development Committee (Feb. 7) Policy and Personnel (Feb. 14), Utilities (Feb.14) and Electoral Area Services (Feb 15).

Recommendation: Corporate Vote Unweighted

That the following minutes of RDKB Committee meetings held during February 2018 be received:

Boundary Community Development Committee (Feb. 7), Policy and Personnel (Feb. 14), Utilities (Feb.14) and Electoral Area Services (Feb 15).

[Minutes-Boundary Community Development Committee - 07 Feb 2018 - BOARD-March 27 2018 - Pdf](#)

[Minutes-Policy and Personnel Committee - 14 Feb 2018 - P&P March 14-BOARD-March 27 2018 - Pdf](#)

[Minutes - UT - 14 Feb 2018 - UT - March 14-BOARD-March 27 2018- Pdf](#)

[Minutes-Electoral Area Services Committee - 15 Feb 2018 - BOARD-March 27 2018 - Pdf](#)

8. Monthly Committee Recommendations to Board of Directors

The RDKB Committee recommendations as adopted by the respective Committees during Marcy 2018 are presented for consideration.

8a) Boundary Community Development Committee (BCDC) March 7/18)

**Re: West Boundary Recreation Grant Application
Greenwood Municipal Pool-Summer Camp Programs**

Director McGregor, Chair/Director Rotvold, Vice Chair

West Boundary Rec Grant-Greenwood Pool

Recommendation: Stakeholder Vote (Electoral Area E/West Boundary, Greenwood and Midway) Weighted

That the Regional District of Kootenay Boundary Board of Directors approves the application for a West Boundary Recreation Grant from the Greenwood Municipal Pool in the amount of \$4,000 for Summer 2018 Camp Programs.

[West Boundary Grant Application-Greenwood Pool-BCDC March 7-BOARD-March 27 2018](#)

9. Board Appointments Updates

- 9a)** Southern Interior Development Initiative Trust (S.I.D.I.T.) - Chair McGregor
Southern Interior Beetle Action Coalition (S.I.B.A.C.) - Chair McGregor
Okanagan Film Commission - Director Gee
Boundary Weed Stakeholders Committee - Director Gee
Columbia River Treaty Local Government Committee and Columbia Basin Regional Advisory Committee (CBRAC) - Director Worley
Kootenay Booth - Director Rotvold
Rural Development Institute (R.D.I.) - Director Martin
Chair's Update - Chair Russell

10. New Business

- 10a) C. Marsh, Manager of Emergency Programs**
Re: UBCM FireSmart Planning and Activities Grant Program
Mt. Baldy Ski Resort Grant Opportunity

UBCM FireSmart Planning Grant Program

Recommendation: Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors (Emergency Management) supports the UBCM SWPI FireSmart Planning & Activities program grant application as submitted by Chris Marsh, Manager of Emergency Programs to the Board March 27, 2018.

[Staff Report - UBCM Community Wildfire - UBCM Grant Application - BOARD-March 27 2018](#)

[UBCM Community Wildfire-Baldy RDKB FireSmart Application-BOARD-March 27 2018](#)

- 10b) K. Gobeil, Planner**
Re: Referral from Regional District of Central Kootenay (RDCK)
Electoral Area G Land Use Bylaw

RDCK Referral-Land Use Bylaw

Recommendation: Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors supports the provisions in the Regional District of Central Kootenay Land Use Bylaw No. 2452 that include measures to protect the Kelly Creek Community Watershed, which is a source of drinking water for the Village of Fruitvale and RDKB Electoral Area A.

[Staff Report-RDCK-Board-March 27 2018](#)

10c) K. Gobeil, Planner

Re: Atco Wood Products Cut Blocks-Electoral Area A

Atco Wood Products Cut Blocks

Recommendation: Corporate Vote Unweighted

That the staff report from K. Gobeil, Planner, regarding 6 proposed cut blocks in Unsurveyed Crown land north of Trail in Electoral Area A be received.

[Staff Report-Atco-Board-March 27 2018](#)

d) K. Gobeil, Planner

**Re: Interfor Forestry Referral
(Tree Farm Licence 8, Supply Analysis)**

Interfor Forestry Referral

Recommendation: Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors direct staff to forward this staff report 'Forestry Referral – Interfor – Tree Farm Licence 8, Supply Analysis', which includes concerns raised by the Electoral Area 'E'/West Boundary Advisory Planning Commission, and a copy of the March 5, 2018 Electoral Area 'E'/West Boundary Advisory Planning Commission meeting minutes to Interfor for consideration.

[Staff Report-Interfor-Board-March 27 2018](#)

e) Grants-In-Aid

**Recommendation: Stakeholder Vote (Electoral Area Directors)
Weighted**

That the following grants-in-aid be approved:

1. Trail Minor Baseball-Electoral Area 'A'-\$500
2. Montrose Family Fun Day-Area 'A'-\$500
3. Trail Minor Baseball-Electoral Area 'B'-\$500
4. West Kootenay Smoken Steel Car Club-Electoral Area 'B'-\$4,000
5. Boundary Country Regional Chamber of Commerce-Electoral Area 'C'-\$2,500

[GIA-To March 22-BOARD-March 27 2018](#)

11. Bylaws

11a) B. Burget, General Manager of Finance

Re: Financial Plan Bylaw 1673

Recommendation: Corporate Vote Weighted

That Regional District of Kootenay Boundary Financial Plan Bylaw No. 1673 be given First, Second and Third readings.

Recommendation: Corporate Vote Weighted

That Regional District of Kootenay Boundary Financial Plan Bylaw No 1673 be Reconsidered and Adopted.

[Staff Report - Financial Plan Bylaw - BRD - Mar 27, 20197 - Pdf](#)

11b) C. Rimmel, Senior Planner

Re: Bylaw No. 1632-Electoral Area B/Lower Columbia-Old Glory Official Community Plan Amendment

Third Reading

Recommendation: Corporate Vote Unweighted

That the staff report regarding the referral response summary for Bylaws 1632 and 1633 on the property legally described as Block 16, DL 7187 and 8073, KD, NEP2115, on Highway 22, near Lower china Creek Road, in Electoral Area B/Lower Columbia-Old Glory, be received.

Recommendation: Stakeholder Vote (Electoral Area Directors) Unweighted

That Regional District of Kootenay Boundary Official Community Plan Amendment Bylaw No. 1632, 2018 be read a Third Time.

[Bylaw 1632-BOARD-March 27 2018](#)

[Staff Report-WestK-Board-March 27 2018](#)

11c) C. Rimmel, Senior Planner

Re: Bylaw No. 1633-Electoral Area B/Lower Columbia-Old Glory Zoning Amendment

Third Reading

Recommendation: Stakeholder Vote (Electoral Area Directors) Unweighted

That Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1633, 2018 be read a Third Time.

[Bylaw 1633-BOARD-March 27 2018](#)

11d) Bylaw No. 1645-Electoral Area D/Rural Grand Forks Zoning Amendment

Third Reading and Adoption

**Recommendation: Stakeholder Vote (Electoral Area Directors)
Unweighted**

That Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1645, 2018 be read a Third Time.

**Recommendation: Stakeholder Vote (Electoral Area Directors)
Unweighted**

That Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1645, 2018 be Reconsidered and Adopted.

[Bylaw 1645-BOARD-March 27 2018](#)

- 12. Late (Emergent) Items**
- 13. Discussion of Items for Future Meetings**
- 14. Question Period for Public and Media**
- 15. Closed (Incamera) Session**
- 16. Adjournment**



Regular Meeting of the Board of Directors

March 14, 2018

RDKB Board Room, Grand Forks, B.C.

6:00 p.m.

Minutes

Present: Director R. Russell, Chair
Director G. McGregor, Vice-Chair
Director J. Danchuk
Director M. Martin
Director L. McLellan
Director F. Konrad
Director E. Smith
Director M. Rotvold
Director L. Worley
Director V. Gee
Alternate Director A. Parkinson
Director A. Grieve, via teleconference
Director P. Cecchini, via teleconference

Staff: M. Andison, Chief Administrative Officer
T. Lenardon, Manager of Corporate Administration/Recording Secretary
F. Maika, Corporate Communications Officer
B. Burget, General Manager of Finance
G. Denkovski, Manager of Infrastructure and Sustainability

Others: J. Niblow and S. Rosa
Denise Preston and Peter Bowen
Media-Grand Forks Gazette

Call to Order

The Chair called the meeting to order at 6:02 p.m.

Consideration of the Agenda (Additions/Deletions)

The agenda for the Regional District of Kootenay Boundary Board of Directors meeting held March 14, 2018 was presented.

The Corporate Officer noted the following changes to the agenda:

New Business Item - Bylaw Contravention, Westlake Drive, Electoral Area C/Christina Lake was moved to the front of the agenda after Consideration of the Minutes and an application for a Development Variance Permit, not included on the agenda, was added also after Consideration of the Minutes, and it was;

121-18 Moved: Director Worley Seconded: Director Rotvold

Corporate Vote Unweighted

That the agenda for the Regional District of Kootenay Boundary Board of Directors March 14, 2018 meeting be adopted as amended.

Carried.

Minutes

The minutes of the Regional District of Kootenay Boundary Board of Directors meeting held February 14, 2018 were presented.

122-18 Moved: Director McLellan Seconded: Director Smith

Corporate Vote Unweighted

That the minutes of the Regional District of Kootenay Boundary Board of Directors meeting held February 14, 2018 be adopted as presented.

Carried.

M. Andison, CAO**Re: Bylaw Contravention-Electoral Area C/Christina Lake**

A staff report from Mark Andison, CAO, regarding a Building Bylaw Contravention for the property described as:

Westlake Drive, Christina Lake, B.C.-Electoral Area 'C' / Christina Lake

Parcel Identifier: 005-586-917

Lot 27 District Lot 317 Similkameen Division Yale District Plan 25163

Owners: James Niblow and Sabrina Rosa

The CAO explained the staff report advising that the property owners have constructed an accessory building without a permit and which is prohibited in the current Electoral Area C/Christina Lake Bylaw given there is no single family dwelling to satisfy the permitted principal uses clause.

The Chair provided the property owners an opportunity to address the Board. J. Niblow expressed concerns with the information that the RDKB Building Inspector provided, including advisement that the property owners could not submit applications for a variance or rezoning to a recreational use. He

also expressed concerns regarding photographs of the subject property that were taken, which included him in the photo.

The CAO explained that the submission of an application for a development variance permit or an application to rezone the property are permitted, however whether such applications would be approved is a different matter.

Mr. Niblow provided background information regarding the development on the subject property.

It was noted that this matter should be deferred until the property-owners have had an opportunity to review the matter with staff and the Director for Electoral Area C/Christina Lake. Electoral Area C/Christina Lake Director McGregor noted that she would be willing to meet with the applicants to review this matter further, and it was;

123-18 Moved: Director McGregor Seconded: Director Worley

Stakeholder Vote (Electoral Area Directors (Unweighted))

That direction to the Chief Administrative Officer to file a Notice in the Land Title Office pursuant to Section 302 of the Local Government Act and Section 57 of the Community Charter against the property legally described as Lot 27, District Lot 317, Similkameen Division Yale District, Plan 25163 be deferred to a future RDKB Board meeting after the property-owners have met with Electoral Area C/Christina Lake Director McGregor and staff to review the matter further.

Carried.

Denise Preston and Peter Bowen

Application for a Development Variance Permit-Electoral Area C/Christina Lake

The CAO provided the Board of Directors with the application details and background information that was reviewed by the Electoral Area Services Committee in February. The applicant wishes to decrease the minimum permitted size of her residence from 60 m² to 35.7 m² (a variance of 24.3 m²) in order to convert an existing garage into a secondary suite. The existing structure does not meet the minimum floor area requirement for a dwelling unit.

Director McGregor, Electoral Area C/Christina Lake explained the history behind similar applications and she expressed her support for this particular application, and it was;

124-18 Moved: Director McGregor Seconded: Director Worley

Stakeholder Vote (Electoral Area Directors) Unweighted

That the Regional District of Kootenay Boundary Board of Directors approves the Development Variance Permit application submitted by Denise Preston to reduce the minimum floor area requirement for a dwelling unit from 60 m² to 35.7 m² – a 24.3 m² variance, in order to convert an existing garage into a secondary suite, on the property legally described as Lot 21, Plan KAP23397, DL 317, SDYD, Electoral Area 'C'/Christina Lake.

Carried.

Delegation(s)

There were no delegations in attendance.

Unfinished Business

RDKB Board of Directors Action Item Report as of March 9, 2018

125-18 Moved: Director Rotvold Seconded: Director Smith

Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors Action Item Report as of March 9, 2018 be received as presented.

Carried.

Appointment-Christina Lake Parks, Trails and Recreation Committee

Randy Gniewotta

126-18 Moved: Director McGregor Seconded: Director Worley

Corporate Vote Unweighted

That Randy Gniewotta be appointed to the Electoral Area 'C'/Christina Lake Regional Parks, Trails and Recreation Commission.

Carried.

Appointment-Electoral Area 'D'/Rural Grand Forks-Advisory Planning Commission (APC)

Brian Noble

127-18 Moved: Director McGregor Seconded: Alternate Director Parkinson

Stakeholder Vote (Electoral Area Directors) Unweighted

That Brian Noble be appointed to the Electoral Area 'D'/Rural Grand Forks Advisory Planning Commission.

Carried.

K. Gobeil, Planner

Re: Bullwheel Gastro Family Pub-Big White Ski Resort

Addition of a Patio as Liquor Primary Area

128-18 Moved: Director Gee Seconded: Director McGregor

Corporate Vote Unweighted

1. **That the Regional District of Kootenay Boundary Board of Directors recommends that the primary liquor licence for the Bullwheel Gastro Family Pub be supported for the following reasons:**

The liquor licence amendment should have minimal to no impact on the residents, community and neighbouring property owners if approved.

2. **The Board's comments on the prescribed considerations are as follows:**

- a. **The potential for noise:**

No negative impact to the community is anticipated by approving this application.

- b. **The impact on the community:**

It is anticipated that the proposal would not negatively impact Big White. The Advisory Planning Commission for Big White noted no complaints regarding this application. Some residents noted concern of using a hot tub in an adjacent property to the patio.

- c. **Is the amendment contrary to the primary purpose of the establishment:**

The proposed business and structural alterations are in keeping with the primary purpose of the establishment. The business operates as an 'eating, drinking establishment' which is a permitted use in the 'Village Core 6' Zone.

The Board's comments on the views of the residents are as follows:

The applicant posted three 'notice of the proposal' signs. The signs were posted on November 22, 2017. One sign was posted at the back window of the establishment facing the gondola and conference room. Another was posted at the main entrance of the Bullwheel, and a third at the community notice board in the Whitefoot building, adjacent to the doctor's office. Comments had been received by the Strata Council and Strata members showed support and non-support of the application. On December 12, 2017. Because of the comments, the Regional District of Kootenay Boundary held a Public Hearing on February 27, 2018. Notifications for this hearing were mailed to all strata owners, and a sign was placed next to the door to the parkade, and elevator of the building. No submissions were received after December 13, 2017 that opposed the application.

Carried.

D. Derby, Regional Fire Chief/Fire Dispatch Manager**Re: Protective Service Action Items Update**

The Chief Administrative Officer reviewed the staff report which provides updates to, and recommends that the following Protective Services action items be removed from the action tracking report list:

1. **Emergency Preparedness Service**-allocation of surplus funds to uncompleted projects and completion of a review and update of the Regional Emergency Plan, and Emergency Communications Plan, a Pet and Livestock Plan and an update to the emergency planning manual and documentation.
2. **911 Repeater Tower in the Roderick Dhu Mountain area of Grand Forks**-staff follow up regarding communications coverage to include Greenwood communication gaps from the North Boundary Road.
3. **Use of RDKB Fire Halls** - staff draft a report with further information and options on permitting outside community groups to meet in the fire halls.

- 4. Disaster Recovery**—staff to develop a guideline or policy on the role and expectations of the RDKB during community disaster recovery will be referred to the Board of Directors (Protective Services).

There was a discussion regarding **Item #3; Use of RDKB Fire Halls.**

Staff recommends that access by community groups to RDKB Fire Halls continue to be permitted and managed at the local hall level. Director Cecchini inquired as to whether the Regional Fire Chief ultimately gives approval for community use of the local halls. Staff agreed that the Regional Fire Chief should be involved with the local hall members when discussing use of the halls. There was overall agreement by the Board that although it supports the idea of maintaining local autonomy for making these decisions, that the matter be referred to the Policy and Personnel Committee for further discussion.

There was also a discussion regarding **Item #2: 911 Repeater Tower in the Roderick Dhu Mountain area of Grand Forks.**

There was consensus to accept the staff recommendation to remove this item from the action list, subject to staff assuring the Board that the matter continues to be included in the 2019/20 Work Plan and that staff follow up on how the Board will be kept informed, and it was;

129-18 Moved: Director Rotvold Seconded: Director McGregor

Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors approve, and based on the updates provided at the March 14, 2018 Board meeting, remove the following Protective Services Action items from the action item list: Emergency Preparedness Service, 911 Repeater Tower in the Roderick Dhu Mountain area of Grand Forks (subject to assurance that the matter continues to be included in the 2019/20 Work Plan and information from staff as to how the Board will be kept informed), and Disaster Recovery. **FURTHER** that the Protective Services Action Item: Use of RDKB Fire Halls by external community groups be referred to the Policy and Personnel Committee for further discussion around the development of a policy that would set out guidelines for use of the local halls by external community groups and the role of the Regional Fire Chief.

Carried.

G. Denkovski, Manager of Infrastructure and Sustainability

Re: Solid Waste Management Facilities - Operating Hours

Director McGregor, Environmental Services Liaison

130-18 Moved: Director McGregor Seconded: Director Worley

Solid Waste Management Facilities - Operating Hours

Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors not alter the operating hours at the West Boundary Landfill and Rock Creek Transfer Station until such time as Staff are able to monitor the vehicle site usage at the facilities after the closing of the unattended recycling depots in

the City of Greenwood and Village of Midway and subsequently report back to the Board information regarding usage statistics in September 2018.

Carried.

2018 Budgets/2018-2022 Five-Year Financial Plans

B. Burget, General Manager of Finance

Re: General Government Service (001) 2018-2022 Five Year Financial Plan

Director Martin, Finance Liaison

Staff answered budget inquiries regarding salaries, operating grants and changes to the Columbia Gardens Industrial Park Water Service Budget. It was noted that the extra cost for reimbursement of vehicle insurance coverage for business use will be revisited in the future.

131-18 Moved: Director Martin Seconded: Director Rotvold

General Government Financial Plan

Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors (Finance) approve the General Government Service (001) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018-2022 Five Year Financial Plan.

Carried.

Beth Burget, General Manager of Finance

Re: Building Inspection Service (004) 2018-2022 Five Year Financial Plan

Director Martin, Finance Liaison

132-18 Moved: Director Martin Seconded: Director McGregor

Building Inspection Financial Plan

Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors (Finance) approve the Building Inspection Service (004) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018-2022 Five Year Financial Plan.

Carried.

G. Denkovski, General Manager of Finance

Re: Regional Solid Waste Management Service (010) Five Year Financial Plan

Director McGregor, Environmental Services Liaison

133-18 Moved: Director McGregor Seconded: Director Rotvold

Regional Solid Waste Management Financial Plan

Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors (Environmental Services) approve the Regional Solid Waste Management Service (010) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018-2022 Five Year Financial Plan.

Carried.

G. Denkovski, General Manager of Finance**Re: Big White Refuse Disposal Specified Area Service (064) Five Year Financial Plan**

Director McGregor, Environmental Services Liaison

134-18 Moved: Director McGregor Seconded: Director Gee

Big White Refuse Disposal Specified Area**Corporate Vote Weighted**

That the Regional District of Kootenay Boundary Board of Directors (Environmental Services) approve the Big White Refuse Disposal Specified Area Service (012) 2018-2022 Five Year Financial Plan.

FURTHER that the Plan be included in the overall RDKB 2018-2022 Five Year Financial Plan.

Carried.

B. Burget, General Manager of Finance**Re: Five Year Financial Plans Approval**

The General Manager of Finance provided updates on adjustments that were made to the following budgets:

- 058-Fire Protection - Kettle Valley
- 054-Fire Protection Big White
- 008-Boundary Economic Development
- 014-Electoral Area B/Lower Columbia-Old Glory Regional Parks, Trails and Recreation.

At a future date, staff will follow up with further information regarding 054-Fire Protection Big White.

135-18 Moved: Director Martin Seconded: Director McGregor

Five Year Financial Plans Approval**Corporate Vote Weighted**

That the Regional District of Kootenay Boundary Board of Directors (Finance) recommends approval of the following 2018 - 2022 Five Year Financial Plans and recommend that they be included in the overall Regional District of Kootenay Boundary 2018 - 2022 Five Year Financial Plan:

- 002 Electoral Area Administration
- 003 Electoral Area Grant - in - Aid
- 045 Area D Regional Parks and Trails
- 047 Heritage Conservation - Area D
- 053 Fire Protection - Beaverdell

- 054 Fire Protection - Big White
- 056 Fire Protection - Greenwood
- 057 Fire Protection - Grand Forks Rural
- 058 Fire Protection - Kettle Valley
- 065 Area E Regional Parks & Trails
- 074 Big White Security Services
- 075 Big White Noise Control
- 019 Beaver Valley Parks & Trails
- 020-011 Beaver Valley Arena
- 020-013 Beaver Valley Recreation
- 008 Boundary Economic Development

Carried.

M. Forster, Executive Assistant

Re: Statutory Requirements for Adoption of the RDKB 2018-2022 Five Year Financial Plan

The Board members discussed the purpose and value of the Statutory Requirements memo. Most Directors agreed that the memo is helpful for future use to recall information such as when individual budgets were approved by the RDKB Committees and which Committees are responsible for which budgets, and it was;

136-18 Moved: Director Martin Seconded: Director Worley

Statutory Requirements – Financial Plan Adoption

Corporate Vote Unweighted

That the staff report from Maureen Forster, Executive Assistant presenting the resolutions for the 2018 Budget / 2018-2022 Five Year Financial Plan as adopted by the individual Regional District of Kootenay Boundary Committees for the specific RDKB services / functions be received.

Carried.

B. Burget, General Manager of Finance

Re: Overall Financial Plan Approval

137-18 Moved: Director Martin Seconded: Director McGregor

Overall Financial Plan Approval

Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors (Finance) recommends approval of the 2018 - 2022 Five Year Financial Plan as presented.

Carried.

Communications-RDKB Corporate Communications Officer**F. Maika, Corporate Communications Officer****Re: Communication Survey Results-For Information**

The Corporate Communications Officer reviewed the RDKB Communications Survey questions and the survey results. A survey was sent to staff and the Board of Directors and a separate survey was offered to RDKB residents. She advised that to date, she has received 117 responses. This result is not a statistically valid sample-size, but does provide useful data.

F. Maika, Corporate Communications Officer**Re: Town Hall Recap**

The Corporate Communications Officer summarized the various activities that took place at the six Electoral Area Town Hall meetings. Each town hall meeting involved public participation with the public attendees using clickers to reply to five questions included in the power-point presentations. The Corporate Communications Officer provided the Board members with the results from the public responses.

There was a general discussion regarding town hall meetings and Director Gee shared the public concerns that were expressed at the Big White Town Hall meeting.

The Corporate Communications Officer spoke to the fact-slides that were included in the power-point presentations. She stated that the responses to the fact slides, especially to "What is the population of the RDKB?" offer a good indication of what people know and do not know about the RDKB. If the public does not know the RDKB's population, then there is a good indication that further communications should include some basic RDKB information.

It was noted that the clickers used at the town hall meetings were loaned to the RDKB from the Rural Development Institute (RDI), and it was;

138-18 Moved: Director McGregor Seconded: Alternate Director Parkinson

Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors instructs staff to send a letter to the Rural Development Institute thanking them for the use of the clickers at the RDKB Town Hall meetings.

Carried.

Chair Russell requested a report regarding the Cafe style (round table) town hall meeting format that was used at the Christina Lake Town Hall meeting where the public was able to move around to different tables and meet with staff from various departments. Director McGregor requested feedback from the staff who attended.

Communications (Information Only)**a) North Saanich-Feb 21/18****Re: Marihuana Addiction Treatment, Prevention and Education**

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- b) **Director Grieve-Feb. 15/18**
Re: Thank You Columbia Power Corporation Donation from Waneta Tailrace Improvement Project
- c) **UBCM-Feb. 6/18**
Re: 2017 Asset Management Planning Program
- d) **Town of Oliver-March 5/18**
Re: Paving Camp McKinney Rd-Oliver to Mt. Baldy Ski Area Village Parking Lot

139-18 Moved: Director McLellan Seconded: Director Rotvold

Corporate Vote Unweighted

That Communication Information Only items a) - d) be received. **FURTHER** that Communication Information Only Item d); correspondence from the Town of Oliver be referred to a future meeting of the RDKB Electoral Area Services Committee for further review.

Carried.

Reports

Monthly Schedule of Vendor Payments-Feb. 28/18

Director Martin, Finance Liaison

140-18 Moved: Director Martin Seconded: Director Worley

Corporate Vote Unweighted

That the Interim Schedule of Vendor Payments to February 28, 2018 in the amount of \$1,144,826.35 be received.

Carried.

Adopted RDKB Committee Minutes

141-18 Moved: Director Martin Seconded: Director Grieve

Corporate Vote Unweighted

That the following RDKB Committee minutes as adopted by the respective RDKB Committees during February 2018 be received:

Beaver Valley Regional Parks, Trails and Recreation (Jan. 2/18), East End Services (Jan. 9/18), Policy and Personnel (Jan. 10/18), Utilities (Jan. 10/18) and Electoral Area Services (Jan. 11/18).

Carried.

Adopted RDKB Recreation Commission Minutes

Christina Lake Recreation Commission-Jan. 10/18 and Feb. 14/18

Grand Forks and District Recreation Commission - Jan. 11/18

142-18 Moved: Director McGregor Seconded: Director Worley

Corporate Vote Unweighted

That the following RDKB Recreation Commission minutes be received:

Christina Lake Recreation Commission-January 10 and February 14, 2018.
Grand Forks and District Recreation Commission-January 11, 2018

Carried.

Draft RDKB Electoral Area Advisory Planning Commission Minutes-Feb. 5 and Feb 6, 2018

143-18 Moved: Director McGregor Seconded: Director Gee

Corporate Vote Unweighted

That the following draft minutes of the RDKB Advisory Planning Commission meetings held February 5 and 6, 2018 be received:

Electoral Area 'C'/Christina Lake (Feb. 6/18), Electoral Area 'D'/Rural Grand Forks (Feb. 6/18),
Electoral Area 'E'/West Boundary (Feb.5/18) and Electoral Area 'E'/West Boundary-Big White (Feb.
6/18).

Carried.

Public Hearing Minutes-Electoral Area 'B'/Lower Columbia-Old Glory

**RE: Proposed OCP Amendment Bylaw No. 1632 and
Proposed Zoning Amendment Bylaw No. 1633**

Director Worley noted that one of the last paragraphs at the bottom of page 2 of the public hearing minutes needs to be corrected by removing reference to Director Grieve and replacing the text with "Director Worley, and it was;

144-18 Moved: Director Worley Seconded: Director McGregor

Corporate Vote Unweighted

That the minutes of the Public Hearing held February 21, 2018 for proposed Bylaw No. 1632 to amend Electoral Area 'B'/Lower Columbia-Old Glory Official Community Plan Bylaw No. 1470 and proposed Bylaw No. 1633 to amend Electoral Area 'B'/Lower Columbia-Old Glory Zoning Bylaw No. 1540 be received as amended.

Carried.

Monthly Committee Recommendations to Board of Directors

The RDKB Committee recommendations as adopted by the RDKB Committees during February and March are presented for consideration.

Policy and Personnel Committee - Feb. 14/18

Re: Zero Waste Policy

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145-18 Moved: Director Rotvold Seconded: Director McGregor

Zero Waste Policy

Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors continue to defer updating the Zero Waste Policy until the 2006 Solid Waste Management Plan has been updated and at which time the Policy will be aligned with the Plan. **FURTHER** that the Solid Waste Management Plan Committee convene in support of organics waste in a timely manner.

Carried.

Boundary Community Development Committee-March 7/18

**Re: Grand Forks and District Aquatic Centre and Jack Goddard Memorial Arena
UBCM Application for Facility Condition Assessment**

146-18 Moved: Director McGregor Seconded: Director Worley

Facility Condition Assessment

Corporate Vote Unweighted

That the Regional District of Kootenay Boundary Board of Directors approve the application to the Union of BC Municipalities for the Facility Condition Assessment of the Grand Forks and District Aquatic Centre and Jack Goddard Memorial Arena. **FURTHER** that the Board agrees to commit up to \$15,000 in the event the application for the UBCM Asset Management Planning Program is successful.

Carried.

Boundary Community Development Committee-March 7/18

Re: Big White Community Development Association Funding Agreement

147-18 Moved: Director Gee Seconded: Alternate Director Parkinson

Big White Mountain Community Development Grant Funding Agreement

Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors approves the Grant Funding Agreement between the RDKB and the Big White Mountain Community Development Association to establish conditions associated with the RDKB funding of a Community Development Officer for the Big White Community.

Carried.

New Business

**Kettle Valley Food Coop Application to Grand Forks Credit Union/Phoenix Foundation
Grant Opportunities-RDKB as CRA Application Sponsor**

148-18 Moved: Director McGregor Seconded: Director Martin

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CRA Sponsorship-Kettle Valley Food Coop**Corporate Vote Unweighted**

That the Regional District of Kootenay Boundary Board of Directors approves assuming the role of CRA Sponsor on behalf of the Kettle Valley Food Coop for the submission of an application to the Grand Forks Credit Union/Phoenix Foundation grant opportunity to assist with funding for the purchase of a point of sale system.

Carried.

Director Cecchini left the meeting teleconference (time: 7:25 p.m.)

**Boundary Association for Applied Science and Innovative Technologies (BAASIT)
Application to Grand Forks Credit Union/Phoenix Foundation Grant Opportunities**

Chair Russell explained the purpose of BAASIT and explained the similarities to the MIDAS Fab Lab located in Trail, and it was;

149-18 Moved: Director McGregor Seconded: Director Rotvold

CRA Sponsorship - BAASIT**Corporate Vote Unweighted**

That the Regional District of Kootenay Boundary Board of Directors approves assuming the role of CRA Sponsor on behalf of the Boundary Association for Applied Science and Innovative Technologies for the submission of an application to the Grand Forks Credit Union/Phoenix Foundation grant opportunity for funding to assist with the purchase of a 3-D printer for training and educational purposes. **FURTHER** that the Boundary Association for Applied Science and Innovative Technologies be invited to attend a future meeting of the Boundary Community Development Committee.

Carried.

It was noted that location of the 3-D printer at the Grand Forks Library has been discussed.

M. Andison, CAO

Re: Bylaw Contravention-Electoral Area E/West Boundary

A staff report from Mark Andison, CAO, regarding a Building Bylaw Contravention on the property described as:

400-7470 Porcupine Road, Big White, B.C.-Electoral Area 'E' / West Boundary

Parcel Identifier: 016-300-246

Strata Lot 39 District Lot 4109S Similkameen Division Yale District Strata Plan K838

Owner: Figure Ski Enterprises Inc.

150-18 Moved: Director McGregor Seconded: Director Worley

Stakeholder Vote (Electoral Area Directors) Unweighted

That the Regional District of Kootenay Boundary Board of Directors direct the Chief Administrative Officer to file a Notice in the Land Title Office pursuant to Section 302 of the Local Government Act

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Board of Directors

March 14, 2018

and Section 57 of the Community Charter against the property legally described as Strata Lot 39, District Lot 4109S, Similkameen Division Yale District, Strata Plan K838.

Carried.

T. Dueck, Solid Waste Program Coordinator

Re: Updating the Status of Stewardship Programs in the RDKB

Director McGregor, Environmental Services Liaison

It was noted that the residents of the RDKB now receive some of the most comprehensive curbside collection services of any rural district in BC. Director McGregor stated that she would like the Board to have more opportunity to discuss recycling services, recycling issues overall and future lobby efforts for improvements to the stewardship programs.

151-18 Moved: Director McGregor Seconded: Director McLellan

Stewardship Programs

Corporate Vote Unweighted

That the staff report from T. Dueck, Solid Waste Program Coordinator regarding Stewardship Programs in the RDKB be received.

Carried.

G. Denkovski, Manager of Infrastructure and Sustainability

Re: Gas Tax Application - Area 'E' / West Boundary Westbridge Community Hall Upgrades

152-18 Moved: Director Gee Seconded: Director Worley

Westbridge Recreation Society-Gas Tax Application

Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors approves the Gas Tax application submitted by the Westbridge Recreation Society and the allocation of Gas Tax funding in the amount of \$7,566.70 from Electoral Area 'E' / West Boundary for the costs associated with upgrades at the Westbridge Community Hall. **FURTHER**, that the Board authorizes the RDKB signatories to sign and enter into the agreement.

Carried.

G. Denkovski, Manager of Infrastructure and Sustainability

Re: Gas Tax Application - Area 'E' / West Boundary Bridesville Community Hall

153-18 Moved: Director Gee Seconded: Director Worley

Bridesville Community Club-Gas Tax Application

Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors approves the Gas Tax application submitted by the Bridesville Community Club and the allocation of Gas Tax funding in the amount of \$70,000 from Electoral Area 'E' / West Boundary for the costs associated with an addition to the

Bridesville Community Hall. **FURTHER** that the Board authorizes the RDKB signatories to sign and enter into the agreement.

Carried.

D. Derby, Regional Fire Chief/Fire Dispatch Manager

Re: Bell Media Renewal License Agreement-Big White Repeater Site

154-18 Moved: Director Martin Seconded: Director Rotvold

Site License Agreement-Big White Repeater Tower

Corporate Vote Weighted

That the Regional District of Kootenay Boundary Board of Directors approve the license agreement renewal/extension for repeater site equipment and shelter between Bell Media Inc and the Regional District Kootenay Boundary for a term that expires September 14, 2018. **FURTHER** that the Regional District Kootenay Boundary will make payment to Bell Media Inc. a license fee of \$306.00 for each month of the agreement plus any applicable federal and or provincial sales tax according to the schedule set out in Appendix 'A' of the agreement. **FURTHER** that the Regional District Kootenay Boundary Board of Directors approves execution of the agreement.

Carried.

Grants-In-Aid

155-18 Moved: Director Grieve Seconded: Director McGregor

Stakeholder Vote (Electoral Area Directors) Weighted

That the following grants-in-aid be approved:

1. Community Futures Development Corp. Greater Trail-Electoral Area 'A'-\$500
2. Special Olympics B.C. -Trail-Electoral Area 'A'-\$500
3. Champion Lakes Golf Course-Electoral Area 'A'-\$1,000
4. Beaver Valley Golf & Recreation Society-Electoral Area 'A'-\$210
5. JL Crowe Secondary School-Electoral Area 'A'-\$750
6. JL Crowe Secondary School-Electoral Area 'B'-\$750
7. Special Olympics B.C.-Trail-Electoral Area 'B'-\$2,500
8. Christina Lake Stewardship Society-Electoral Area 'C'-\$1,785.95
9. Christina Lake Stewardship Society-Electoral Area 'C'-\$1,500
10. Christina Lake Stewardship Society-Electoral Area 'C'-\$2,500
11. Christina Lake Stewardship Society-Electoral Area 'C'-\$500
12. Little Lakers Learning Centre Society-Electoral Area 'C'-\$2,500
13. British Columbia Conservation Foundation-Electoral Area 'D'-\$500
14. Boundary Musical & Theatre Society-Electoral Area 'D'-\$500
15. Boundary Wood Workers Guild-Electoral Area 'D'-\$1,000
16. Rotary Club of Grand Forks-Electoral Area 'D'-\$2,000

Carried.

Bylaws

T. Lenardon, Manager of Corporate Administration/Corporate Officer
Bylaw No. 1663-Amending Grand Forks and District Local Service Transit Service
Establishment Bylaw No. 672

Adoption

156-18 Moved: Director McGregor Seconded: Director Konrad

Stakeholder Vote (Electoral Area 'D'/Rural Grand Forks, Electoral Area 'E'/West Boundary, Cities of Grand Forks and Greenwood) Weighted

That Regional District of Kootenay Boundary Grand Forks and District Transit Service Local Service Establishment Amendment Bylaw No. 1663, 2018 be Reconsidered and Adopted.

Carried.

T. Lenardon, Manager of Corporate Administration/Corporate Officer
Re: Proposed Bylaw No. 1622 Electoral Area Director Remuneration Amending
Remuneration Bylaw No. 1526-Increase Remuneration and Expense Allowance

Director McLellan noted his concerns with the increases in the Electoral Area Directors' monthly stipend and travel allowances. Director Gee noted that there have been no increases for five years.

First, Second and Third Readings

157-18 Moved: Director Worley Seconded: Director McGregor

Stakeholder Vote (Electoral Area Directors) Weighted

That Regional District of Kootenay Boundary Electoral Area Directors Remuneration Bylaw No. 1622 be given First, Second and Third Readings.

Carried.

Adoption

158-18 Moved: Director Worley Seconded: Director McGregor

Stakeholder Vote (Electoral Area Directors) Weighted

That Regional District of Kootenay Boundary Electoral Area Directors Remuneration Bylaw No. 1622 be Reconsidered and Adopted.

Carried.

G. Wiebe, Engineering and Safety Coordinator
Re: Bylaw 1662-BV Water Service Establishment Amendment
(Remove a Property from Service Area Boundaries)

First, Second and Third Readings

159-18 Moved: Director Grieve Seconded: Director Martin

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Corporate Vote Unweighted

That Regional District of Kootenay Boundary Beaver Valley Water Service Establishment Amendment Bylaw No. 1662, 2018 be read a First, Second and Third Time.

Carried.

The Manager of Infrastructure and Sustainability advised that the amount of the 2018 parcel tax that was paid will be reimbursed back to the property owner.

Late (Emergent) Items

There were no late items to discuss.

Discussion of Items for Future Meetings

There were no items for future meetings.

Question Period for Public and Media

Chair Russell provided the Media in attendance an opportunity to ask questions. The Media advised they had no questions.

Closed (In Camera) Session

A closed meeting was not required.

Adjournment

There being no further business to discuss, the meeting was adjourned (time: 7:39 p.m.)

TL



Committee/Board Delegation and Presentation Form

Names of all persons who will be speaking & position titles (if relevant) must be included. Name of organization you are representing is also required.		Name(s): Johnny Strilaeff, CEO, Columbia Basin Trust	
Subject of delegation (What information will be presented?)		Trust Annual Report Presentation	
What is the purpose of delegation? (Please check where appropriate):	Information Only	yes	
	Letter of Support Request		
	Funding Request		
	Other (please provide details): 		
Contact Person		Jane Medlar, Executive Assistant	
Telephone:	250.304.1620	Email:	jmedlar@cbt.org
Meeting Date Requested:	December 13, 2017 (Trail)		
Technical Requirements: Will you be using a power-point presentation?	YES Yes	NO	If yes, you are required to submit the presentation before the meeting as well as bringing it to the meeting on a memory stick.
The Regional District is not responsible for software incompatibility. The Regional District utilizes Microsoft Office products. If you will be using power-point, you are requested to bring your own laptop and a VGA/9-pin or HDMI connection. If you do not have a laptop, contact the Manager of Corporate Administration to make alternative arrangements.			
<p align="center">For more information, please contact: Manager of Corporate Administration 202-843 Rossland Avenue Trail, BC V1R 4S8 Phone: 250-368-9148 Toll Free: 1-800-355-7352 Fax: 250-368-3990 Email: tlenardon@rdkb.com</p>			

To facilitate effective delegations:

1. The Manager of Corporate Administration will forward your request to the RDKB Board Chair for approval.
2. There may be a case where the Chair will not approve your delegation request and therefore, you may not be able to appear before the Board on the day requested. The Manager of Corporate Administration will confirm with you whether your request has been approved by the Board Chair.
3. Once your delegation request has been approved, you must submit your power-point presentation and or handouts to the Manager of Corporate Administration prior to the Board meeting. The Manager of Corporate Administration will provide you with the appropriate instructions.
4. A delegation may be comprised of numerous individuals, however only 1-2 members of your delegation will be allowed to speak. You should appoint a speaker(s) ahead of time and you must include this information on this form before you return it to the Manager of Corporate Administration.
5. You will be permitted 10-minutes to make your presentation. It does not matter how many people speak. The name of the person and or group appearing before the Board will be published in the agenda and available to the public.
6. Direct all comments to the RDKB Board Chair.
7. Do not expect an immediate answer. The Board may wish to have further investigation or time to consider the matter.
8. At no time will a delegation be allowed to present information regarding a bylaw which a Public Hearing has been held, or where a Public Hearing is required under an enactment as a prerequisite to the adoption of the bylaw.
9. At no time will a delegation be allowed to present a matter for the purpose of discussion that is to be dealt with as a grievance under a collective agreement.

I understand and agree with the terms and conditions of my request to appear as a delegation:

Jane Medlar

Name of Delegate/Group Representative

September 29, 2017

Date

Signature

For Office Use Only

Attending at request of the Board

Requesting attendance to present information and or to request letter and or funding support.

Referred to Chair:

Date

Approved

Declined

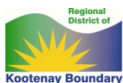
If declined provide explanation:

Date of delegation (if applicable):

Applicant informed of decision:

Manager of Corporate Administration

Date



Committee/Board Delegation and Presentation Form

Names of all persons who will be speaking & position titles (if relevant) must be included. Name of organization you are representing is also required.		Name(s): Rachael Roussin, Program Coordinator for the Kootenay & Boundary Farm Advisors program	
Subject of delegation (What information will be presented?)		Overview of the Kootenay & Boundary Farm Advisors Program	
What is the purpose of delegation? (Please check where appropriate):		Information Only <input checked="" type="checkbox"/>	
		Letter of Support Request	
		Funding Request	
		Other (please provide details): 	
Contact Person		Rachael Roussin	
Telephone:	250-231-2034	Email:	coordinator@kbfa.ca
Meeting Date Requested:	February 14		
Technical Requirements: Will you be using a power-point presentation?	YES	NO <input checked="" type="checkbox"/>	If yes, you are required to submit the presentation before the meeting as well as bringing it to the meeting on a memory stick.
The Regional District is not responsible for software incompatibility. The Regional District utilizes Microsoft Office products. If you will be using power-point, you are requested to bring your own laptop and a VGA/9-pin or HDMI connection. If you do not have a laptop, contact the Manager of Corporate Administration to make alternative arrangements.			
For more information, please contact: Manager of Corporate Administration 202-843 Rossland Avenue Trail, BC V1R 4S8 Phone: 250-368-9148 Toll Free: 1-800-355-7352 Fax: 250-368-3990 Email: tlenardon@rdkb.com			
To facilitate effective delegations:			

Please note that this document will be included on a public agenda and therefore any personal information included will be visible to the public. Please contact the Manager of Corporate Administration/Corporate Officer with any questions or concerns regarding Freedom of Information and Protection of Privacy.

**Board & Committee Delegation Request
(Excerpt from Board Presentation Policy) Page 1 of 2**

1. The Manager of Corporate Administration will forward your request to the RDKB Board Chair for approval.
2. There may be a case where the Chair will not approve your delegation request and therefore, you may not be able to appear before the Board on the day requested. The Manager of Corporate Administration will confirm with you whether your request has been approved by the Board Chair.
3. Once your delegation request has been approved, you must submit your power-point presentation and or handouts to the Manager of Corporate Administration prior to the Board meeting. The Manager of Corporate Administration will provide you with the appropriate instructions.
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5. You will be permitted 10-minutes to make your presentation. It does not matter how many people speak. The name of the person and or group appearing before the Board will be published in the agenda and available to the public.
6. Direct all comments to the RDKB Board Chair.
7. Do not expect an immediate answer. The Board may wish to have further investigation or time to consider the matter.
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9. At no time will a delegation be allowed to present a matter for the purpose of discussion that is to be dealt with as a grievance under a collective agreement.

I understand and agree with the terms and conditions of my request to appear as a delegation:

Name of Delegate/Group Representative

Date

Signature

For Office Use Only

Attending at request of the Board _____

Requesting attendance to present information and or to request letter and or funding support. _____

Referred to Chair:

Date

Approved

Declined

If declined provide explanation:

Date of delegation (if applicable):

Applicant informed of decision:

Manager of Corporate Administration

Date

Please note that this document will be included on a public agenda and therefore any personal information included will be visible to the public. Please contact the Manager of Corporate Administration/Corporate Officer with any questions or concerns regarding Freedom of Information and Protection of Privacy.

**Board & Committee Delegation Request
(Excerpt from Board Presentation Policy) Page 2 of 2**



NEWS RELEASE

August 2, 2017

NEW PROGRAM HELPS AGRICULTURE GROW

(Columbia Basin & Kootenay Boundary) - Agricultural producers in the region now have access to a new service offering technical support and expertise to help them succeed. Kootenay and Boundary Farm Advisors is a free service that is launching this summer.

The regional districts of Central Kootenay, Kootenay Boundary and East Kootenay have partnered with Columbia Basin Trust to provide the service. The new program offers agricultural expertise to producers to improve the efficiency, productivity and viability of their farming or ranching operations.

The services are free and open to agricultural producers working towards commercial viability in the regional districts and Columbia Basin Trust region. Services include expert advice on topics such as irrigation, pest control, production, water, soil, climate change and research.

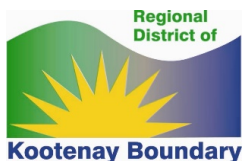
"The program is active now with work building up to full services next spring," explains Rachael Roussin, program coordinator. "Producers can now sign up and share their challenges, helping us connect them to appropriate technical expertise and develop workshops and educational opportunities."

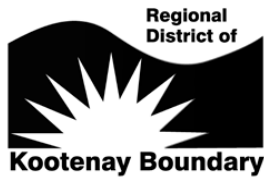
The Kootenay and Boundary Farm Advisors program evolved out of the work of the Regional Agricultural Liaison Services that the regional districts and the Trust collaborated on.

Keefer Ecological Services Ltd. (KES) has been awarded the Kootenay & Boundary Farm Advisors contract. KES has expertise in sustainable agriculture and a breadth of experience in agricultural program development and management, which includes providing extension services.

To sign up or learn more about Kootenay and Boundary Farm Advisors services, visit the KBFA website at www.kbfa.ca or call 1-800-958-7174.

Media contact: Rachael Roussin, Program Coordinator. 778-771-5851 or coordinator@kbfa.ca.





STAFF REPORT

Date:	February 7, 2018	File #:	C-317-02578.100
To:	Chair Russell and Members of the Board of Directors		
From:	Ken Gobeil, Planner		
RE:	Development Variance Permit Application - Preston		

ISSUE INTRODUCTION

The RDKB has received an application to reduce the minimum size requirement for a residence in Electoral Area 'C'/Christina Lake (see Site Location Map; Subject Property Map; Applicant Submission).

HISTORY / BACKGROUND INFORMATION

Property Information	
Owner(s):	Denise Preston
Location:	90 West Lake Drive, Christina Lake
Electoral Area:	Electoral Area 'C' / Christina Lake
Legal Description(s):	Lot 21, Plan KAP23397, DL 317, SDYD
Area:	0.12 hectares (0.306 acres)
Current Use(s):	Single Family Dwelling
Land Use Bylaws	
OCP Bylaw No. 1250	Residential
Zoning Bylaw No. 1300	Single Family Residential 1 (R1)
Development Permit Area	NA

The subject property is on the north side of West Lake Drive between Wolverton Road and Neimi Road. There is currently a modular home and detached garage on the property (see Site Location Map; Subject Property Map).

PROPOSAL

The applicant is proposing to convert an existing garage into a secondary suite. The existing structure is only 35.7m² which does not meet the minimum floor area requirement for a dwelling unit. Section 308 of the Zoning Bylaw requires all dwelling units be a minimum of 60m².

The applicant proposes a minimum floor area variance of 24.3m² from 60m² to 35.7m² (see, *Applicants' Submission*).

IMPLICATIONS

Secondary suites are a permitted secondary use within the R1 Zone. Within the Zoning Bylaw, secondary suites are defined as an additional dwelling unit. Section 308 of the Zoning Bylaw sets a 60m² minimum floor area for dwelling units. Section 324 of the Zoning Bylaw regulates secondary suites to be a maximum of 90m² or 40% of the floor area of the single family dwelling on the property, whichever is less.

The single family dwelling on the property is a permitted principal use, and is 97.7m². The proposed secondary suite at 35.7m² which is approximately 37% of the principal dwelling and compliant with the other provisions of the Zoning Bylaw.

In considering applications for Development Variance Permits, the RDKB generally considers whether the proposed variance will:

- a) Resolve a hardship;
- b) Improve the development;
- c) Cause negative impacts to the neighbouring properties.

In response to these, the applicant has provided the following points:

- a) No hardship was noted, although the single family dwelling would have to be expanded to meet both the 60m² requirement.
- b) The proposed accessory building will be renovated and improved upon. This includes interior renovations.
- c) As an existing structure, there would be no negative impacts made by repurposing it.

Minimum Floor Area

The last application for a variance regarding minimum floor area was in July 2006 for a boat access parcel on the west side of Christina Lake. The Electoral Area 'C' Zoning Bylaw 900, 1996 was in effect at the time. The minimum floor area requirement was also 60m², which was carried into the current bylaw when it was implemented in 2007.

The APC recommended the 2006 application be approved and also asked the Planning Department why a minimum floor area was included in the Zoning Bylaw. The Planning Department volunteered to review this section of the bylaw when drafting the new zoning bylaw that was implemented in 2007. Records show that the minimum floor area

was reviewed by the Electoral Area 'C'/Christina Lake APC when the Planning Department drafted the current Zoning Bylaw but remained in the revised zoning bylaw. This provision may have been included over time in order to provide a form of control for form and character of residences.

With current trends towards smaller homes including secondary suites, and the increasing popularity of 'tiny homes' it is likely that the minimum floor area requirement for dwellings will be reviewed again. The Christina Lake Zoning Bylaw is scheduled to be reviewed and updated in the near future.

ADVISORY PLANNING COMMISSION (APC)

The applicant attended the February 6, 2018 APC meeting to answer any questions. The APC supported the variance application.

During the meeting, the APC made a separate resolution recommending the minimum dwelling size requirement be removed from the Zoning Bylaw, although not all members were in agreement.

ELECTORAL AREA SERVICES (EAS) COMMITTEE

During the February 15, 2017 the EAS Committee made the following resolution.

That the Development Variance Permit application submitted by Denise Preston to reduce the minimum floor area requirement for a dwelling unit from 60m² to 35.7m² – a 24.3m² variance, in order to convert an existing garage into a secondary suite, on the property legally described as Lot 21, Plan KAP23397, DL 317, SDYD, Electoral Area 'C'/Christina Lake be presented to the Board of Directors for consideration, with a recommendation of support.

PLANNING AND DEVELOPMENT DEPARTMENT COMMENTS

Comments from the APC will be kept for the review of the Christina Lake Zoning Bylaw. Currently the Official Community Plan for Christina Lake is under review.

RECOMMENDATION

That the Regional District of Kootenay Boundary Board of Directors approves the Development Variance Permit application submitted by Denise Preston to reduce the minimum floor area requirement for a dwelling unit from 60m² to 35.7m² – a 24.3m² variance, in order to convert an existing garage into a secondary suite, on the property legally described as Lot 21, Plan KAP23397, DL 317, SDYD, Electoral Area 'C'/Christina Lake.

ATTACHMENTS

Site Location Map
Subject Property Map
Applicant Submission

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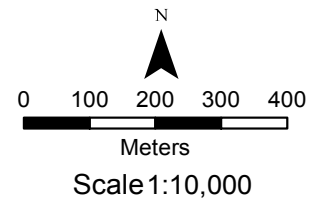
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Date: 2018/02/01

Site Location Map

Lot 21, Plan KAP23397, District Lot 317
Similkameen Div of Yale Land District
Manufactured Home Reg.# 67450



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APPLIANT SUBMISSION

The space below is provided to describe the proposed development. Additional pages may be attached.

As the new owner of the subject property, I wish to convert the existing 16'x24" (35.7m²) detached garage into a Secondary Suite.

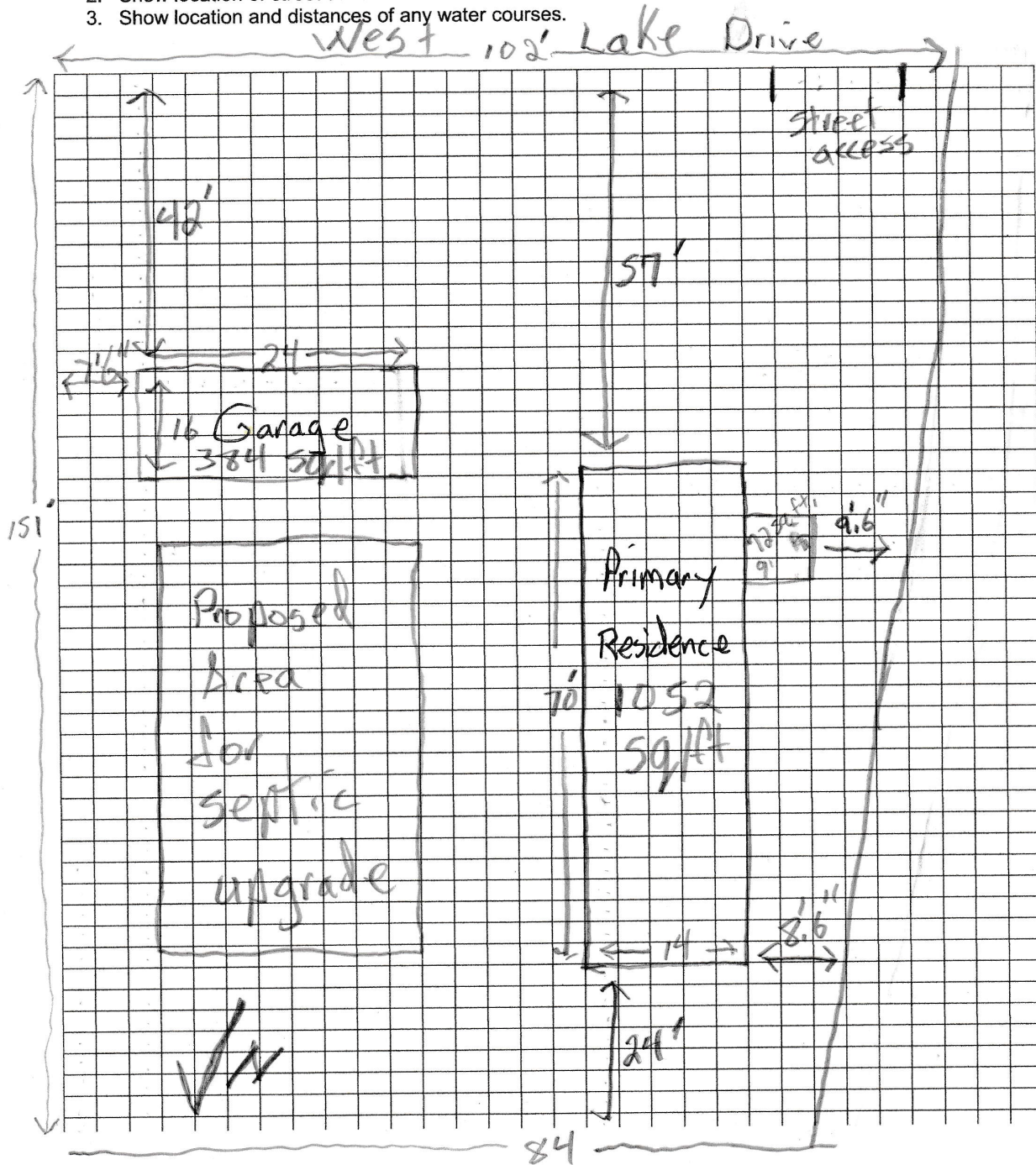
I have been advised by the Building Inspector that the existing garage of 35.7m^2 does not meet the minimum size for a dwelling unit of 60m^2 .

I, therefore, request a Variance from the requirements of Section 308 minimum floor area, to permit the conversion of my 35.7m² garage into a Secondary Suite.

APPLIANT SUBMISSION

BUILDING SITE PLAN

1. Draw proposed location of home or building on space provided below, and show distances to all PROPERTY LINES. Also, show north arrow.
2. Show location of street access and names of streets.
3. Show location and distances of any water courses.



From: Susan Chalmers
To: [Theresa Lenardon](#)
Subject: Request to Include BCMCLC Workshop on March 27 RDKB Board Meeting Agenda
Date: February-27-18 11:08:59 AM
Attachments: [AKBLG Workshop Description.docx](#)

Good morning,

On behalf of the BC Municipal Climate Leadership Council, the Community Energy Association would like to request that the BCMCLC workshop taking place immediately following the AKBLG Convention be added to the next board meeting agenda as an information only item. I have attached a one page word document describing the workshop and how to register. I look forward to hearing from you regarding whether this will be included on the March 27 agenda.

Thank you in advance for your consideration.

Kind Regards,
Susan

Susan Chalmers, Administrator



Facilitators of the BC Municipal Climate Leadership Council

Tel: (604) 628-7076 | Mobile: (778) 871-2711

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High Impact Leadership on Climate Action Workshop



Building on the recent success of the *Climate Leadership Institute* (www.bcmclc.ca/CLI), the BC Municipal Climate Leadership Council is hosting the **High Impact Leadership on Climate Action** workshop immediately after the AKBLG AGM & Convention on **April 20 from 1:30-4:00 pm at the Park Place Lodge**. This workshop will tailor sessions from CLI for locally elected officials attending this AKBLG event.

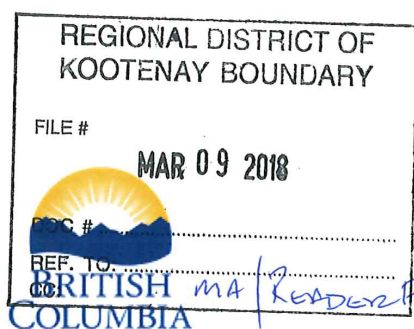
Join Travis Streb, a leadership and communications coach with High Impact Lab, for an interactive session on communicating with conviction, building support for climate action, communicating during emergencies, and the need for high impact leadership.

Learn about effective programs and policies for climate change and energy action from Megan Lohmann, Community Energy Manager for RDEK, and Trish Dehnel, Senior Energy Specialist for RDCK. Find out how BC Energy Step Code adoption, green building rebates, solar gardens, electric vehicle strategies, and community outreach programs can be adapted to communities of all sizes and locations.

Small discussion groups will focus on leadership as well as tools and next steps to help elected officials lead their community into a green future.

To register for this event, visit <https://clifernie.eventbrite.ca>. The workshop is free but seating is limited. Please contact Janice Keyes of the Community Energy Association at 604-628-7076, ext. 705 or jkeyes@communityenergy.bc.ca for any questions about BCMCLC or the workshop.





March 6, 2018

RE: Update on the Working Group on Responsible Conduct

Dear Mayor and Council, Chair and Board and Chief Administrative Officers:

This letter provides an update on the status of the work being undertaken by the Working Group on Responsible Conduct (Working Group).

Responsible conduct -- which broadly refers to how local government elected officials conduct themselves with their elected colleagues, with staff, and with the public -- continues to be an important topic of interest in British Columbia. In fall 2016, the Working Group was formed to better understand issues related to responsible conduct and to explore how British Columbia's responsible conduct framework could be further strengthened. The Working Group is a staff level committee with members from the Union of British Columbia Municipalities (UBCM), the Local Government Management Association (LGMA) and the Ministry of Municipal Affairs and Housing (MAH).

At the 2017 UBCM Convention, UBCM members endorsed a policy paper prepared by the Working Group that included several recommendations to strengthen British Columbia's responsible conduct framework. The Working Group has since been collaboratively working to start implementing the recommendations.

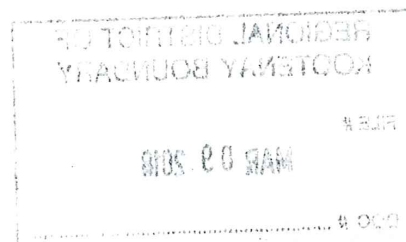
Foundational principles of responsible conduct are now available for use

As its first priority, the Working Group has identified and defined four foundational principles -- *integrity, accountability, respect, and leadership and collaboration* -- that can be used as a resource to guide the conduct of both individual elected officials and the collective council/board. While the principles are already reflected in the actions of elected officials in communities across British Columbia, they will be of real value in enhancing everyone's shared understanding of expectations around responsible conduct.

We encourage each of you to use these principles by integrating them into your everyday actions, as well as your governments' policies and practices, as you see fit. As a start, for instance, there may be value in including these principles in information materials for prospective candidates, and in orientation materials for when new councils and boards are elected after October 2018.

Working Group members have begun to integrate the foundational principles into resources, such as education materials for the 2018 general local elections, and will continue to incorporate them into other guidance materials as opportunities arise. The LGMA will also be working with its members to determine how the foundational principles could be further embedded into other local government documents, such as oaths of office, procedure bylaws, and existing codes of conduct, in advance of the 2018 elections.

.../2



Moving towards developing a code of conduct framework

Moving forward, the Working Group will be focusing on developing a code of conduct framework – that means thinking not just about the content of a code of conduct but also about the mechanisms for implementing such a code.

Developing this framework needs to be done thoughtfully and carefully – it will involve a number of important design choices along the way as important questions are considered about, for example, how a code of conduct is reviewed and adopted, how a code of conduct is enforced, and what happens if it is breached. We know from UBCM's and LGMA's consultations with members in spring 2017 that while there is agreement that a code of conduct framework would be useful in enhancing responsible conduct, there is not yet any consensus on the specific design for such a framework.

The Working Group will be focusing on developing the content of a "default" or "model" code of conduct -- which could be of real value as new and returning elected officials come together after the October 2018 elections -- while starting to identify the many design questions that will need to be answered as the complete framework is developed. Input on this work will be sought from UBCM and LGMA members -- specifically about code of conduct content -- in the next few months. For the 2018 UBCM Convention, the Working Group is also aiming to have prepared a critical path of key questions and considerations for the development of a code of conduct framework.

We very much appreciate the collaborative work undertaken by the Working Group to date and expect that the code of conduct framework will be developed thoughtfully, and will lead to an approach that respects the autonomy of local governments, is supported by elected officials and provides confidence for the public.

We look forward to the Working Group's ongoing collaboration to further strengthen responsible conduct and support the good governance of local governments in British Columbia.

If you have any questions about the Working Group's activities, please contact any of the member organizations.

Sincerely,

Selina Robinson
Minister of Municipal Affairs & Housing
LGgovernance@gov.bc.ca
250 387-4020

Wendy Booth
President, UBCM
UBCM@UBCM.ca
604 270-8826

Patti Bridal
President, LGMA
office@lgma.ca
250 383-7032



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March 5, 2018

Chair Roly Russell
Kootenay Boundary Regional District
202 – 843 Rossland Avenue
Trail, BC V1R 4S8

**REGIONAL DISTRICT OF
KOOTENAY BOUNDARY**

FILE #

MAR 07 2018

DOC #

REF. TO:

CC: RR/MA/DD

Addressing the need for a concerted approach to the oversight of road rescue services, Emergency Management British Columbia (EMBC) has provided funding to the Fire Chiefs' Association of British Columbia (FCABC) to research and develop a proposed framework providing governance for the provision of road rescue within the province.

The proposed framework will assist EMBC in ensuring an acceptable and sustainable level of service is provided by road rescue service providers in British Columbia.

Many local governments are stakeholders in the provision of road rescue outside their municipal boundaries. Local Governments are encouraged to actively participate in the information gathering segment of the project to ensure all issues, service delivery models, reimbursement process, rates of reimbursement, plus safety, WorkSafeBC compliance, and other concerns for the provision of road rescue service will be included. The stakeholder groups will include, but not be limited to, provincial and local government agencies, existing service providers, fire departments, police agencies the BC Ambulance Service (BCAS) and EMBC.

The Road Rescue Equipment and Governance Framework information gathering process is not intended to intimidate, criticize or reduce the service but rather the intention is to gather information on how the current service is structured and provided so improvements can be implemented.

The desired outcome of increased Public Safety will be attained through patience, respect, accountability, and the sharing of information between all current and future participants striving to achieve continuous improvement of road rescue services within British Columbia.

Information from concerned parties is solicited, and participants offering information will have their opinions valued, and respected, along with appreciation of their time as they contribute information or provide comments.

BACKGROUND

In British Columbia, there is no legislated requirement to have a fire department. It is purely a local government decision to establish and support a fire department. Likewise, there is no legislated requirement for road rescue in support of the BCAS, the Coroner Service, and the RCMP who, do have a provincial mandate to provide services.

EMBC created the Road Rescue Safety Program Guide¹ in 2009 and has policy 2.07 Road and Medical Rescue² in place for out-of-district response where no local government service coverage is available. EMBC is very strict in its interpretation of this policy and assumes no responsibility for establishing road rescue services under the **Emergency Program Act**³. EMBC does, however, provide some operational cost recovery to road rescue service providers who are registered with them and have the appropriate equipment and maintain a training and skills maintenance program to a recognized standard.

Many municipalities, regional districts, and improvement districts have chosen to provide road rescue inside their established fire department service areas (in-district) and fund the service through local taxation. Often these fire departments respond to accidents out of their district when requested by the RCMP or the BCAS. In some areas of the Province road, rescue services are provided by other agencies even if there is an established fire department. These other providers include Rescue Societies, and Search and Rescue Groups.

As an elected official responsible for setting policy for the fire department in your community, you may have an interest in this matter. If you have comments on the oversight, administration, and provision of road rescue in the rural areas of the Province outside of your jurisdiction, we would like to hear from you.

Please send your comments to glen@firewiseconsulting.com or davelferguson@shaw.ca or by fax to 250-929-7334.

Thank you.

Sincerely,

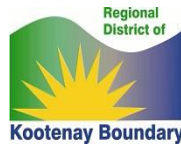


Glen Sanders
President

¹Source: https://www2.gov.bc.ca/assets/gov/public-safety-and-emergency-services/emergency-preparedness-response-recovery/embc/volunteers/road_rescue_safety_program_guide.pdf

²Source: https://www2.gov.bc.ca/assets/gov/public-safety-and-emergency-services/emergency-preparedness-response-recovery/embc/policies/207_road_and_medical_rescue_policy_aug_2016.pdf

³ http://www.bclaws.ca/EPLibraries/bclaws_new/document/ID/freeside/00_96111_01



**Boundary Community Development Committee
Minutes
Wednesday, February 7, 2018
RDKB Board Room, Grand Forks, BC**

Committee members present:

Director R. Russell, Chair
Director G. McGregor
Director M. Rotvold
Director V. Gee
Director E. Smith
Director F. Konrad

Staff and others present:

M. Andison, Chief Administrative Officer
M. Forster, Executive Assistant/Recording Secretary
T. Sprado, Manager of Facilities and Recreation (left at 12:45 pm)
B. Burget, General Manager of Finance
J. Wetmore, Community Futures Boundary (left at 11:35 am)
L. Olson, Regional Manager, South Okanagan Boundary (left at 11:51 am)
M. Domeij, Chair – Grand Forks & District Library (attended at 1:00 pm and left at 1:30 pm)
D. Rostek, Treasurer - Grand Forks & District Library (attended at 1:00 pm and left at 1:30 pm)
C. Gawletz, Library Director - Grand Forks & District Library (attended at 1:00 pm and left at 1:30 pm)

CALL TO ORDER

The Chair called the meeting to order at 10:00 am.

ADOPTION OF AGENDA (ADDITIONS/DELETIONS)

The agenda for the February 7, 2018 meeting of the Boundary Community Development Committee was presented.

The agenda was amended by a change of order in agenda items:
Items 6c - 6i and 7b - 7i were moved to be discussed before item 8.

Moved: Director Rotvold Seconded: Director Konrad

That the agenda for the February 7, 2018 meeting of the Boundary Community Development Committee be adopted as amended.

Carried.

ADOPTION OF MINUTES

The minutes of the Boundary Community Development Committee meeting held on January 9, 2018 were presented.

Moved: Director Konrad Seconded: Director Rotvold

That the minutes of the Boundary Community Development Committee meeting held on January 9, 2018 be adopted as presented.

Carried

ELECTION OF VICE-CHAIR

Director Russell informed the Committee members that Director McGregor has been appointed Chair and will begin chairing the meetings beginning in March 2018.

The Chair called a first time for nominations for the position of Vice-Chair of the Boundary Community Development Committee.

Moved: Director Gee

That Director Russell be nominated for the position of Vice-Chair of the Boundary Community Development Committee for the year 2018.

Director Russell accepted the nomination.

The Chair called a second time for nominations for the position of Vice-Chair of the Boundary Community Development Committee.

Moved: Director Smith

That Director Rotvold be nominated for the position of Vice-Chair of the Boundary Community Development Committee for the year 2018.

The Chair called a third time for nominations for the position of Vice-Chair of the Boundary Community Development Committee. Hearing no further nominations, a vote was held by secret ballot.

Directed Rotvold was elected Vice-Chair of the Boundary Community Development Committee.

The ballots were destroyed.

GENERAL DELEGATIONS

Grand Forks & District Public Library

M. Domeij, Chair; D. Rostek, Treasurer; C. Gawletz, Library Director

M. Domeij, Chair, D. Rostek, Treasurer, and C. Gawletz, Library Director, attended the meeting, presented their operating budget for 2018 and requested a 2.6% increase in funding over 2017. Director Russell requested that the library include 2017 actual and budgeted amounts in the 2018 operating budget.

OLD BUSINESS

Boundary Community Development Committee Action Items - as of February 2, 2018

The Boundary Community Development Committee Action Items as of February 2, 2018 were presented.

M. Andison, CAO, informed the Committee members that a call was received from the Kelowna RCMP Detachment to announce that a new inspector at the Nelson Division will be starting in April and has offered to speak to the Board of Directors at a Board meeting. The Committee members were particularly interested in discussing the resourcing needs of the RCMP across the region. The Directors were also interested in assisting the Regional Detachment in advocating for the deployment of more staff resources within the region.

Moved: Director Rotvold Seconded: Director McGregor

That the Boundary Community Development Committee Action Items as of February 2, 2018 be received as presented. **FURTHER**, that staff be directed to establish a date for the meeting with the new Regional Detachment Inspector.

Carried

M. Andison

Re: Memorandum of Understanding (MOU) with BC Transit Regarding Service Levels Analysis

The Committee members were provided with an MOU with BC Transit for BC Transit staff to produce a letter report on proposed service reductions for the Boundary Transit Service. RDKB will need to consider either a service level reduction to conform with maximum tax requisition restriction or go to referendum to request that the taxpayers approve an increase to the maximum permitted tax requisition. There was general agreement to invite key stakeholders and Kevin Schubert from BC Transit to a future meeting to discuss the options available.

Moved: Director Konrad Seconded: Director Rotvold

That the Memorandum of Understanding with BC Transit regarding the preparation of a letter report to the Regional District of Kootenay Boundary exploring the possibility of reduction of service for Boundary Transit be received. **FURTHER** that a meeting be set up with key stakeholders in the community and Kevin Schubert from BC Transit to discuss options in service reduction. **FURTHER** that a list of stakeholders be sent to M. Andison, CAO.

Carried

M. Andison

Re: Boundary Transit Services (950) - Five Year Financial Plan 2018-2022

The Five Year Financial Plan and Work Plan for the Boundary Transit Services (950) were presented for consideration.

Moved: Director Konrad Seconded: Director Smith

That the Boundary Community Development Committee discuss the proposed Boundary Transit Services Five Year Financial Plan, provide direction to staff as to any changes to be made or issues to be investigated and refer it back to a future meeting for further review.

Carried

M. Andison

Re: Boundary Animal Control Service (071) - Five Year Financial Plan 2018-2022

The Five Year Financial Plan and Work Plan for the Boundary Animal Control Service (071) were presented for consideration. The Committee recommended approval of the budget, including any minor changes to the 2017-year end, to the Board of Directors.

Moved: Director McGregor Seconded: Director Rotvold

That the Regional District of Kootenay Boundary Board of Directors approve the Boundary Animal Control Service (071) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018 - 2022 Five Year Financial Plan.

Carried

M. Andison

Re: Mosquito Control - Grand Forks & Area 'D' (080) - Five Year Financial Plan 2018-2022

The Five Year Financial Plan and Work Plan for the Mosquito Control - Grand Forks & Area 'D' (080) were presented for consideration. The Committee recommended approval of the budget, including any minor changes to the 2017-year end, to the Board of Directors.

Moved: Director Konrad Seconded: Director Rotvold

That the Regional District of Kootenay Boundary Board of Directors approve the Mosquito Control - Grand Forks & Area 'D' (080) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018 - 2022 Five Year Financial Plan.

Carried

M. Andison**Re: Boundary Weed Control (092) - Five Year Financial Plan 2018-2022**

The Five Year Financial Plan and Work Plan for Boundary Weed Control (092) were presented for consideration. The Committee recommended approval of the budget, including any minor changes to the 2017-year end, to the Board of Directors.

Moved: Director Gee Seconded: Director Rotvold

That the Regional District of Kootenay Boundary Board of Directors approve the Boundary Weed Control (092) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018 - 2022 Five Year Financial Plan.

Carried

T. Sprado**Re: Recreation Program - Grand Forks & Area 'D' (021) - Five Year Financial Plan 2018-2022**

The Five Year Financial Plan and Work Plan for the Recreation Program - Grand Forks & Area 'D' (021) were presented for consideration. The Committee recommended approval of the budget, including any minor changes to the 2017-year end, to the Board of Directors.

Moved: Director Konrad Seconded: Director Rotvold

That the Regional District of Kootenay Boundary Board of Directors approve the Recreation Program - Grand Forks & Area 'D' (021) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018 - 2022 Five Year Financial Plan.

Carried

T. Sprado**Re: Grand Forks Arena (030) - Five Year Financial Plan 2018-2022**

The Five Year Financial Plan and Work Plan for the Grand Forks Arena (030) were presented for consideration. The Committee recommended approval of the budget, including any minor changes to the 2017-year end, to the Board of Directors.

Moved: Director Konrad Seconded: Director Smith

That the Regional District of Kootenay Boundary Board of Directors approve the Grand Forks Arena (030) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018 - 2022 Five Year Financial Plan.

Carried

T. Sprado

Re: Grand Forks Curling Rink Service (031) - Five Year Financial Plan 2018-2022

The Five Year Financial Plan and Work Plan for Grand Forks Curling Rink Service (031) were presented for consideration. The Committee recommended approval of the budget, including any minor changes to the 2017-year end, to the Board of Directors.

Moved: Director McGregor Seconded: Director Konrad

That the Regional District of Kootenay Boundary Board of Directors approve the Grand Forks Curling Rink Service (031) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018 - 2022 Five Year Financial Plan.

Carried

M. Andison

Re: West Boundary Recreation Service Criteria

A staff report from Mark Andison, Chief Administrative Officer, which proposed grant funding criteria for the consideration of the participants in the West Boundary Recreation Service was presented. Discussion ensued on the content of the grant funding criteria, and the following two amendments were made:

Bullet 3 will be amended to read:

- Considerations may include, but will not be limited to, cost to participants, number of participants, and geographic catchment for the program.

The preamble will include:

- The stakeholder representatives will annually discuss the anticipated allocation of grant funding for the upcoming year.

Moved: Director Rotvold Seconded: Director Smith

That the Grant Funding Criteria for the West Boundary Recreation Service, dated February 7, 2018, be approved as amended.

Carried

M. Andison

Re: Boundary Recreational Trails Master Plan - Phase 2

A staff report from Mark Andison, Chief Administrative Officer, seeking direction from the Boundary Community Development Committee as to whether the Regional District of Kootenay Boundary will continue to Phase 2 of the Boundary Recreational Trails Master Plan process - the Community and Stakeholder Engagement Phase was presented. The Committee members reviewed the options and recommendations presented on the staff report. Concerns about timing, public consultations and the appropriate role for the Regional District in trails management were raised.

Moved: Director Gee Seconded: Director McGregor

That the Regional District of Kootenay Boundary instruct Cascade Environmental Resource Group Ltd. to continue on with Phases 2 and 3 of the Boundary Recreational Trails Master Plan process as outlined in their submitted proposal.

Defeated

(Directors Smith, Rotvold and Konrad opposed)

NEW BUSINESS

Community Futures Boundary Monthly Report - January 2018

The Boundary Community Development Committee Monthly Report for January 2018, as prepared by Community Futures Boundary, was presented. Discussion ensued on the 468 Insider App project and the Affordable Housing Workshop.

Moved: Director Rotvold Seconded: Director McGregor

That the Boundary Community Development Committee Monthly Report, as prepared by Community Futures Boundary, be received as presented.

Carried

T. Sprado**Re: Grand Forks Aquatic Centre Service (040) - Five Year Financial Plan 2018-2022**

The Five Year Financial Plan and Work Plan for the Grand Forks Aquatic Centre Service (040) were presented for consideration. The Committee recommended approval of the budget, including any minor changes to the 2017-year end, to the Board of Directors.

Moved: Director Konrad Seconded: Director Smith

That the Regional District of Kootenay Boundary Board of Directors approve the Grand Forks Aquatic Centre Service (040) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018 - 2022 Five Year Financial Plan.

Carried

M. Andison**Re: Boundary Economic Development (008) - Five Year Financial Plan 2018-2022**

The Five Year Financial Plan for the Boundary Economic Development (008) was presented for consideration. Discussion ensued on the increase in tax requisition and possible sources of revenue. 2017 unspent funds from the Trails Master Plan will be transferred to the 2018 budget.

Moved: Director Rotvold Seconded: Director Konrad

That the Boundary Community Development Committee discuss the proposed Boundary Economic Development Five Year Financial Plan, provide direction to staff as to any changes to be made or issues to be investigated and refer it back to a future meeting for further review.

Carried

M. Andison**Re: Recreation Commission - Greenwood, Midway and Area 'E'/West Boundary (022) - Five Year Financial Plan 2018-2022**

The Five Year Financial Plan for the Recreation Commission - Greenwood, Midway and Area 'E'/West Boundary (022) was presented for consideration. Discussion ensued on

funding for ski hills. It was suggested that Phoenix Ski Hill representatives be invited to the next meeting to discuss their operating budget. Changes were made to the hall grants so that all halls would receive \$2,000 in 2018.

Moved: Director Rotvold Seconded: Director Smith

That the Boundary Community Development Committee discuss the proposed Recreation Commission - Greenwood, Midway and Area 'E'/West Boundary (022) Five Year Financial Plan, provide direction to staff as to any changes to be made or issues to be investigated and refer it back to a future meeting for further review.

Carried

M. Andison

Re: Boundary Museum Service (026) - Five Year Financial Plan 2018-2022

The Five Year Financial Plan for the Boundary Museum Service (026) was presented for consideration. The Committee recommended approval of the budget, including any minor changes to the 2017-year end, to the Board of Directors.

Moved: Director McGregor Seconded: Director Rotvold

That the Regional District of Kootenay Boundary Board of Directors approve the Boundary Museum Service (026) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018 - 2022 Five Year Financial Plan.

Carried

M. Andison

Re: Midway & Beaverdell Emergency Response Service (055) - Five Year Financial Plan 2018-2022

The Five Year Financial Plan for the Midway & Beaverdell Emergency Response Service (055) was presented for consideration. The Committee was informed that since this service no longer exists, the budget is using up the surplus from other years and may be split between the 3 stakeholders. The Committee recommended approval of the budget, including any minor changes to the 2017-year end, to the Board of Directors.

Moved: Director Konrad Seconded: Director Gee

That the Regional District of Kootenay Boundary Board of Directors approve the Midway & Beaverdell Emergency Response Service (055) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018 - 2022 Five Year Financial Plan.

Carried

M. Andison

Re: Regional Library Services (140) - Five Year Financial Plan 2018-2022

The Five Year Financial Plan for the Regional Library Services (140) was presented for consideration. The Committee recommended approval of the budget, including any minor changes to the 2017-year end, to the Board of Directors.

Moved: Director McGregor Seconded: Director Smith

That the Regional District of Kootenay Boundary Board of Directors approve the Regional Library Service (140) 2018-2022 Five Year Financial Plan. **FURTHER** that the Plan be included in the overall RDKB 2018 - 2022 Five Year Financial Plan.

Carried

M. Andison

Re: Cemetery Service - Greenwood & Area 'E'/West Boundary (145) - Five Year Financial Plan 2018-2022

The Five Year Financial Plan for the Cemetery Service - Greenwood & Area 'E'/West Boundary (145) was presented for consideration. Further discussion of this budget was deferred until the next meeting.

Moved: Director Gee Seconded: Director Smith

That the Boundary Community Development Committee discuss the proposed Cemetery Service - Greenwood & Area 'E'/West Boundary Five Year Financial Plan, provide direction to staff as to any changes to be made or issues to be investigated and refer it back to a future meeting for further review.

Carried

M. Andison**Re: Area 'D' Regional Parks and Trails (045) - Five Year Financial Plan 2018-2022**

The Five Year Financial Plan for the Area 'D' Regional Parks and Trails (045) was presented for consideration. The Committee was informed that this budget will be referred to the Electoral Area Services Committee for consideration.

Moved: Director McGregor Seconded: Director Smith

That the Area 'D' Regional Parks and Trails (045) Five Year Financial Plan be referred to the Electoral Area Services Committee.

Carried

Information**Re: Kootenay Boundary Animal Control Report - December 2017**

Moved: Director Konrad Seconded: Director Smith

That the Kootenay Boundary Animal Control Report for December 2017 be received as presented.

Carried

Information**Re: West Boundary Road Rescue**

The Committee was informed that the RDKB Bylaw No. 1091, 1999 West Boundary Road Rescue is in the process of being rescinded. The Village of Midway has decided to take this service on. Previous road rescue staff will work with the Fire Department.

R. Russell**Re: Boundary Agricultural and Food Advisory Council - ToR**

Director Russell informed the Committee that these ToR were reviewed by the Committee last year. However, the version adopted was not what was approved so updating is necessary. The changes were pointed out to the Committee, and after further discussion, it was;

Page 12 of 13
Boundary Community Development Committee
February 7, 2018

Moved: Director McGregor Seconded: Director Smith

That the Boundary Community Development Committee recommends that the Boundary Agricultural and Food Advisory Council Terms of Reference be approved by the Regional District of Kootenay Boundary Board of Directors.

Carried

LATE (EMERGENT) ITEMS

There were no late (emergent) items for discussion.

DISCUSSION OF ITEMS FOR FUTURE AGENDAS

A discussion of items for future agendas was not required.

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 2:18 pm.



Policy and Personnel Committee

February 14, 2018

RDKB Board Room, Trail, BC

2:00 P.M.

Minutes

Committee Members Present:

Director M. Martin, Chair
Director J. Danchuk, Vice-Chair
Director R. Russell
Director G. McGregor
Director V. Gee
Director I. McLellan

Staff Present

M. Andison, Chief Administrative Officer
T. Lenardon, Manager of Corporate Administration/Recording Secretary
T. Dueck, Solid Waste Program Coordinator
C. Marsh, Manager of Emergency Programs
D. Derby, Regional Fire Chief/Emergency Communications Dispatcher

CALL TO ORDER

The Chair called the meeting to order at 2:02 p.m.

ADOPTION OF AGENDA (ADDITIONS/DELETIONS)

The agenda for the February 14, 2018 meeting of the Policy and Personnel Committee was presented.

A closed meeting was added to the agenda pursuant to Section 90 (1)(a) of the *Community Charter*,

Moved: Director McGregor Seconded: Director Danchuk

That the agenda for the February 14, 2018 meeting of the Policy and Personnel Committee be adopted as amended.

Carried.

ADOPTION OF MINUTES

The minutes of the Policy and Personnel Committee meeting held on January 10, 2018 were presented. Staff was directed to amend page 6 by correcting the name of the 058 service from Electoral Area 'E'/West Boundary Regional Fire to "Kettle Valley Fire Protection", and it was;

Moved: Director McGregor Seconded: Director Russell

That the minutes of the Policy and Personnel Committee meeting held on January 10, 2018 be adopted as amended.

Carried.

GENERAL DELEGATIONS

There were no delegations in attendance.

UNFINISHED BUSINESS**Policy and Personnel Committee Action Item Report - as of February 9, 2018**

The Policy and Personnel Committee Action Item Report as of February 9, 2018 was presented.

Staff was instructed to update the Action Item Report as follows:

1. **Jan 16/18:** amend name of 058 Service from Electoral Area 'E'/West Boundary Regional Fire to "Kettle Valley Fire Protection", and
2. **Dec. 19/17 and Jan. 16/18 (Realize Strategies Governance and Organizational Review):** consolidate into one action item.

Moved: Director Danchuk Seconded: Director Gee

That the Policy and Personnel Committee Action Item Report as of February 9, 2018 be revised by amending the name of the 058 service to "Kettle Valley Fire Protection" (January 16, 2018 action item) and by consolidating the January 16, 2018 and December 19, 2017 Realize Strategies Governance and Organizational Review action items as per direction given by the Committee at the February 14, 2018 meeting. **FURTHER** that the name of the 058 service also be amended to read "Kettle Valley Fire Protection" in the Financial Plan Policy.

Carried.

Moved: Director McLellan Seconded: Director Russell

That for a future meeting, staff draft a report providing information and possible examples of an Elected Officials' Code Conduct Policy that includes how the Code of Conduct would be enforced.

Carried.

NEW BUSINESS**T. Dueck, Solid Waste Program Coordinator
Re: Zero Waste Policy**

A Staff Report from Tim Dueck, Solid Waste Program Coordinator regarding the review of the RDKB's 2006 Zero Waste Policy was presented.

Mr. Dueck reviewed the staff report and he summarized how the current policy is used within the current 2006 Solid Waste Management Plan (SWMP). In November 2017, the SWMP Steering Committee deferred the formal SWMP planning process indefinitely therefore, once the overall process restarts and is completed, the Zero Waste Policy should be reconsidered.

The Committee reviewed the discussions currently taking place concerning the identification of a location for organics waste. There was general agreement to continue to defer the work on the SWMP. However, with engagement from the Steering Committee members the work to identify a location for organics waste will continue to move forward. Director Martin advised that as the Chair of the SWMP Steering Committee, he will work with staff, and it was;

Moved: Director McLellan Seconded: Director Russell

That the Regional District of Kootenay Boundary Board of Directors continue to defer updating the Zero Waste Policy until the 2006 Solid Waste Management Plan has been updated and at which time the Policy will be aligned with the Plan. **FURTHER** that the Solid Waste Management Plan Committee convene in support of organics waste in a timely manner.

Carried.

**M. Andison, Chief Administrative Officer
Re: RDKB Bylaw Enforcement Policy**

A staff report from Mark Andison, Chief Administrative Officer, reviewing the Regional District of Kootenay Boundary Bylaw Enforcement Policy was presented.

The CAO answered inquiries regarding tracking complaints and staff follow-up to reach compliance, when an infraction has been determined. It was noted that the Planning and Development Department tracks complaints and keeps records. Staff was requested to refer Planning Department tracking and follow-up of complaints to the Electoral Area Services Committee for further discussion.

The Committee members discussed the purpose of the policy and the following changes were requested:

1. Purpose Statement: replace the second word "to" with "a",
2. Procedure: remove the duplication / redundant sentence, and
3. Procedure: remove the second-to-last sentence in Article 3 on page 2 of the Policy.

Moved: Director Russell Seconded: Director McLellan

That the Regional District of Kootenay Boundary Bylaw Enforcement Policy be amended to update the *Local Government Act* legislative reference from Section 695 to Section 302. **FURTHER** that the Policy also be amended as per the Committee's direction at the February 14, 2018 meeting and be referred out to the Directors for comments as amended.

Carried.

Moved: Director Russell Seconded: Director Gee

That a report summarizing the Planning and Development Department's tracking of bylaw infraction complaints and staff follow-up be referred to the Electoral Area Services Committee on a monthly basis.

Carried.

M. Andison, Chief Administrative Officer

Re: Half-Masting Canadian Flag Policy

A staff report from Mark Andison, Chief Administrative Officer, reviewing the Regional District of Kootenay Boundary Half-Masting of the Canadian Flag Policy was presented.

The Committee members reviewed and discussed the proposed policy updates as presented by staff in the staff report and they discussed revisions to the updates. The following revisions to the proposed policy updates were requested:

1. Remove 1. "to recognize the passing of a citizen or a person of national or international stature who has had a significant impact in the community", and
2. Amend the third bullet in the policy "a Regional District of Kootenay Boundary Fire Chief, the General Manager of Operations, or the Chief Administrative Officer may approve half-masting at RDKB fire halls...." by referring this matter to staff to reword the language in this section and then bring back to the Committee at a future meeting.

Moved: Director McGregor Seconded: Director Danchuk

That the Regional District of Kootenay Boundary Half-Masting of the Canadian Flag Policy be referred back to staff for revisions and rewording as per the direction given by the Policy and Personnel Committee at the February 14, 2018 meeting. **FURTHER** that the revised Policy be referred back to the Policy and Personnel Committee at a future meeting.

Carried.

Moved: Director McGregor Seconded: Director Danchuk

That according to Article Point 14 in the current RDKB Half-Masting of the Canadian Flag Policy that the RDKB Board of Directors approves half-masting the flag Saturday February 17, 2018 in honour of Captain Clayton Murrell, Cranbrook Fire and Emergency Services.

Carried.

M. Andison, Chief Administrative Officer

Re: Verbal Update - RDKB Staffing

This item was referred to a closed meeting pursuant to Section 90 (1) (a) of the *Community Charter*.

C. Marsh, Manager of Emergency Programs**Re: EOC Wage Reimbursement Policy**

A staff report from Chris Marsh, Manager of Emergency Programs explaining options and implications of an update to the Emergency Operations Centre (EOC) Wage Reimbursement Policy was presented.

Staff advised that the current policy does not cover exempt staff for overtime when working in an EOC and explained that the intent of the report and recommendation is to ensure that all RDKB Management and Union staff are compensated using the same structure during an EOC activation.

The Committee members discussed the policy and requested that reference to the "collective agreement" as it associates to exempt staff in the policy be removed and that the policy be revised to ensure that EOC compensation for exempt staff is equal to that of union staff.

Moved: Director McLellan Seconded: Director Danchuk

That the Policy and Personnel Committee instruct staff to revise the Emergency Operations Centre (EOC) Activation Wage Reimbursement Policy as per the Committee's direction at the February 14, 2018 meeting by removing the reference to the "collective agreement" in regards to overtime premiums for exempt / management staff while working in the Emergency Operations Centre.

FURTHER that the revised policy be presented back to the Committee at a future meeting.

Carried.

Director Gee requested that all policies include a watermark to illustrate which stage the policy is at within the policy development and review process.

LATE (EMERGENT) ITEMS

There were no late emergent items.

DISCUSSION OF ITEMS FOR FUTURE MEETINGS

There were no items for future meetings.

QUESTION PERIOD FOR PUBLIC AND MEDIA

A question period was not required.

CLOSED (IN CAMERA) SESSION

Moved: Director McGregor Seconded: Director Danchuk

That the Policy and Personnel Committee proceed to a closed meeting pursuant to Section 90 (1) (a) of the *Community Charter* (time: 3:36 p.m.).

Carried.

The Policy and Personnel Committee reconvened to the regular open meeting at 3:58 p.m.

ADJOURNMENT

There being no further business to discuss, the meeting was adjourned (time: 4:01 p.m.)

TL



**Utilities Committee
Minutes
Wednesday, February 14, 2018
RDKB Board Room, 843 Rossland Ave., Trail, BC**

Committee members present:

Director D. Langman, Vice-Chair
Director G. McGregor
Director A. Grieve
Director L. Worley
Director V. Gee
Alternate Director K. Jolly
Alternate Director T. Webber

Staff present:

M. Andison, Chief Administrative Officer
M. Forster, Executive Assistant/Recording Secretary
G. Denkovski, Manager of Infrastructure and Sustainability

CALL TO ORDER

The Vice-Chair called the meeting to order at 5:00 pm.

ADOPTION OF AGENDA (ADDITIONS/DELETIONS)

The agenda for the February 14, 2018 Utilities Committee meeting was presented.

Moved: Alternate Director Jolly Seconded: Director McGregor

That the agenda for the February 14, 2018 Utilities Committee meeting be adopted as presented.

Carried

ADOPTION OF MINUTES

The minutes of the Utilities Committee meeting held on January 10, 2018 were presented.

Moved: Director Worley Seconded: Director McGregor

That the minutes of the Utilities Committee meeting held on January 10, 2018 be adopted as presented.

Carried

GENERAL DELEGATIONS

There were no delegations present.

UNFINISHED BUSINESS

Utilities Committee Action Item List - as February 9, 2018

The Utilities Committee Action Item List as of February 9, 2018 was presented. CBT/CIP Projects will be removed from the Action Item List.

Moved: Alternate Director Jolly Seconded: Director Worley

That the Utilities Committee Action Item List as of February 9, 2018 be received as presented.

Carried

G. Denkovski

Re: Draft 2018-2022 Budget and Five-Year Financial Plan Beaver Valley Water Service

The 2018 - 2022 Budget and Five Year Financial Plan for the Beaver Valley Water Services was presented. Alternate Director Webber provided an update on the Davis Avenue Water Project in Fruitvale.

Moved: Director Grieve Seconded: Director Worley

That the Utilities Committee discuss the draft Beaver Valley Water Service (500) 2018-2022 Five Year Financial Plan, provide direction to staff as to any changes to be made or issues to be investigated and refer to a future meeting.

Carried

G. Denkovski

Re: Draft 2018-2022 Budget and Five-Year Financial Plan Columbia Gardens Industrial Water Supply Utility

The 2018 - 2022 Budget and Five Year Financial Plan for the Columbia Gardens Industrial Water Supply Utility Service was presented.

Moved: Director Grieve Seconded: Alternate Director Webber

That the Utilities Committee discuss the draft Columbia Gardens Industrial Water Supply Service (600) 2018-2022 Five Year Financial Plan, provide direction to staff as to any changes to be made or issues to be investigated and refer to a future meeting.

Carried

G. Denkovski

Re: Draft 2018 - 2022 Budget and Five Year Financial Plans Big White Street Lighting and Beaverdell Street Lighting Services

The 2018 - 2022 Budget and Five Year Financial Plans for the Big White Street Lighting and Beaverdell Street Lighting Services were presented.

Moved: Director Gee Seconded: Director McGregor

That the Utilities Committee discuss the proposed Big White Street Lighting Service (101) and Beaverdell Street Lighting Service (103) 2018-2022 Budget and Five-Year Financial Plans, provide direction to Staff as to any changes to be made or issue investigated and refer them to a future meeting for further review.

Carried

G. Denkovski

Re: Draft 2018-2022 Budget and Five-Year Financial Plan Christina Lake Water Utility Service

The 2018 - 2022 Budget and Five Year Financial Plan for the Christina Lake Water Utility Service was presented.

Moved: Director McGregor Seconded: Director Worley

That the Utilities Committee discuss the draft Christina Lake Water Utility Service (550) 2018-2022 Five Year Financial Plan, provide direction to staff as to any changes to be made or issues to be investigated and refer to a future meeting.

Carried

G. Denkovski

Re: Draft 2018-2022 Budget and Five-Year Financial Plan Rivervale Water and Street Lighting Service

The 2018-2022 Budget and Five-Year Financial Plan for the Rivervale Water and Street Lighting Service was presented.

Moved: Director Worley Seconded: Director Grieve

That the Utilities Committee discuss the draft Rivervale Water and Street Lighting Service (650) 2018-2022 Five Year Financial Plan, provide direction to staff as to any changes to be made or issues to be investigated and refer to a future meeting.

Carried

G. Denkovski

Re: Draft 2018-2022 Budget and Five Year Financial Plan and Workplan Oasis-Rivervale Sewer Utility Service

The Draft 2018-2022 Budget and Five Year Financial Plan for the Oasis-Rivervale Sewer Utility Service was presented.

Moved: Director Worley Seconded: Director Grieve

That the Utilities Committee discuss the draft Oasis-Rivervale Sewer Utility Service (800) 2018-2022 Five Year Financial Plan, provide direction to staff as to any changes to be made or issues to be investigated and refer to a future meeting.

Carried

G. Denkovski

Re: Draft East End Regionalized Sewer Utility 2018-2022 Budget and Five Year Financial Plan

The Draft East End Regionalized Sewer Utility 2018-2022 Budget and Five Year Financial Plan was presented.

Moved: Alternate Director Jolly Seconded: Alternate Director Webber

That the Utilities Committee discuss the draft East End Regionalized Sewer Utility (700) 2018-2022 Five Year Financial Plan, provide direction to staff as to any changes to be made or issues to be investigated and refer to a future meeting.

Carried

G. Denkovski

Re: Draft 2018-2022 Budget and Five Year Financial Plans for the East End Regionalized Sewer Utility services of the Dual Benefitting Communities of Rossland and Warfield, Sole Benefitting Community of Rossland and Sole Benefitting Community of Trail

The 2018-2022 Budget and Five Year Financial Plan for the current Regionalized East End Sewer Utility services of the dual benefiting communities of Rossland and Warfield, sole benefiting community of Rossland and sole benefiting community of Trail was presented.

Moved: Alternate Director Jolly Seconded: Director Worley

That the Utilities Committee discuss the draft Regionalized East End Sewer Utility - Dual Benefitting Community Rossland-Warfield (700-103), Sole Benefitting Community of Rossland (700-102) and Sole Benefitting Community of Trail (700-101) 2018-2022 Five Year Financial Plan, provide direction to staff as to any changes to be made or issues to be investigated and refer to a future meeting.

Carried

NEW BUSINESS

G. Denkovski

Re: Columbia Pollution Control Center Secondary Treatment Design Endorsement

A Staff Report from Goran Denkovski, Manager of Infrastructure and Sustainability, regarding endorsing a secondary treatment option as outlined in the Opus pre-design report was presented.

Moved: Alternate Director Jolly Seconded: Director Worley

That the Regional District of Kootenay Boundary Board of Directors endorse option B1, MBBR-DAF with new primary tanks as outlined in the Opus Columbia Pollution Control Center Secondary Treatment Pre-design report dated February 8, 2018. **FURTHER**, that staff be directed to advise Opus to complete detailed design on option B1, MBBR-DAF with new primary tanks as a secondary treatment upgrade.

Carried

G. Denkovski

Re: Flow Meter Report for Volume Data Collected for December 2017 and Annual Summary

Flow meter report summarizing volume data collected for the month of December 2017 and annual summary, was presented

Moved: Director McGregor Seconded: Alternate Director Jolly

That the flow meter report summarizing volume data collected for the month of December 2017 and annual summary, be received as presented.

Carried

LATE (EMERGENT) ITEMS

There were no late (emergent) items for discussion.

DISCUSSION OF ITEMS FOR FUTURE MEETINGS

A discussion of items for future meetings was not required.

QUESTION PERIOD FOR PUBLIC AND MEDIA

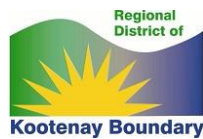
A question period for public and media was not required.

CLOSED (IN CAMERA) SESSION

A closed (in camera) session was not required.

ADJOURNMENT

The meeting was adjourned at 5:18 pm.



Electoral Area Services Committee

Minutes

Thursday, February 15, 2018
843 Rossland Ave., Trail, BC

Directors Present:

Director Linda Worley, Chair
Director Grace McGregor, Vice-Chair, via video conference from Grand Forks
Director Ali Grieve
Director Roly Russell, via video conference from Grand Forks
Director Vicki Gee, via video conference from Grand Forks

Directors Absent:

Other Directors:

Director Joe Danchuk

Staff Present:

Mark Andison, CAO
Donna Dean, Manager of Planning and Development
Beth Burget, General Manager of Finance
Jennifer Kuhn, Recording Secretary
Dan Derby, Regional Fire Chief
Chris Marsh, Manager of Emergency Programs

Guests:

Carol and Peter Bowen
Carol and Terry Forsythe

1. **CALL TO ORDER**

Chair Worley called the meeting to order at 4:30 pm.

2. **ACCEPTANCE OF AGENDA (ADDITIONS/DELETIONS)**

February 15, 2018

The agenda for the February 15, 2018 Electoral Area Services Committee was presented.

Motion: Director Grieve Seconded: Director McGregor

That the February 15, 2018 Electoral Area Services Agenda be adopted as presented.

Carried.

3. **MINUTES**

January 11, 2018

The Minutes of the January 11, 2018 Electoral Area Services Committee meeting were presented.

Director Gee expressed concern regarding Discussion Item D) since she felt the minutes implied that she has control over the issues she's having and she would like the wording changed. She also said she is working with staff and the APC to clarify the APC's role.

Moved: Director Gee Seconded: Director Russell

That the January 11, 2018 Electoral Area Services Minutes be adopted as amended.

Carried.

4. **DELEGATIONS** - None

5. **UNFINISHED BUSINESS**

A) **Memorandum of Committee Action Items**

The Electoral Area Services Committee Memorandum of Action Items for the period ending January, 2018 was presented.

Moved: Director Grieve

Seconded: Director Gee

That the Memorandum of Electoral Area Services Committee Action Items be received.

Carried.

6. **NEW BUSINESS**

A) **Area 'A' Drainage Management Plan** **RE: Columbia Gardens Industrial Area** RDKB File: A-18

Director Grieve received additional information regarding this issue prior to the meeting which would impact the Drainage Management Plan. Therefore, she recommends delaying the implementation of a Drainage Management Plan requirement for the time being until stakeholders in the Columbia Gardens Industrial Area can be consulted. Director Grieve agreed with the APC that a letter should be sent to the Province regarding the redirection of Langford and Sayward Creeks.

Moved: Director Grieve

Seconded: Director McGregor

That the Regional District of Kootenay Boundary initiative to add the requirement for a Drainage Management Plan to the Industrial Development Permit Area in the Electoral Area 'A' Official Community Plan #1410 for the parcels identified in the February 9, 2018 staff report 'Drainage Management – Columbia Gardens Industrial Area be deferred.

And further that staff send a letter to the Province regarding the redirection of Langford and Sayward Creeks and that staff investigate potential sources of funding to develop and implement a Master Drainage Plan as recommended by the Electoral Area 'A' Advisory Planning Commission.

Carried.

Director Danchuk; Fire Chief Dan Derby; Chris Marsh; and Carol and Terry Forsythe left the meeting.

B) Denise Preston

RE: Development Variance Permit

90 West Lake Drive, Electoral Area 'C'/Christina Lake

RDKB File: C-317-02578.100

Carol and Peter Bowen were present as observers. Director McGregor advised that the Area 'C'/Christina Lake APC were very supportive of this application and the need to allow smaller house sizes.

Moved: Director McGregor

Seconded: Director Russell

That the Development Variance Permit application submitted by Denise Preston to reduce the minimum floor area requirement for a dwelling unit from 60m² to 35.7m² – a 24.3m² variance, for a dwelling unit, in order to convert an existing garage into a secondary suite, on the property legally described as Lot 21, Plan KAP23397, DL 317, SDYD, Electoral Area 'C'/Christina Lake be presented to the Board of Directors for consideration, with a recommendation of support.

Carried.

Chair Worley thanked Carol and Peter Bowen for attending the meeting, and they left the meeting.

C) Irene Anthony

Kevin Anthony

RE: MoTI - Subdivision

5030 Covert Road and Lot 13 Coryell Road

Electoral Area 'D'/Rural Grand Forks

RDKB File: D-497-02982.000 and D-497-02982.500

Donna Dean explained this application is regarding an interior lot line adjustment. The applicants want to turn two square-shaped parcels into rectangular parcels as road access is not developed for the southerly parcel and this subdivision would allow for the applicants to have access to both parcels from Coryell Road.

Moved: Director Russell

Seconded: Director Gee

That the staff report regarding the Ministry of Transportation and Infrastructure referral for a proposed subdivision, for the parcel legally described as Lots 12 and 13, Plan KAP104, DL 497, SDYD, Electoral Area 'D'/Rural Grand Forks, be received.

Carried.

D) Bryn and Suzanne Wilkin

Re: MoTI Subdivision

5200 Hardy Mountain Road

Electoral Area 'D'/Rural Grand Forks

RDKB File: D-955s-04238.005

Donna Dean explained that both lots meet the minimum parcel requirement; that the subdivision is permitted in the Zoning and that the Area 'D'/Rural Grand Forks APC supports this application.

Moved: Director Russell

Seconded: Director McGregor

That the staff report regarding the Ministry of Transportation and Infrastructure referral for a proposed subdivision, for the parcel legally described as Lot 12, Plan KAP104, DL 497, SDYD, Electoral Area 'D'/Rural Grand Forks, be received.

Carried.

E) 643249 BC Ltd. (Heinz Strege)

Re: MoTI Subdivision

290 Beaverdell Station Road, Beaverdell,

Electoral Area 'E'/West Boundary

RDKB File: E-2764s-06857.050

Donna Dean explained that the parcel is located west and south of the Beaverdell townsite, and is about 4 hectares in size. There has been industrial activity, including a sawmill, and crushing and concentrator for mining. The owner of the property wants to create small lots and put water and sewer systems in place. There is no zoning or OCP in this part of Electoral Area 'E'/West Boundary.

This referral is for the first phase of development and a second phase would see more parcels created in the future. The APC had some local knowledge, and had concerns about contamination of the soil and water, which would be addressed by MOTI, and concerns about water demands at drier times of the year.

Director Gee questioned whether applicants could be required to prove water availability earlier in the development approval process to avoid spending a lot of money for other aspects of a subdivision only to find out later that there is not sufficient water. Donna said Planning staff were having an annual meeting with MOTI staff soon and this concern can be discussed there.

Director Gee also wants staff to clarify with the applicant and MOTI that the potential development on Teck owned lands would not replace the park land requirement of the *Local Government Act*.

Moved: Director Grieve

Seconded: Director Gee

That the staff report regarding the Ministry of Transportation and Infrastructure referral for a proposed subdivision, for the parcel legally described as Plan KAP66B District Lot 1209s, SDYD in Beaverdell, Electoral Area 'E'/West Boundary be received, and that staff forward this report with comments from the Advisory Planning Commission to the Ministry of Transportation and Infrastructure. And further, that staff be directed to work with the land owner to resolve the park dedication requirements of Section 510 of the *Local Government Act*.

Carried.

F) Stewart Warkentin

Heinz Strege

Re: MoTI Subdivision

350 Beaverdell Station Road, Beaverdell,

Electoral Area 'E'/West Boundary

RDKB File: E-1209S-04662.000

Donna Dean explained that the parcel in this application is immediately south of 290 Beaverdell Station Road, and is 19 hectares in size. The agent for the owner wants to subdivide a 1-hectare portion with dwelling and outbuildings. One of the concerns is this property is entirely within the ALR and no application to the ALC has been made.

Director Gee said that the APC is concerned that subdividing the land will not improve agriculture, and would like to see an application for subdivision in the ALR made to the ALC.

Moved: Director Gee

Seconded: Director McGregor

That the staff report regarding the Ministry of Transportation and Infrastructure referral for a proposed subdivision, for the parcel legally described as Plan KAP66B District Lot 1209s, SDYD in Beaverdell, Electoral Area 'E'/West Boundary be received and that staff forward comments from this Committee and the Advisory Planning Commission to the Ministry of Transportation and Infrastructure.

Carried.

G) Patrick and Peter Browne-Clayton

Shane Browne-Clayton

Re: MoTI Subdivision

5525 Highway 33, Beaverdell

Electoral Area 'E'/West Boundary

RDKB File: E-3308-07142.000

The subject property is located south of Beaverdell on the west side of Highway 33. A previous application to the ALC for subdivision that came before the Board was to create five parcels, which was not supported by ALC because the proposed lot lines would have had a greater impact on the ALR land. The proposal now matches what is acceptable to both the APC and the ALC. Director Gee said the suggestion to subdivide the parcel this way came from the APC who support this application.

Moved: Director Gee

Seconded: Director McGregor

That the staff report regarding the Ministry of Transportation and Infrastructure referral for a proposed subdivision, for the parcel legally described as Lot A Plan KAP16372, DL 3308, SDYD, Electoral Area 'E'/West Boundary, be received. And further, that staff work with the land owner regarding the park dedication requirement of Section 510 of the *Local Government Act*.

Carried.

H) Derek and Jennifer Klumpp**Re: MoTI Subdivision**

3434 Blyth-Rhone Road, Westbridge
 Electoral Area 'E'/West Boundary
 RDKB File: E-1265s-04703.045

This parcel is located north of Westbridge, and the application is to divide the parcel roughly into half. The parcel is not in the ALR and the APC says it is steep and is not suitable for agriculture. Director Russell asked for clarification regarding whether the small triangle on the east side of the railway right of way is part of the subject parcel. Donna Dean stated that the most recent plan for the parcel indicates that it is part of the subject parcel.

Moved: Director Grieve

Seconded: Director Gee

That the staff report regarding the Ministry of Transportation and Infrastructure referral for a proposed subdivision, for the property legally described as Lot A Plan EPP33295 DL 1265s, SDYD, Electoral Area 'E'/West Boundary be received.

Carried.

I) Judy Rosen and Lance Varhanik**Re: Development Permit**

595 Feathertop Way, Big White
 Electoral Area 'E'/West Boundary
 RDKB File: BW-4222-07500.950

Donna Dean explained the building and landscape plan, and that staff will be asking the applicants to change the landscape plan as some of the proposed landscaping is in the road right of way. As well, the retaining wall, which is part of the house, is within the setback so the applicants have submitted an application for a variance. This development permit cannot be approved unless the variance is supported.

Director Gee stated that the APC has commented that they have not supported variances in the past because they believe the zoning bylaw should be adhered to.

Moved: Director Gee

Seconded: Director Russell

That the staff report regarding the Development Permit Application submitted by Judy Rosen and Lance Varhanik to construct a single family residence in the Alpine Environmentally Sensitive Landscape Reclamation Development Permit Area on the parcel legally described as Lot 70 Plan KAS3134 District Lot 4222, SDYD, Big White, Electoral Area 'E'/West Boundary, be received.

Carried.

J) City of Grand Forks

RE: Light Industrial Development Permit

8168 Donaldson Drive, City of Grand Forks

RDKB File: GF-210-00998.800

Director Russell noted construction appears to have started before the application came before Grand Forks Council. As well, one of the concerns of the APC was the potential impact of an additional septic field over the aquifer. Director Russell also mentioned that the bulk of the APC's concern was for the potential of industrial types of contaminants leaking into the aquifer.

Moved: Director Russell

Seconded: Director McGregor

That the referral submitted by the City of Grand Forks for a Light Industrial Development Permit for 8168 Donaldson Drive be received and further that the City of Grand Forks be advised that the Regional District of Kootenay Boundary supports the proposed Development Permit.

Carried.

K) Five Year Financial Plans

Work Plans and Five Year Budgets (2018-2022) for services that are under the responsibility of the Electoral Area Services Committee were presented.

Budgets Discussed:

002 – Electoral Area Administration

After discussion, the Directors agreed to increase the amount for Communications to \$7,000 from each Electoral Area.

Moved: Director McGregor Seconded: Director Grieve

That the budgeted amount for Communications across all areas be increased to \$7,000.

Carried.

Director Gee would like to revisit town hall meeting expenses, and noted some of the expense comes out of the General Administration budget (001) as well. Beth Burget confirmed some of the funds for town hall expenses comes from General Administration, including advertising. The directors will have further discussions regarding 001 and specific areas.

Director Gee questioned self-directed professional development amounts in this budget. Beth Burget will look into those expenses, and whether they were covered with specific conferences as well.

Director Remuneration:

It was confirmed that during the 2017 budget review process the Electoral Area Directors requested the following increases: Electoral Area Director's Remuneration increased from \$716 to \$800 and Expense Allowance increased from \$358 to \$400. However, a bylaw amendment was not adopted. The budget will be amended to reflect the request. A new bylaw, with Board approval, would be required before changes could be implemented.

Director Gee questioned if savings could be found in tendering out janitorial services for RDKB facilities. Mark Andison and Beth Burget explained that janitorial services vary from facility to facility with some carried out by RDKB employees and others contracted-out.

Moved: Director McGregor

Seconded: Director Grieve

That the Electoral Area Services Committee discuss the following Work Plans and proposed Five Year Budgets, provide direction to Staff as to any changes to be made to the various plans or issues to be investigated, and refer them to a future meeting for further review for the following Work Plans and proposed Five Year Budgets:

- 002 Electoral Area Administration Work Plan 2018-2019
- 002 Electoral Area Administration Budget
- 003 Grants-in-Aid Service Budget
- 045 Area 'D'-Rural Grand Forks Regional Parks and Trails Work Plan 2018-2019
- 045 Area 'D' Rural Grand Forks Regional Parks and Trails Budget
- 047 Heritage Conservation-Electoral Area 'D'-Rural Grand Forks Budget
- 053 Beaverdell Fire Protection Service Work Plan 2018-2019
- 053 Beaverdell Fire Protection Service Budget
- 054 Big White Fire Service Work Plan 2018-2019
- 054 Big White Fire Service Budget
- 056 Rural Greenwood Fire Protection Service Budget
- 057 Grand Forks Rural Fire Protection Service Work Plan 2018-2019
- 057 Grand Forks Rural Fire Protection Service Budget
- 058 Kettle Valley Fire Protection Service Work Plan 2018-2019
- 058 Kettle Valley Fire Protection Service Budget
- 065 Electoral Area 'E'-West Boundary Regional Parks and Trails Service Budget
- 074 Big White Security Service Budget
- 075 Big White Noise Control Service Budget

That the Electoral Area Services Committee approves the following 2018-2019 Work Plans and 2018-2022 Five-Year Financial Plans. Further that the 2018-2022 Five-Year Financial Plans be included in the overall RDKB 2018-2022 Five-Year Financial Plan:

- 005 Planning and Development Work Plan 2018-2019
- 005 Planning and Development Budget
- 014 Area B Recreation-Parks and Trails Work Plan 2018-2019
- 014 Area B Recreation-Parks and Trails Budget
- 023 Christina Lake Recreation Programs Work Plan 2018-2019
- 023 Christina Lake Recreation Programs Budget
- 024 Christina Lake Recreation Facilities Work Plan 2018-2019
- 024 Christina Lake Recreation Facilities Budget
- 027 Christina Lake Regional Parks and Trails Work Plan 2018-2019
- 027 Christina Lake Regional Parks and Trails Budget
- 028 Beaverdell Community Club-Recreation Services Budget

051 Christina Lake Fire Protection Service Work Plan 2018-2019
 051 Christina Lake Fire Protection Service Budget
 070 East End Animal Control Service Work Plan 2018-2019
 070 East End Animal Control Service Budget
 077 Christina Lake Economic Development Service Budget
 081 Mosquito Control Christina Lake Service Work Plan 2018-2019
 081 Mosquito Control Christina Lake Service Budget
 090 Weed Control Area A Columbia Gardens Service Work Plan 2018-2019
 090 Weed Control Area A Columbia Gardens Service Budget
 091 Weed Control Christina Lake Milfoil Work Plan 2018-2019
 091 Weed Control Christina Lake Milfoil Budget
 120 House Numbering Areas A and C Work Plan 2018-2019
 120 House Numbering Areas A and C Budget
 121 House Numbering Area D Work Plan 2018-2019
 121 House Numbering Area D Budget
 122 House Numbering Area B Work Plan 2018-2019
 122 House Numbering Area B Budget
 123 House Numbering Area E Work Plan 2018-2019
 123 House Numbering Area E Budget
 141 Library Electoral Area E-West Boundary Budget

Carried.

L) Grant in Aid Report

Moved: Director Grieve

Seconded: Director McGregor

That the Grant in Aid Report be received.

Carried.

M) Gas Tax Update

Moved: Director Grieve

Seconded: Director McGregor

That the Gas Tax Update be received.

Carried.

7. **LATE (EMERGENT) ITEMS**

There were no late (emergent) items.

8. **DISCUSSION ITEMS**

A) **What is the RDKB stand on the Marijuana Issue – Director Grieve**

Mark Andison distributed copies of the letter sent from this committee to the Minister of Public Safety and Solicitor General in November 2017. The letter outlined the EAS Committee's interests regarding cannabis legalization.

Director Grieve brought this item to the meeting with respect to zoning, and agricultural production. Director Grieve questioned if there were changes the Regional District needs to anticipate, and is the zoning in place with respect to the legalization of marijuana.

Donna referred to information regarding zoning for retail sales and the agricultural production of cannabis. She described how growing is permitted in the ALR but could be restricted on non-ALR lands.

Director Grieve suggested an information package be provided to the APC's for their next meetings.

Director Russell stated that his APC has already reviewed the issue as part of the bylaw reviews and it is not necessary to have it on their agenda.

Director Gee said there is no need to forward to this information to her APC since there is no zoning.

9. **CLOSED (IN CAMERA) SESSION**

There was no Closed (In Camera) Session.

10. **ADJOURNMENT**

There being no further business to discuss, Chair Worley adjourned the meeting at 6:00 pm.



March 12, 2018

Regional District of Kootenay Boundary
202-842 Rossland Avenue
Trail, BC
V1R 4S8

Re: Amended Grant Application

To: The West Boundary Recreation Commission,

Please accept this revised application for our Summer Camp programs. Upon further discussion with our Area E director, we have decided to go an alternate route with the transportation project. As thus, please disregard the shuttle transportation project priced at \$4000.00.

I look forward to hearing your decision and I am available for and happy to answer any questions you have about our programs. We are excited to be hosting a volunteer Social Worker who specializes in outdoor recreation from Vancouver and with that, we are really embracing a holistic approach to empowering our youth as leaders, from staff to participants.

Thank you for your time,

A handwritten signature in blue ink, appearing to read "Colby Mullis", with a long horizontal flourish extending to the right.

Colby Mullis,

Aquatic Coordinator, GWMP
Corporation of the City of Greenwood



West Boundary Recreation Grant Application

The purpose of this grant is to facilitate and foster recreation programs, with a focus on physical activity, for the residents of the West Boundary.

Applicant/Requesting Group	Greenwood Municipal Swimming Pool		
Mailing Address:	P.O Box 129 Greenwood BC VOH1J0		
Phone:	250-445-2375	Email:	pool.greenwoodcity@shaw.ca
Contact Person (Representative)	Colby Mullis		
Amount of grant request?	\$3000.00		
What is the purpose of the grant?	<p><u>The funds being requested will be put towards the scheduled "Sports Camp" & "Wild Art Camp".</u></p> <p><u>Money will be directly utilized for:</u></p> <ul style="list-style-type: none"> ▪ <u>Drinks & Snacks for kids</u> ▪ <u>Purchase of equipment that will be retained for future use (yoga mats, parachute for field games, painting equipment)</u> ▪ <u>Remainder will help supplement wages for additional staffing that these programs will require.</u> 		
Who will the grant benefit?	<p><u>This grant will benefit youth of the West Boundary, ages 7 through 13. We are able to accommodate as many children as there are that register.</u></p> <p><u>This will also be beneficial to the youth leaders that we employ as they will get the opportunity to work with our volunteer Social Worker in developing the programs.</u></p>		
What are the other funding sources for this program/event?	<u>Corporation of the City of Greenwood is the only funding that is involved with this project.</u>		

Are the participants being charged to participate?	<p style="text-align: center;"><u> X </u></p> <p>Yes No</p> <p>If yes, how much? <u>\$60.00 (Please note that we are working with Canadian Tire Kick Start to ensure this cost is not an obstacle to local youth)</u></p>		
Estimated # of benefiting participants?	20 to 40		
Where will the program/event be held?	<u>City of Greenwood, Barbara Colin Memorial Park, the Municipal Swimming Pool, hikes on the Trans Canada Trail (with Trail Coordinator)</u>		
When will the program/event be held?	<u>Sport Camp – July 30th to August 3rd</u> <u>Outdoor Camp – August 13th to August 17th</u>		
Signature of Authorized Representative		Date	

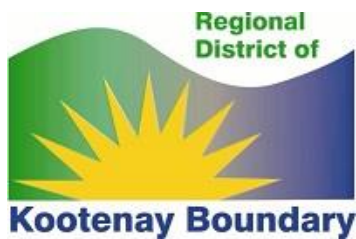
Completed forms should be sent to: Regional District of Kootenay Boundary
202-842 Rossland Avenue
Trail, BC V1R 4S8
Email: westboundaryrec@rdkb.com

Office Use Only

Date Received			
Date Presented to the Boundary Community Development Committee			
Approved		Denied	
Amount approved			

Art & Nature Camp (Ages 7 to 13)	
Food	\$90.30
Drinks est. at 15 kids @ \$0.67 / day (multiply by two camps)	\$10.05
Snacks est. at 15 kids @ \$5.35 /day (multiply by two camps)	\$80.25
Equipment	\$700.00
Painting Equipment	\$200.00
Jars / Containers	\$80.00
Baskets	\$20.00
Yoga Mats (For both camps)	\$400.00
Wages*	\$1,374.75
40 Hour Work Week @ \$13.75 & @\$15.50	\$1,170.00
7 Hours of Camp Prep Work with Aquatic Coordinator and Camp Leader	\$204.75
TOTAL	\$2,165.05

Sports Camp (7 to 13)	
Food	\$90.30
Snacks est. at 15 kids @ \$5.35 /day (multiply by two camps)	\$80.25
Drinks est. at 15 kids @ \$0.67 / day (multiply by two camps)	\$10.05
Equipment	\$550.00
Basketballs	*To borrow equipment from elementary
Tennis Equipment	school*
Parachute (WalMart)	\$150.00
Hoop Equipment	\$400
Wages*	\$1,374.75
40 Hour Work Week @ \$13.75 & @\$15.50	\$1,170.00
7 Hours of Camp Prep Work with Aquatic Coordinator and Camp Leader	\$204.75
*Junior position, will work under a Youth Leader / Camp Programmer	
TOTAL	\$2,015.05



STAFF REPORT

Date: March 14th, 2018 **File**
To: Chair Roly Russell and Members of the
 RDKB Board of Directors
From: Chris Marsh,
 Manager of Emergency Programs
**Re: REQUEST FOR RESOLUTION TO SEEK GRANT OPPORTUNITY – UBCM
 FIRESMART PLANNING & ACTIVITIES GRANT PROGRAM**

Issue Introduction

A staff report from Chris Marsh, Manager of Emergency Programs presenting the opportunity presented by the UBCM Strategic Wildfire Prevention Initiative – FireSmart Planning and Activities grant program.

History/Background Factors

The Union of British Columbia Municipalities has opened a grant intake specifically to further FireSmart Program uptake in communities across BC.

The Emergency Preparedness Service wishes to submit an application to the Strategic Wildfire Prevention Initiative for this opportunity totaling \$10,000. These funds will be used to support a FireSmart Project within the resort community of Mount Baldy. This project will be undertaken as a shared project between the RDKB, Mount Baldy Resort and Davies Wildfire. The intent of the project is to increase awareness of interface fire danger among homeowners and to undertake wildfire danger assessments of individual homes.

If this project proves to be beneficial, it may be used as a model program for other communities within the RDKB, should further funding be made available.

The grant application process requires a Board resolution to confirm support for these planned improvements and willingness to provide overall grant management.

Implications

The assistance of Finance staff will be required to help administer these funds.

Advancement of Strategic Planning Goals

We will ensure we are responsible and proactive in funding our services.

Background Information Provided

Please see the attached SWPI grant application and budget.

Alternatives

1. That the board resolve to support the UBCM FireSmart grant application.
2. That the board does not support the grant application and that the board provide staff with direction.

Recommendation(s)

That the RDKB Board resolve to support the UBCM SWPI FireSmart Planning & Activities program grant application from Chris Marsh, Manager of Emergency Programs.

SWPI -

For administrative use only

Strategic Wildfire Prevention Initiative FireSmart Planning & Activities Grant Program

February 2018 Intake APPLICATION FORM

Please complete and return this form by February 23, 2018. All questions are to be answered by typing directly in this form. For detailed instructions regarding application requirements, please refer to February 2018 SWPI FireSmart Planning & Activities Grant Program & Application Guide.

SECTION 1: APPLICANT INFORMATION

Local Government or First Nation: Regional District of Kootenay Boundary	Date of Application: February 20, 2018
Contact Person*: Chris Marsh	Title: Manager of Emergency Programs
Phone: 250.368.0259	E-mail: cmarsh@rdkb.com

* Contact person must be an authorized representative of the applying local government or First Nation

SECTION 2: COMMUNITY INFORMATION

1. SCOPE OF PROJECT. Are the proposed activities for a specific neighbourhood or community within your local government/First Nation or for entire area? Please describe the proposed area.

The project area is located within the resort community of Mt Baldy Ski Resort, east of Oliver. The resort is surrounded by dense conifer forests and experienced a large scale wildfire in the early 1900s that resulted in the dense stands that currently surround the resort.

The community is the ideal candidate community for a FireSmart program as a means for residents to learn to improve the survivability of their homes.

2. FIRESMART COMMUNITY RECOGNITION. Has your First Nation or a neighbourhood or community within your local government/First Nation achieved FireSmart Community Recognition status from Partners in Protection?

Parts of the City of Rossland have achieved neighbourhood recognition as a FireSmart Community.

3. LOCAL FIRESMART REPRESENTATIVE TRAINING. Has a staff person, elected official or community member in your local government or First Nation completed the Local FireSmart Representative workshop? Please indicate the workshop date and location.

No. The Resort is working with Andy Low (RPF) and John Davies (RPF) of Davies Wildfire Management Inc on wildfire related projects within the resort.

SECTION 3: PROJECT INFORMATION

4. PROJECT INFORMATION.

Project title: Mt Baldy Resort FireSmart Project

Proposed project start and end dates: Start: April 1 End: September 30

Total Project Budget: 10,000.00

5. DESCRIPTION OF PROPOSED ACTIVITIES. Please describe the specific activities you plan to undertake. Refer to Table 1 in the Program & Application Guide for the FireSmart disciplines and eligible activities.

Initiate contact with the residents and advertise a public meeting for a neighbourhood FireSmart presentation; hold a public presentation for the residents; conduct a workshop, site review and hazard assessment with the community champion; compile assessment details into a FireSmart Plan for review by the board; present plan to the board for review, receive comment and edits and amend into final plan; advertise, plan, organize and implement a FireSmart event day; complete UBCM final reporting; complete FireSmart recognition application documents.

6. OUTCOMES/PROGRESS TO DATE. If you have previously received funding under the SWPI FireSmart grant program, please provide an update on the outcomes of those funded projects or a summary of progress to date.

There have been no previous FireSmart projects in Mt Baldy.

7. INTENDED OUTCOMES & DELIVERABLES. What will be the specific deliverables? How will the project encourage communities and citizens to adopt and conduct FireSmart practices to mitigate the negative impacts of wildfire to assets on community and private property?

Public presentations and on site home/yard reveals will be used to educate the residents on what each individual property owner needs to do on their property; a FireSmart Community Plan will be developed from the hazard assessment results for the community to serve as a document that will drive ongoing mitigation within the community; final outcome will be to apply for community FireSmart recognition.

8. COMMUNITY PARTNERS. Please list all confirmed partners (e.g. community or resident organization, First Nation or Aboriginal organization or other local government) that will directly participate in your project and the specific role they will play.

This project will be driven by the RDBK and the community.

SECTION 4: REQUIRED APPLICATION MATERIALS

Only complete applications will be considered for funding. The following separate attachments are required to be submitted as part of the application:

- ☒ Completed Application Form
- ☒ Local government Council or Board resolution, or First Nation Band Council resolution, indicating support for the current proposed activities and willingness to provide overall grant management
- ☒ Detailed budget

SECTION 5: SIGNATURE (To be signed by Local Government or First Nation Applicant)

Applications are required to be signed by an authorized representative of the applicant. Please note all application materials will be shared with the Province.

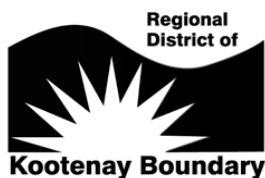
Name: Beth Burget For Mark Andison	Title: General Manager of Finance for the CAO
Signature:	Date: 22-Feb-2018

All applications should be submitted to:

Local Government Program Services, Union of BC Municipalities

E-mail: swpi@ubcm.ca

Mail: 525 Government Street, Victoria, BC, V8V 0A8



STAFF REPORT

Date:	March 27, 2018	File #:	C-23
To:	Chair Russell and Members of the Board of Directors		
From:	Ken Gobeil, Planner		
RE:	Regional District of Central Kootenay Referral – Electoral Area 'G' Land Use Bylaw		

ISSUE INTRODUCTION

The RDKB has received a referral from the Regional District of Central Kootenay (RDCK) for a draft land use Bylaw in their Electoral Area 'G'. The RDKB has been asked to provide comments on the draft bylaw as part of the RDCK external referral process.

HISTORY / BACKGROUND INFORMATION

Electoral Area 'G' in the RDCK neighbours Electoral Area 'A' in the RDKB, and is near Fruitvale. The Beaver Valley Water Service, which provides water for residents of Fruitvale and Electoral Area 'A' in the RDKB receives water from Kelly Creek. The Kelly Creek Community Watershed and the Kelly Creek Reservoir for the Beaver Valley Water Service are located within the RDCK Electoral Area 'G'.

PROPOSAL

The RDCK has made revisions to the Electoral Area 'G' Land Use Bylaw No. 2452 following a public hearing and opinion poll conducted in 2017. Revisions include clarity on bylaw provisions, and the addition of new information for community assets, water protection, development permit areas, emergency management and emergency response.

The Land Use Bylaw has been prepared with an Official Community Plan as "Schedule A" and a Zoning Bylaw as Schedule 'B'.

Kelly Creek is documented in their draft RDCK Official Community Plan as Environmental Reserve. It has also been identified as an area with moderate wildfire risk. The Kelly Creek watershed is within the 'Watercourse Development Permit (WDP) Area'. The purpose of this Development Permit area is to ensure that development does not adversely affect watercourses. In this draft bylaw, any area within a 30-metre buffer of the high water mark of Kelley Creek must be developed to the standards established in the Development Permit Area.

Page 1 of 3

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The draft zoning bylaw excludes the Kelly Creek Reservoir from any zoning requirement.

IMPLICATIONS

The portions of the RDKB adjacent to the RDCK, and in the vicinity of Kelly Creek, and the Kelly Creek Reservoir are:

- Designated as 'Rural' in Official Community Plan Bylaw No. 1410.
- Zoned 'Rural' in Zoning Bylaw No. 1460

Permitted land uses include, agriculture, resource use, and kennels.

Within the proposed RDCK bylaw, the Official Community Plan does identify Kelly Creek, and offers protection from adverse development by including the area within a development permit area.

The Development Permit Area requires that development is in accordance with the recommendations of an assessment report prepared by a Qualified Environmental Practitioner (QEP). The report must be in accordance with the Provincial Riparian Areas Regulation Assessment Methods at the expense of the applicant. Development Permit information can be found in Section 17 of Schedule 'A' or from pages 42-46 of the land use bylaw.

By not including this area within a Zoning Bylaw there are no restrictions on land use. However, most of this area is owned by the Crown, the most likely uses in this area will be forestry, which is provincially regulated. Provincial regulations and common forest practices includes provisions for water protection.

ADVISORY PLANNING COMMISSION (APC)

The Electoral Area 'A' APC met on March 6, 2018, discussed the proposed land use bylaw and made the following recommendation:

The committee's consensus was that the Provincial regulations and forest practices provides protection for the watershed. There were no recommendations to amend the RDCK land use bylaw.

ELECTORAL AREA SERVICES (EAS) COMMITTEE

During the March 15, 2018 EAS meeting the following resolution was made:

That the referral from the Regional District of Central Kootenay for proposed land Use Bylaw No. 2452 be forwarded to the Regional District of Kootenay Boundary Board of Directors for consideration with a recommendation that the Regional District of Kootenay Boundary supports the provisions in Land Use Bylaw No. 2452 that include measures to protect the Kelly

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Creek Community Watershed which is a source of drinking water for the Village of Fruitvale and Electoral Area 'A'.

PLANNING AND DEVELOPMENT COMMENTS

The RDCK noted that the Development Permit areas might change or expand as more comments are received.

RECOMMENDATION

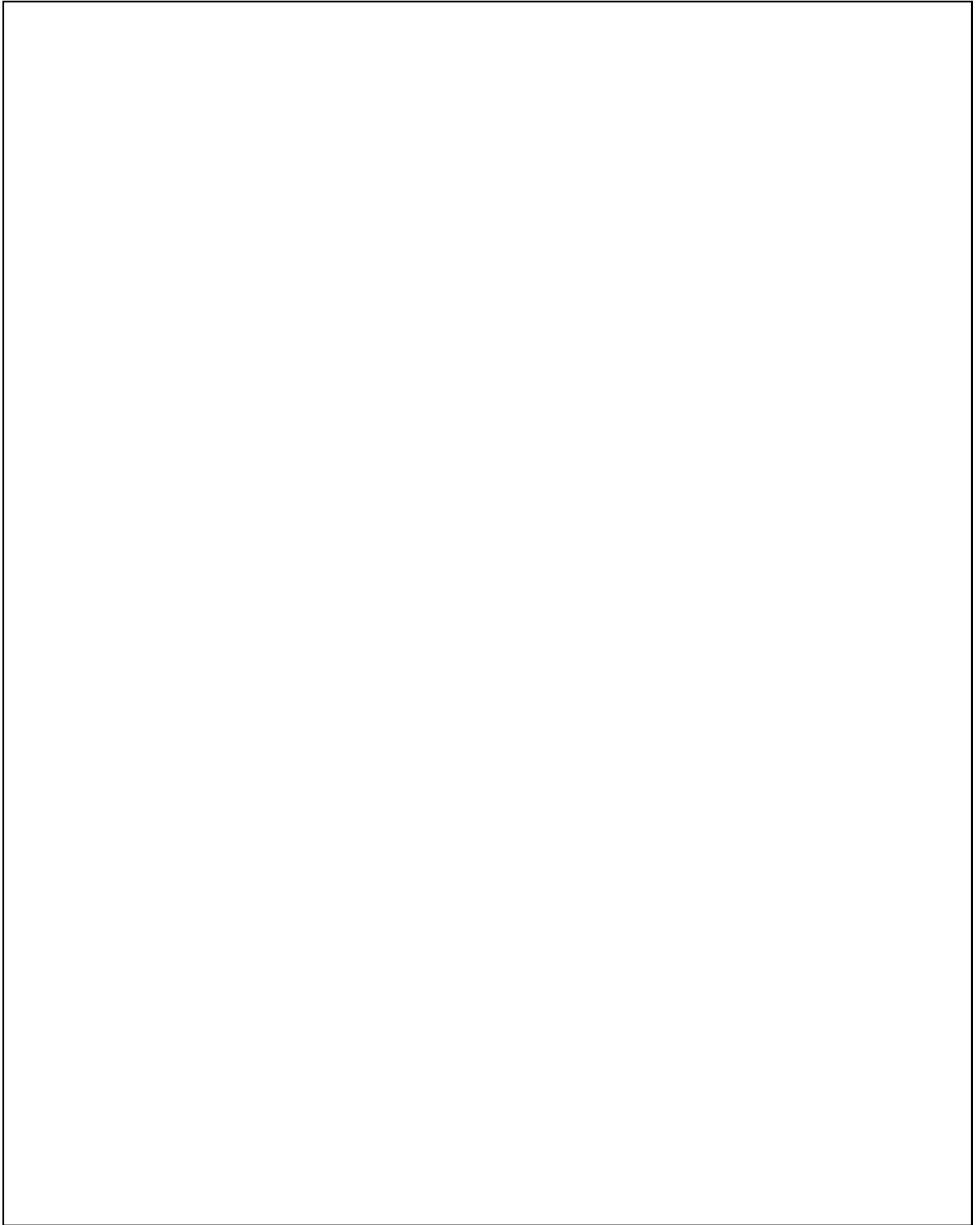
That the Regional District of Kootenay Boundary supports the provisions in the Regional District of Central Kootenay Land Use Bylaw No. 2452 that include measures to protect the Kelly Creek Community Watershed, which is a source of drinking water for the Village of Fruitvale and Electoral Area 'A'.

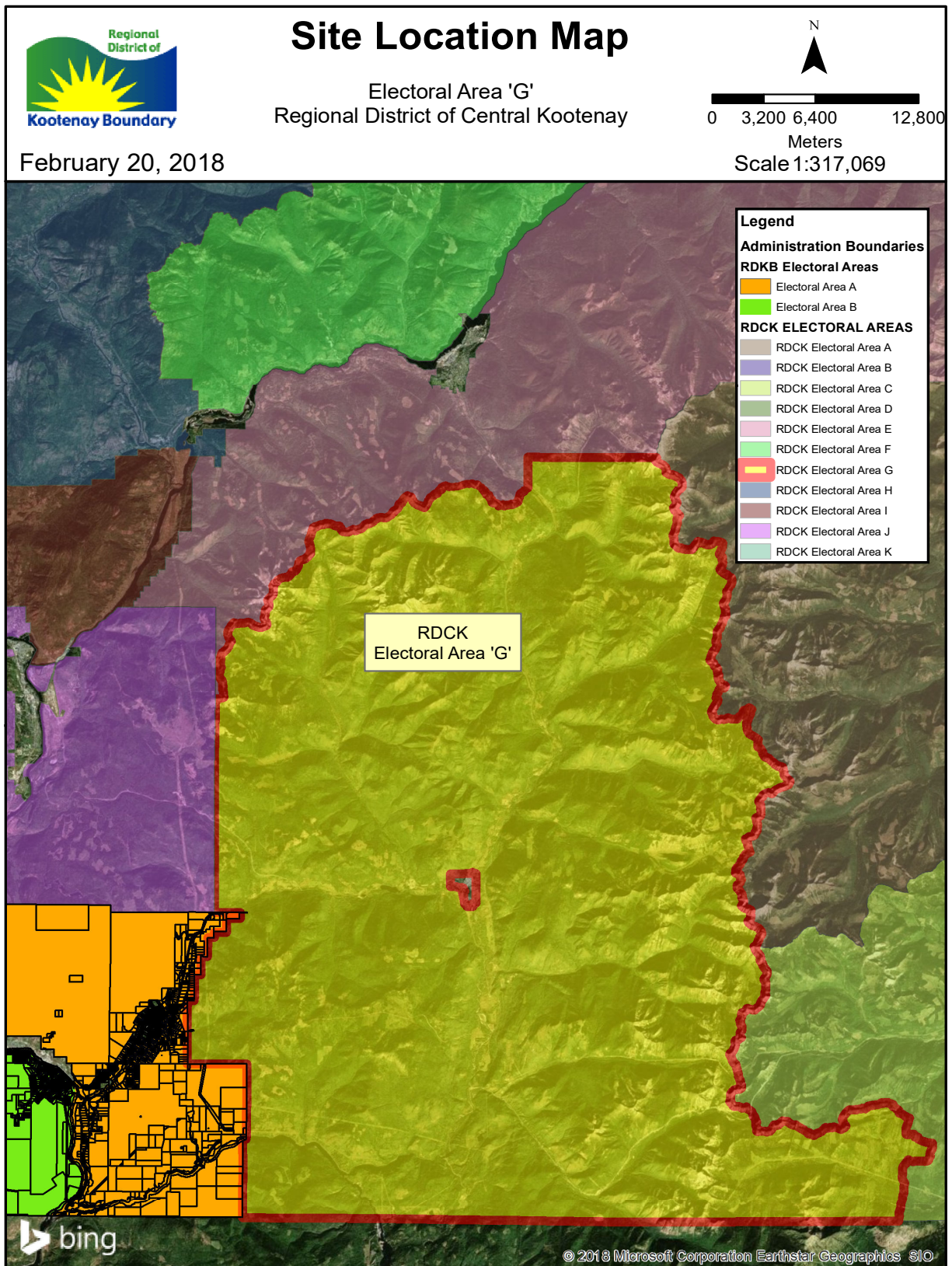
ATTACHMENTS

*RDCK Electoral Area 'G' Site Location Map
Kelly Creek Reservoir Site Location Map
RDCK Draft Electoral Area 'G' Land Use Bylaw
Bylaw Schedules that include the Kelly Creek Reservoir*

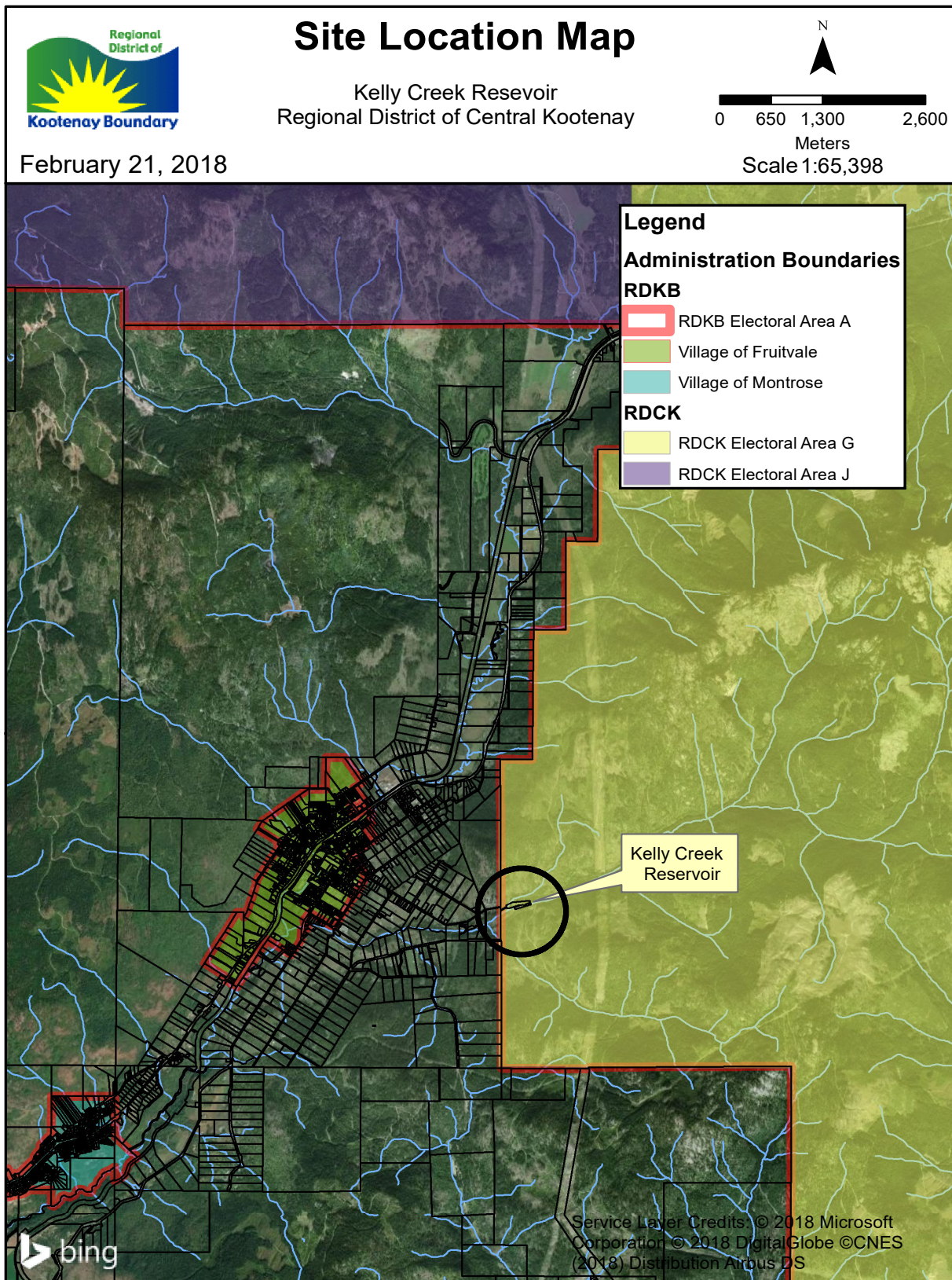
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SALMO RIVER VALLEY

**ELECTORAL AREA G LAND USE
BYLAW NO. 2452, 2017**

**Regional District of Central Kootenay
Electoral Area 'G' Land Use Bylaw No. 2452, 2017**

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**Regional District of Central Kootenay
Electoral Area 'G' Land Use Bylaw No. 2452, 2017**

A Bylaw to regulate land use and development within Electoral Area G pursuant to Part 14 of the *Local Government Act of British Columbia, R.S.B.C. 2015*.

TITLE

This Bylaw may be cited for all purposes as the 'Electoral Area 'G' Land Use Bylaw No. 2452, 2017'.

AUTHORITY

WHEREAS under the provisions of Section 472 of the *Local Government Act* the Regional Board may adopt an Official Community Plan for an area, including provisions for the designation of Development Permit Areas under Section 488 of the *Local Government Act*;

AND WHEREAS under the provisions of Sections 479, 492, 523, 525, 526 and 527 of the *Local Government Act* the Regional Board may adopt a Zoning Bylaw allowing the Regional District to regulate and/or prohibit the use and density of land, buildings and other structures; the siting, size and dimensions of buildings, other structures and uses permitted on the land; regulate the minimum and maximum lot area of land created by subdivision; designate areas in which temporary uses may be allowed by permit; provide provisions for runoff control through maximum lot coverage requirements; require provisions for off-street parking and loading spaces; regulate the number, size, type, form and location of signage; and set standards for the provision of screening and landscaping;

AND WHEREAS under the provisions of Section 227 of the *Local Government Act* the Regional Board may by General Bylaw, exercise any number of its powers to act by Bylaw;

AND WHEREAS the Regional Board has prepared a combined Official Community Plan contained herein as Schedule 'A' and Zoning Bylaw contained herein as Schedule 'B';

AND WHEREAS the Regional Board may adopt a Bylaw and each reading of the Bylaw must receive an affirmative vote of a majority of all directors of the Regional Board who are entitled to vote on that Bylaw;

AND WHEREAS the Regional Board has consulted and complied with Sections 475 and 476 as required under the *Local Government Act* for that portion of this Bylaw that is an Official Community Plan;

AND WHEREAS the Regional Board has consulted and complied with Section 464 as required under the *Local Government Act* for that portion of this Bylaw that is a Zoning Bylaw;

Cover Bylaw - Electoral Area 'G' Land Use Bylaw No. 2452, 2018

AND WHEREAS it is recognized that the requirements for consultation under Sections 475 and 476 of the *Local Government Act* will be applied to proposed bylaw amendments that fall under Schedule 'A' of this Bylaw and that the requirements for consultation under Section 464 will be applied to proposed bylaw amendments that fall under Schedule 'B' of this Bylaw.

APPLICATION

NOW THEREFORE the Regional Board of the RDCK, in open meeting assembled, enacts as follows:

1. Schedule 'A' being the components of an Official Community Plan and as applicable to that portion of Electoral Area G as outlined in Schedules A.1, A.2, A.3 and A.4 being mapping forming part of the Official Community Plan; and
2. Schedule 'B' being the components of a Zoning Bylaw and as applicable to that portion of Electoral Area 'G' as outlined in Schedule 'B.1' being mapping forming part of the Zoning Bylaw

is adopted as the 'Regional District of Central Kootenay Electoral Area 'G' Land Use Bylaw 2452, 2017'.

ADMINISTRATION AND ENFORCEMENT

The Manager of Development Services, Planning Services, Building Services and Bylaw Enforcement Services, and any other person authorized to assist the aforementioned persons are authorized to administer this Bylaw and enter property at any time to determine whether the regulations of the Bylaw are being complied with.

VIOLATION AND PENALTY

Any person who contravenes any provision of this Bylaw commits an offense punishable on summary conviction and is liable to a fine not exceeding \$200 for the first and second offense, and \$400 for any subsequent offenses, and the costs of prosecution.

VALIDITY

If any statement, section, sub-section, clause, sub-clause or phrase of this Bylaw and the provisions adopted by this Bylaw is for any reason held to be invalid by a decision of a court of competent jurisdiction; the decision shall not affect the validity of the remaining portions of this Bylaw.

TRANSITION

The Electoral Area 'G' Rural Land Use Bylaw No. 1335, 1998, and all subsequent amendments thereto, are hereby repealed.

READINGS, APPROVALS AND ADOPTION

READ A FIRST TIME on this 15th day of June, 2017.

READ A SECOND TIME on this 15th day of June, 2017.

REGIONAL BOARD CONSIDERATION OF SECTION 477 OF THE *LOCAL GOVERNMENT ACT* this 15th day of June, 2017.

PUBLIC HEARING held this 4th day of July, 2017.

APPROVED by the Ministry of Transportation and Infrastructure Approving Officer this day of _____, 2018.

Approving Officer

THIRD READING AND ADOPTED this _____ day of _____, 2018.

Karen Hamling, RDCK Board Chair

Mike Morrison, Corporate Officer

I hereby certify the foregoing to be a true and correct copy of Bylaw No. 2452 cited as the 'Electoral Area 'G' Land Use Bylaw No. 2452, 2017' as adopted by the Regional Board on this day of _____, 2018.

Dated at Nelson, BC this _____ day of _____, 2018.

Mike Morrison, Corporate Officer

LIST OF SCHEDULES, MAPS, AND FIGURES

<u>Schedule 'A'</u>	<u>Official Community Plan</u>
Schedule A.1	Land Use Designation Maps
Schedule A.2	Hazard Maps and Critical Infrastructure
Schedule A.3	Parks, Trails, and Community Assets
Schedule A.4	Watercourse Development Permit Area
 <u>Schedule 'B'</u>	 <u>Zoning Bylaw</u>
Schedule B.1	Zoning Designation Maps

Note: Schedule 'A' and Schedule 'B' Map Series can be viewed either on the RDCK website at www.rdck.bc.ca or in hard copy at the RDCK office. Original mapping schedules are as adopted in hard copy as part of the Bylaw. Any subsequent amendments are maintained electronically.

Acronyms used in this document

Agricultural Land Commission	ALC
Agricultural Land Reserve	ALR
Land Use Bylaw	LUB
Regional District of Central Kootenay	RDCK
Watercourse Development Permit	WDP

LAND USE MAP DESIGNATIONS

The development of land within portions of Electoral Area 'G' following adoption of this Bylaw should be consistent with the overall pattern of land use depicted on Schedules 'A.1' and Schedule 'B.1', and based on the following land use designations and zoning designations:

<u>Residential Designations:</u>	<u>Land Use:</u>	<u>Zoning:</u>
Town-site Residential	RS	R1
Country Residential	RC	R2
Rural Residential	RR	R3
Remote Residential	RR	R4
Multi-Unit Residential	RMU	R5
<u>Commercial Designations:</u>	<u>Land Use:</u>	<u>Zoning:</u>
General Commercial	GC	C1
Tourist Commercial	TC	C2
<u>Industrial Designations:</u>	<u>Land Use:</u>	<u>Zoning:</u>
Industrial	M	M1
	M	M2
	M	M3
Quarry	Q	Q
<u>Community Services and Administrative Designations:</u>	<u>Land Use:</u>	<u>Zoning:</u>
Community Services	CS	CS
Public Utility	U	U
Parks and Recreation	PR	PR
Environmental Reserve	ER	ER
<u>Rural Designations:</u>	<u>Land Use:</u>	<u>Zoning:</u>
Agriculture	AG	AG
Resource Area	RA	RA
Forest Reserve	FR	FR

SCHEDULE 'A'
OFFICIAL COMMUNITY PLAN
Regional District of Central Kootenay
Electoral Area 'G' Land Use Bylaw No. 2452, 2017

1.0 COMMUNITY VISION AND GUIDING PRINCIPLES

In developing the Electoral Area 'G' Community Plan, the following principles were considered:	
Community Stewardship	<p>Support healthy, clean and resilient communities based on an ecosystem approach, by ensuring that environmental integrity and diversity are maintained in land use decisions.</p> <p>In support of a resilient community, the OCP should serve to preserve and enhance the local economy, the health and well-being of its residents and property owners, and the natural environment.</p>
Attractive, Liveable and Affordable	<p>Create attractive and liveable communities that offer a wide range of opportunities for residents and property owners.</p> <p>Strive toward enhancing the quality of life for residents by providing a range of housing, job and leisure opportunities.</p>
Public Involvement	<p>Public involvement is a cornerstone of land use decision making within the community area.</p> <p>Public involvement helps to ensure sound decision-making, enhances public education and provides opportunities for residents and property owners to contribute suggestions, knowledge and expertise.</p>
Support Existing and New Business	<p>Create a community development pattern that supports the existing business community and promotes new business development opportunities by protecting critical areas of economic enterprise and promoting a variety of locations for economic activity.</p> <p>A strong and diverse local economy is essential to enhance the quality of life enjoyed by area residents and property owners.</p>
Community Identity	<p>Foster unique, strong community identities.</p> <p>This community plan should contribute to the unique attributes of individual communities.</p>
Collaboration & Cooperation	<p>Promote collaboration, cooperation and partnerships between government agencies, non-governmental organizations, volunteers and private interests.</p> <p>These linkages enable the establishment of relationships between the public and private sectors and better connections between communities.</p>
Public Safety	<p>Support safe development.</p> <p>All development should be safe for the intended use wherever development occurs.</p>
Accountability	<p>The Regional District of Central Kootenay is accountable for the application and adherence to these principles and for implementation of developed policy.</p> <p>The RDCK should be seen to follow the principles identified.</p>

2.0 PURPOSE AND RELATED INITIATIVES

An Official Community Plan (OCP) sets out the long term vision for a community. It is intended to be a statement of objectives and policies to guide decisions on planning and land use management within the areas covered by the Plan.

While all bylaws enacted or works undertaken by the Regional District of Central Kootenay (RDCK) Board after the adoption of an OCP must be consistent with the Plan, amendments may be made to the OCP from time to time.

In circumstances in which matters are outside the jurisdiction of the RDCK, this OCP states broad community objectives. This OCP cannot, and does not, commit other government agencies or other organizations to act according to community objectives or policies.

The RDCK has undertaken the following related initiatives that have informed the development of this Official Community Plan. These include as follows:

- ✓ Regional District of Central Kootenay Salmo and Ymir Community Wildfire Protection Plans (2008)
- ✓ Regional District of Central Kootenay Regional Parks Strategy (2009)
- ✓ Regional District of Central Kootenay SustainABLE Central Kootenay (2010)
- ✓ Regional District of Central Kootenay Water Management Plan and Acquisition Strategy (2010)
- ✓ Regional District of Central Kootenay Agricultural Area Plan (2011)
- ✓ Regional District of Central Kootenay Resource Recovery Plan (2011)
- ✓ Regional District of Central Kootenay Parks Regulation Bylaw (2011)
- ✓ Regional District of Central Kootenay Waste Water Management Plan (2012)
- ✓ BC Transit West Kootenay – Transit Future Plan (2013)
- ✓ Regional District of Central Kootenay Agricultural Land Use Inventory (2016)
- ✓ Regional District of Central Kootenay Strategic Community Energy and Emissions Plan (SCEEP) (2016)

3.0 RESIDENTIAL

Background



This section outlines the objectives and policies for Town-site Residential, Country Residential, Rural Residential, Remote Residential and Multi-Unit Residential designations in the areas covered by this Plan (OCP).

Electoral Area 'G' has a population of 1,627 persons based on 2016 census data. The area has a total of 794 dwellings, most of which are single person or two person households. One family dwellings and modular homes are the predominant housing type.

Development activity with regard to subdivision in the area remains small scale with an average of 14 new lots being created per year. Similarly, building activity tends to be focused on renovations and additions to existing residential structures.

Electoral Area 'G' is expected to grow due to parallel growth in the proximate communities of City of Nelson and Castlegar. It is anticipated that there will be an increase in population of 80 new residents within five years and 160 new residents over a ten year period¹.

General Residential Objectives

1. Accommodate anticipated residential growth in a manner that protects the rural character, environmental integrity, and the social and cultural diversity of the Plan area.
2. Encourage a variety of residential locations, types, tenures, and densities, including mixed use buildings in commercial areas to accommodate expected growth in the community and to accommodate options for housing affordability.
3. Direct residential development of less than 1 hectare (2.47 acres) to established residential areas and municipalities to ensure efficient use of existing services, amenities, and infrastructure.
4. Encourage high quality design, building, development and landscaping standards that improve energy efficiency and maintain and enhance rural character.
5. Support accessibility in housing to ensure that seniors and those with mobility challenges are able to reside safely in their respective communities.

¹ Columbia Basin Selkirk College Rural Development Institute (2012) and (2016) Census Data

6. Continue to provide for the keeping of farm animals and market gardens on residential properties provided that the keeping of farm animals is conducted in a manner that minimizes negative impact to adjacent property owners.
7. Continue to enable income-generating accessory uses including home based business and tourist accommodation opportunities, provided that they are compatible with the residential character of Plan area communities.

General Residential Policies

The Regional Board:

8. Will accommodate anticipated residential growth in the areas designated as residential on Schedule A.1 mapping.
9. Will increase housing diversity and choice in the community through allowing for accessory dwellings such as: secondary suites, cottages, carriage houses and garage suites to increase the number of dwellings available for rental occupancy and to single occupancy households.
10. Will support initiatives to provide for special needs housing required for seniors and those with mobility issues or in need of support, within the Village of Salmo or Ymir where servicing needs can be met given the predominately rural nature of the Plan area.
11. Will assess and evaluate proposed residential development based on the following:
 - a. capability of accommodating on-site domestic water and waste water disposal;
 - b. capability of the natural environment to support the proposed development, and any impacts on habitat and riparian areas;
 - c. susceptibility to natural hazards including but not limited to flooding, slope instability or wildfire risk;
 - d. compatibility with adjacent land uses and designations, and how the form and character complements the surrounding rural area;
 - e. proximity and access to existing road networks and other community and essential services if they exist; and
 - f. mitigation of visual impacts where development is proposed on hillsides and other visually sensitive areas.
12. Recognizes that existing lots smaller than the minimum lot size permitted by designation may be used for the purposes permitted in the designation provided all other regulations are met.
13. Encourages the clustering of residential development to create separation between neighbouring developments and to avoid continuous sprawl-like development where feasible.

14. Encourages the infill of vacant residential lots before development of new residential areas, in addition to the consolidation of small residential lots to address safe building and servicing requirements.
15. Recognizes the limitations for further residential development in specified areas of Ymir and Rosebud Lake where water supply may be limited or septic servicing at capacity.

Town-site Residential (RS) Policies

The Regional Board:

16. Directs that the principal use shall be one-family, two-family or multi-family dwellings.
17. Will allow for accessory buildings and structures, accessory dwellings, accessory tourist accommodation, home-based business, horticulture and the keeping of farm animals as accessory uses.
18. Supports residential development with lot sizes for subdivision determined by the level of available or proposed servicing. Density may increase with the provision of community water and waste water disposal.
19. Encourages directing higher density residential development to municipalities or existing residential nodes where infrastructure services are available or can be provided.
20. Encourages mixed use development that builds upon existing infrastructure.

Country Residential (RC) Policies

The Regional Board:

21. Directs that the principal use shall be one-family or two-family dwellings.
22. Will allow for accessory buildings and structures, accessory dwellings, accessory tourist accommodation, home-based business, horticulture and the keeping of farm animals as accessory uses.
23. Supports low density residential development with lot sizes for subdivision purposes determined by the capacity for on-site servicing, such as ground or surface water and Type 1 waste water disposal.

Rural Residential (RR) Policies

The Regional Board:

24. Directs that the principal use shall be one-family or two-family dwellings, horticulture or portable sawmills.

- 25. Will allow for accessory buildings and structures, accessory dwellings, accessory tourist accommodation, home-based business, horticulture, keeping of farm animals, kennels and small scale wood product manufacturing as accessory uses.
- 26. Supports rural residential development with lot sizes for subdivision that generally exceed 2.0 hectares.
- 27. Supports remote residential development with lot sizes for subdivision that generally exceed 4.0 hectares for properties that do not have access to a maintained public road or other servicing constraints.

Multi-Unit Residential (RMU) Policies

The Regional Board:

- 28. Directs that the principal use shall be multi-family dwellings or manufactured home parks.
- 29. Will allow for accessory buildings and structures, home-based business and horticulture as accessory uses in Multi-Unit Residential developments.
- 30. Will allow for accessory buildings and structures, and common facilities associated with a Manufactured Home Parks.
- 31. Supports that new Manufactured Home Parks will meet the standards for servicing and design as required under any applicable Regional District Manufactured Home Park Bylaw.
- 32. Supports residential development with lot sizes for subdivision determined by the level of available or proposed servicing. Density may increase with the provision of community water and waste water disposal.
- 33. Encourages directing higher density residential development to municipalities or existing residential nodes where infrastructure services are available or can be provided.
- 34. Encourages mixed use development that builds upon existing infrastructure.

4.0 COMMERCIAL AND INDUSTRIAL

Background

This section outlines the objectives and policies for General Commercial, Tourist Commercial and Industrial designations in Electoral Area 'G'

Most of the commercial and business needs within the Plan area are met within the Village of Salmo or Ymir. However, rural communities also support tourist accommodation and commercial facilities. There are many home-based businesses within the Plan area that are vital to the liveability and economic and social sustainability of rural communities.



Small and large scale industrial operations exist throughout the area, but are generally concentrated in and around the Highway 6 corridor. Principal industrial activities in the Plan area are orientated toward primary and secondary resource processing related to forestry, mining, machine and heavy equipment repair.

The need for additional commercial and industrial lands within the Plan area was not identified through community consultations or the Employment Lands Initiative undertaken by the Rural Development Institute at Selkirk College. There is renewed interest in potential production being initiated at several of the established mine sites due to new technologies in this industry. Over 600 mine sites are thought to have been operational in the Plan area at one time; many of which have resulted in contaminated lands and brownfields².

Commercial Objectives

1. Enhance the long term vitality and economic sustainability of the Plan area by supporting new and existing businesses and the creation of employment.
2. Provide for commercial activities servicing the needs of local residents and visitors.
3. Recognize the commercial and service center role of the City of Nelson and Village of Salmo and direct that commercial development in the rural communities will primarily be oriented toward serving local community needs and visitor needs.
4. Encourage home based businesses as a means of strengthening the economic base.
5. Expand employment opportunities associated with home based businesses and occupations.

² Salmo Watershed Stream-keepers (2010)

6. Accommodate temporary commercial uses in appropriate locations.

General Commercial (GC) Policies

The Regional Board:

7. Anticipates that general commercial needs will be accommodated within existing commercial nodes within the community of Ymir and Village of Salmo as designated on Schedule A.1 mapping.

Tourist Commercial (TC) Policies

The Regional Board:

8. Anticipates that tourist commercial needs will be accommodated throughout the Plan area on lands designated as such on Schedule A.1 mapping.
9. Encourages the development of a range of tourist accommodation types including campgrounds, lodges, resorts, and bed and breakfast establishments to diversify tourism opportunities in the community.
10. Enable commercial outdoor recreation, resort commercial, agri-tourism and eco-tourism opportunities such as trail rides, campgrounds and wilderness tours provided they do not have demonstrated detrimental impact on important habitat, riparian areas, or adjacent land uses.

Home-based Business and Accessory Tourist Accommodation Policies

The Regional Board:

11. Will promote home based businesses as a significant means of satisfying local employment needs provided they do not conflict with or negatively impact the natural environment and residential character of communities.
12. Will ensure that home based business opportunities remain flexible and accommodate expanded employment needs.
13. Will provide for accessory tourist accommodation, such as bed and breakfast operations and camping facilities, as a means of secondary income and to provide for diversity of choice for visitor accommodation. Tourist accommodation involving vacation rentals will be prohibited from residentially designated properties.

Industrial Objectives

14. Recognize and retain traditional resource-based livelihoods such as outdoor recreation, agriculture, wild harvesting, mining and forestry while ensuring sustainable management of their land base.

15. Ensure there is opportunity for light industrial uses in support of the local economy.
16. Support and enhance industrial uses within the Plan area while minimizing incompatibility with surrounding land uses through requirements for screening or landscaping.
17. Encourage value added resource manufacturing and production to enhance or maximize the value of raw materials within the local community.
18. Ensure good arterial access for existing and new industrial developments.

Industrial (M) Policies

The Regional Board:

19. Anticipates that industrial development needs will be accommodated within existing and proposed industrial areas as designated on Schedule A.1 mapping.
20. Ensure that proposals for new industrial operations have significant public input prior to development so that issues can be resolved to the satisfaction of the public and operator through the land use amendment or temporary use permit application process.
21. Recognizes the importance of industry to the local economy, and supports new light industry and value added manufacturing so that a broader employment base can be achieved and economic benefits retained in the local community.
22. Directs that requirements for screening or landscaping be incorporated into the design of new and expanded industrial developments.
23. Directs that new or expanded industrial developments take place on existing brownfield lots as to minimize further contamination of lands within the area.

5.0 COMMUNITY SERVICES

Background

The Community Services land use designation generally refers to land uses that serve a community's educational, health, social and cultural needs. Land uses may include schools, daycare facilities, public health facilities, group care facilities, libraries, museums, post offices, fire halls and government buildings. The Plan recognizes that many of the community services and administrative activities available to residents of the Plan area are centrally located in the Village of Salmo, City of Nelson, City of Trail or provided through regional partnerships.



The Area falls under Kootenay Lake School District No. 8 and educational facilities are provided for within the Village of Salmo and City of Nelson. There are presently no public health or group care facilities within the Plan area. Ymir has several community facilities, including: the community hall, old school house and gallery. Several community programs and events are hosted in these facilities throughout the year. A post office is also located in the communities of Ymir and Salmo.

Cemeteries are located in Ymir, Boulder Creek and rural Salmo.

Fire service is provided to portions of the Plan area through the Ymir Volunteer Fire Department and the Village of Salmo Volunteer Fire Department. Fire service is not presently available to the unincorporated communities of Rosebud Lake and Nelway.

Community Services Objectives

1. Direct community service and administrative developments to areas where services and amenities are more readily available and where they best serve the needs of the community.
2. Work with the Province and Kootenay Lake School District 8 to ensure public educational needs are being met through the provision of educational facilities and student transportation.
3. Support the establishment of daycare facilities and small group care facilities within residential areas or service areas such as Ymir and rural Salmo.

4. Recognize the importance of maintaining health service facilities and larger group care facilities centrally within the Village of Salmo, though consideration may be given to other areas where deemed appropriate and supported by the community.
5. Recognize the variety of social and cultural activities important to residents of the unincorporated communities within Electoral Area G.
6. Collaborate with local First Nations, including: the Ktunaxa, Nq̓lispélišc̓n, Nsyilxc̓n and Secwepemctsin speaking peoples in identification and conservation of archaeological and cultural values within the Plan area.
7. Support the Province, senior governments, aboriginal communities, individuals and interest groups in identifying and protecting places of scenic, architectural, historical, spiritual, archaeological and cultural significance within the Plan area.
8. Coordinate with the Village of Salmo and cemetery societies for Ymir and Boulder Creek to improve record of burials through inventory and mapping and to ensure that future needs are considered.
9. Investigate and support the expansion of fire protection services to all communities within the Plan area.
10. Ensure that land use decisions accommodate emergency response through provision of adequate access to developments and facilities for fire protection services and emergency first response where such services are provided.

Community Services Policies

The Regional Board:

11. Anticipates that community services needs are accommodated within existing and proposed facilities within the community of Ymir and Village of Salmo as indicated on Schedule A.1 mapping.
12. Will work cooperatively with the Village of Salmo, City of Nelson and the Province to direct community service and administrative facilities to areas where they are central, accessible and meet the needs of the broader community.
13. Will work with Kootenay Lake School District 8 to improve student transportation to educational facilities within the Village of Salmo and City of Nelson.
14. Will collaborate with support service partners in the Village of Salmo and City of Nelson with regard to efforts to reduce poverty levels in the community. Effort will be made toward providing choice of housing, enhanced access to affordable childcare options, access to services and enabling the production of and access to local food.
15. Will allow for daycare facilities and small group care facilities as home-based occupations on lands designated residential.

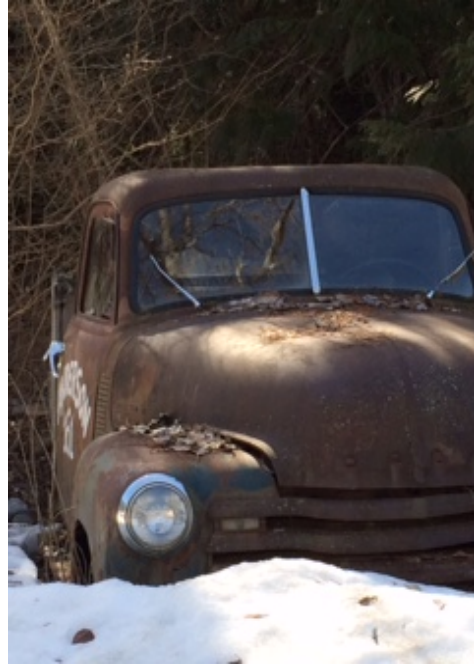
16. Will support the use of public and private lands for local community events as important contributors to the social and cultural values of the Plan area, provided that such events are supported by and do not negatively impact neighbouring properties.
17. Encourages maintenance and enhancement of recreational and cultural amenities in the community of Ymir, including: Ymir Community Hall, Schoolhouse, Ymir Hotel, the Palace, Tiny Lights Festival, community ice rink, skate board park, campground and other community events and venues.
18. Encourages that public spaces and buildings are designed or re-designed to accommodate accessibility.
19. Encourages a strong sense of community through support to local volunteer organizations.
20. Supports the establishment of a heritage registry for properties and lots with significant historical or cultural value to residents of the Plan area such as: the Schoolhouse, Fire Hall, Ymir Hotel and the Palace in the community of Ymir, the historic Doukhobor cemetery north of Salmo and Endersby museum near Erie.
21. Supports collaboration with local First Nations in the identification and protection of areas of archaeological and cultural value, including maintaining Aboriginal access for fishing and hunting, resource gathering and processing, burial sites, pictographs and places of other cultural significance.
22. Will continue to implement the RDCK Civic Addressing Bylaw to ensure that properties are appropriately addressed and that such addresses are posted in a manner as to facilitate emergency response.

6.0 AGRICULTURE

Background

The amount of designated and undesignated land that is in agricultural production in the rural area is an important factor in developing a secure local food system. Lands within the Agricultural Land Reserve (ALR) can be found throughout the Plan area. Lands outside of the ALR are used for rural residential and country residential purposes and may contain hobby farms and small market gardens. These small scale agricultural uses can be an important contributor to local food production. Agricultural operations and activities, such as livestock grazing, are also dependent on rural lands outside of the agricultural designation.

Lands within the ALR comprise only 3 percent of the land base in Electoral Area G. In 2016, 340 hectares of lands within the ALR were being used actively for the purposes of agricultural production. This figure compares to 154 hectares of land being used for residential purposes and 1,709 hectares remaining in a natural or semi-natural state. It is important to note that there are significant lands within the ALR within the Plan area that are not in active production due to Provincial ownership of such lands. The area has potential for agricultural expansion with focus on forage and meat production, as well as value added food processing. The short growing season and unpredictable frost cycles make the production of fruit and produce difficult³.



Agriculture Objectives

1. Preserve and promote the use of agricultural land for current and future agricultural production, and protect this land from uses which are inconsistent with agriculture or are incompatible with existing agricultural uses in the area.
2. Encourage the agricultural sector's viability by adopting supportive land use policies within and adjacent to farming areas and ensure adequate water and land resources for agricultural purposes with recognition of the importance of local food production.

³ RDCK Agricultural Area Plan (2011)

3. Discourage agricultural land uses that adversely impact the surrounding environment or compromise the capability of the land for future food production.
4. Minimize conflicts between agriculture and other land uses.
5. Encourage diversification and enhancing farm income by enabling uses secondary to and related to agricultural use consistent with the provisions of the *Agricultural Land Reserve Act*, associated regulations, orders and decisions of the Provincial Agricultural Land Commission.
6. Encourage senior levels of government to enable and facilitate agricultural activity and industry.
7. Support the Province, other agencies, non-profit societies and the agricultural community with the development of tools for the management of invasive and nuisance plant species to conserve agricultural values in the area.

Agriculture Policies

The Regional Board:

8. Anticipates that agricultural production will be accommodated within existing lands contained within the Agricultural Land Reserve and as designated on Schedule A.1 mapping.
9. Directs that the principal use of land designated Agriculture shall be agriculture.
10. Supports that new land use and subdivision of land within the Agricultural Land Reserve (ALR) shall be in accordance with the provisions of the *Agricultural Land Reserve Act*, associated regulations, orders and decisions of the Provincial Agricultural Land Commission.
11. May consider forwarding applications to the Agricultural Land Commission for subdivision and non-farm use in the ALR where the proposal does not negatively impact agriculture or agricultural potential.
12. Should consider potential impacts on water resources in agricultural areas when considering land use amendment applications not related to agriculture or subdivision and non-farm use proposals in the Agricultural Land Reserve.
13. Directs residential and non-farm uses to lands where there is low agricultural capability.
14. May consider buffering of commercial, industrial and high density residential development adjacent to agricultural areas.
15. May consider applications to subdivide lots smaller than that as permitted by zoning within the ALR, subject to the approval of the Agricultural Land Commission (ALC), in the following cases:
 - a. for a home-site severance under Provincial Acts and Statutes, where the subdivision or boundary adjustment will allow for more efficient use of

agricultural land or the better utilization of farm buildings for farm purposes;
or

- b. where the community interest in the subdivision of the land outweigh the community interest in the retention of the land in a larger lot.

16. Supports the consolidation of legal lots that may support more efficient agricultural operations.
17. Directs intensive agricultural operations to larger lots with increased building setbacks and other possible mitigation measures to prevent potential conflict with adjacent land uses.
18. Will enable secondary agricultural uses including home based business, agri-tourism or accessory tourist accommodation opportunities that are consistent with the provisions of the *Agricultural Land Reserve Act*, associated regulations, orders and decisions of the Provincial Agricultural Land Commission.
19. May consider secondary dwelling applications within the ALR in accordance with the density provisions of the associated zoning regulations of this Bylaw and with Provincial approval where necessary.
20. Will encourage food processing activities and broadened market opportunities, such as: market gardens, craft wineries, breweries and meaderies, farmers' markets and farm gate sales.
21. Supports the efforts of non-profit and community organizations with regard to sustaining local food security by enabling access to healthy foods for all residents.

7.0 PARKS AND RECREATION

Background

Electoral Area G contains two RDCK Regional Parks: the Great Northern Rail Trail which extends through Electoral Area G from Apex to the Village of Salmo and the Rosebud Lake Wildlife Refuge. Provincial sites include Champion Lakes Provincial Park and the former Erie Lake Provincial Park. Provincial recreation sites in the area include Clearwater, Salmo Riverside, Barrett Lake, Huckleberry Hut and Erie Creek.



Ymir and the Village of Salmo also maintain community park space: including a campground, skateboard park and picnic areas in Ymir, and Knights of Pythias Park and Springboard Park in the Village of Salmo. A volunteer run ski hill and golf course operate just south and east of the Village of Salmo.

Public recreational trails and public spaces of all types exist informally or are managed by local interest groups on Crown lands or public lands throughout the Plan area. Coordination and partnership with the RDCK and other government agencies strive to ensure that land development does not inhibit the potential of establishing and maintaining an integrated trail network.

Parks and Recreation Objectives

1. Develop a comprehensive regional park and trail system that is consistent and complementary with other parks and trails in the RDCK.
2. Encourage the Province to provide on-going access to public recreation sites, trails and forest service roads for the purposes of outdoor recreation, foraging and wild harvesting.
3. Partner with the Village of Salmo to ensure that the long term recreational needs of the community are met.
4. Support the enhancement of opportunities for children, youth, and adult recreational and leisure activity and the creation of inter-generational programs to improve youth engagement and encourage social interaction for rural seniors.

Parks and Recreation Policies

The Regional Board:

5. Supports the existing network of public outdoor recreation lots and trails, as well as the creation and extension of a connected network of trails and public corridors to access community parks, recreation areas, public open space and amenities where feasible and as indicated on Schedules A.1 and A.3.
6. Recognizes the importance and significance of the Great Northern Rail Trail at a community and regional level.
7. Recognizes the importance and significance of the Fort Shepard to Salmo portion of the Dewdney Trail at a community and regional level.
8. Supports continued dialogue and investigation of options toward dedicated non-motorized use on portions of the Great Northern Rail Trail in collaboration with all users.
9. Encourages on-going dialogue between residents of Porto Rico and the operator of the Rifle Range to ensure that community impacts are mitigated.
10. Supports the establishment of public access points along the Salmo River for the purposes of swimming, fishing and other recreational pursuits.
11. Supports opportunities to re-establish and enhance recreational and visitor facilities at Erie Lake and Rosebud Lake.
12. Encourages investigation into options for the potential purchase or protection of conservation lands in the vicinity of Rosebud Lake.
13. Encourages investigation into options for the conservation and on-going access to recreational lands associated with rock climbing adjacent to Highway 6 in proximity to Hall Siding.
14. Recognizes and supports the establishment of an integrated trail network between the various unincorporated communities of the Plan area and the Village of Salmo; including on-going and proposed improvements at the Salmo Ski Hill and south slopes between Erie and the Village of Salmo.

8.0 PUBLIC UTILITIES, WATER AND SEWERAGE

Background

There is one RDCK owned and managed water system within the Plan area that provides service to Ymir. Domestic and irrigation water supply is generally provided through groundwater wells or surface water licensing (both individual and small water users groups). Small water systems and individual water sources are vulnerable to drinking water advisories or over subscription of water resources. Areas that require water for both domestic and irrigation purposes can be especially vulnerable. There are no new community water systems proposed within the Plan area.

There are no publicly owned waste water disposal services in the area. Septic and waste water treatment plants are the present forms of sewage treatment. Refuse disposal for the area is provided at regional transfer and recycling depots in Ymir, Salmo and Nelson.

Utility services are provided for by BC Hydro and Fortis BC with large transmission corridors running from facilities along the Pend O'Reille for energy transmission. Telephone and internet services are provided through the placement of cell towers at Cottonwood Lake and Kapak Road. The communities of Rosebud Lake and Nelway do not have access to high speed internet services at the time of community plan development.

Servicing Objectives

1. Encourage coordination of land use planning and service delivery among the Regional District, Village of Salmo and senior levels of government to ensure that costs are minimized and services provided in an effective and efficient manner.
2. Investigate options for enhanced service delivery through regional partnerships where services or activities can not be sustainably supported within the rural areas.
3. Support expanded utility services in the Plan area where there is community need and desire.
4. Work toward supporting community health and safety within existing and proposed water and sewer systems within the Plan area through appropriate and affordable standards of service.
5. Encourage water license holders to register any unrecorded domestic and irrigation surface water sources.
6. Support measures to ensure that long term quantity and quality of water supplies are maintained or improved.
7. Promote water resource conservation strategies and reduce water demand through educative materials and voluntary incentives, particularly in areas where the water resource has already been over-subscribed.

8. Support the protection of groundwater and surface water sources from degradation through improper disposal of liquid waste.
9. Encourage reduction of solid waste through consumer habits, recycling, re-use and composting within the community.
10. Investigate the feasibility and applicability of alternative construction techniques and servicing requirements that reflect the needs of rural communities.

Servicing Policies

The Regional Board:

11. Anticipates that public utility needs will be accommodated within existing facilities as designated on Schedule A.1 and A.2 mapping.
12. Will investigate options for improved or expanded utility services within the Plan area in cooperation with affected communities where it is deemed necessary or desirable, with consideration given to long term feasibility and availability of resources. Decisions on improved or expanded utility services shall be made by the authority having jurisdiction and the community on a case by case basis.
13. Requires that any extension or modification of local infrastructure or creation of new infrastructure necessitated by the approval of subdivision or issuance of a building permit, including all costs for upgrades and design, be the responsibility of the developer or those benefiting from such improvements.
14. Encourages all users and government agencies having jurisdiction over water sources for domestic and irrigation use within the Plan area to use best management practices for conservation.
15. Encourages all property owners to investigate domestic water supply quality through testing and monitoring programs.
16. Applies the precautionary principle⁴ to ensure that the density and intensity of land use is not increased beyond available servicing capacity in areas which are known to have concerns with domestic and irrigation water supply.
17. Supports investigation into alternative and innovative building design, construction, and servicing techniques for residential and commercial construction within the Plan area, reflective of the needs of rural communities and supportive of green infrastructure.

⁴ Precautionary Principle' is an approach to decision- making in risk management which justifies preventive measures or policies despite scientific uncertainty about whether detrimental effects will occur (precautionary principle). *Webster's New Millennium™ Dictionary of English, Preview Edition (v 0.9.7)*.

18. Encourages the cooperation and coordination with and among utility companies in utilizing existing and proposed utility corridors for multiple uses, where feasible and compatible, as determined by the relevant service provider.
19. Will investigate the costs associated with, and long term feasibility of enhancing waste management facilities to expand recycling and composting.

9.0 AGGREGATE AND MINERAL RESOURCES

Background

Aggregate is an essential resource, vital to the prosperity and well-being of British Columbians and RDCK residents. Aggregate consumption in BC was estimated at about 50 million tonnes per year⁵, which is approximately equivalent to one dump truck load for every person in the Province.

Control over the development of aggregate extraction sites is retained by the Province. While there is interest in ensuring that extraction is conducted in an environmentally and community-friendly manner, there is also interest in ensuring that local aggregate sources are available or maintained in relatively close proximity to the demand. Aggregate resources exist throughout the Plan area, but have been identified to be of limited quantity and quality with many deposits within existing locations being exhausted.

Aggregate and Mineral Resources Objectives

1. Protect land with recoverable deposits of sand and gravel from adjacent uses that would limit or prohibit extraction, and identify lands having recoverable deposits of sand and gravel.
2. Minimize conflict between sand and gravel processing operations and adjacent land uses.
3. Encourage the Province to refer mineral exploration proposals to the RDCK for comment and give due consideration to the impact of resource extraction activities on surrounding land uses, sources of domestic and irrigation water supply, and development activity.
4. Strongly encourage the Province to inform and communicate with affected communities before Crown land is utilized for aggregate or mineral processing and that such proposals comply with RDCK zoning.
5. Encourage the protection and maintenance of sources of domestic and irrigation water supply as an integral part of the extraction and processing process for aggregates and other resources.
6. Encourage the Province to include in their licensing the on-going rehabilitation of aggregate extraction and mineral processing lots.
7. Support Provincial requirements for rehabilitation and reclamation of resource extraction lots.

⁵ British Columbia Stone, Sand and Gravel Association. 2014. Retrieved April 29, 2014 from <http://www.gravelbc.ca/aggregate/faq.html>.

Aggregate and Mineral Resources Policies

The Regional Board:

8. Anticipates that recoverable deposits of sand and gravel will be accommodated within existing quarry or industrial designated properties as indicated on Schedule A.1 mapping and that any new proposals will be subject to application for a land use amendment or temporary use permit.
9. Will consider land use designation amendment applications for the processing of aggregate or mineral resources on the basis of a variety of criteria; including but not limited to the:
 - a. extent of visual screening, and other mitigation works proposed;
 - b. type of processing proposed;
 - c. potential for noise and dust nuisance for nearby properties;
 - d. compatibility with adjacent land uses;
 - e. potential for light pollution;
 - f. potential for vibration from blasting of materials;
 - g. environmental sensitivity of the lot and adjacent land;
 - h. accessibility;
 - i. and the characteristics of the aggregate deposit and groundwater resources.
10. Encourages full utilization of recoverable deposits prior to development in areas where recoverable deposits are located.
11. Recognizes that much of the aggregate managed by the Ministry of Transportation and Infrastructure has been exhausted, but that such properties still serve an important role for the staging of equipment and materials during highway improvement projects.
12. Recognizes that the terms or conditions of this Bylaw can not restrict or conflict with any mineral or mining management activity relating to the exploration or production of minerals, sand, gravel, coal or quarries that is classified as a *mineral* or a *mine* under Provincial Acts and Statutes, so long as the Province manages the activities and land for that purpose.

10.0 HAZARD LANDS AND FIRE MANAGEMENT

Background

Hazard lands include areas the RDCK has reason to believe are subject to natural hazards including: wildfire, flooding, mud flow, debris torrents, erosion, rock fall, landslip, and avalanche.

Fire and the risk of fire associated with interface areas surrounding communities have led to many communities developing strategies to address this issue. The Plan area has many relatively isolated communities in which forest fire is of an extreme to moderate risk.

Hazard Lands Objectives

1. Prevent development in areas subject to known hazardous conditions, unless the hazard has been sufficiently addressed.
2. Prevent injury and loss of life and prevent or minimize property damage as a result of natural hazards.
3. Support inventories and studies to further determine the nature, extent, and risk of development below, on and adjacent to identified natural hazard areas.
4. Support the potential development of Development Permit Area guidelines to address known hazards where deemed appropriate and feasible.

Hazard Lands Policies

The Regional Board:

5. Directs development away from those lands that may have a potential natural hazard or have been identified as hazardous by the RDCK or other agencies having jurisdiction.
6. Directs development away from lands identified as being susceptible to soil instability and potentially hazardous geotechnical conditions; such as steep slopes or erosion areas.
7. Requires that the construction and siting of buildings and structures to be used for habitation, business, industry, or the storage of goods damageable by flood waters to be flood proofed to geotechnical standards and certified by a registered professional as safe for the use intended, where land that may be prone to flooding is required for development and no alternative is available.
8. Will work with other jurisdictions and other agencies responsible for flood and hazard mitigation and planning to improve flood and hazard mapping and information management to better inform land use decisions.

Fire Management Objectives

9. Reduce wild fire hazards and risk, particularly in and around communities and other high value areas.

Fire Management Policies

The Regional Board:

10. Supports protection of accesses to water sources such as hydrants, standpipes, lakes, and streams to remain free of obstructions for fire protection purposes.
11. Encourages local volunteer fire departments to work with the RDCK to keep up to date with emergency preparedness and with the identification of increased risk as a result of natural or man-made events.
12. Encourages voluntary efforts to reduce fire risk to existing buildings and new developments through educational materials and appropriate Fire Smart programs.
13. Supports the development and implementation of Community Wildfire Protection Plans and associated adjacent forest management strategies in areas of high to moderate wildfire risk.
14. Will evaluate opportunities to assist in Interface Fire Fuel Reduction treatment.
15. Will evaluate land development proposals with consideration to hazard mitigation, need for and ability to provide for year round access and emergency and protective services.
16. Will undertake on-going efforts to identify areas for safe refuge from wildfire events, evacuation routes, supply of water for fire suppression activities and the location of critical infrastructure and community assets as identified on Schedule A.2.



11.0 NATURAL ENVIRONMENT

Background

The natural environment is of significant value to the economy and livelihood of the Plan area for both resident and non-resident property owners, recreation, education, tourism, forestry, hunting, fishing and spiritual well being. It is recognized for its inherent value to wildlife and the ecological functioning of the area.



There are significant wildlife corridors and habitat values that have been identified. Riparian areas in the community have been heavily modified by historic mining, forestry and settlement patterns. Significant effort has been made with regard to improving fish and wildlife habitat along the Salmo River and its tributaries where such values have been compromised.

Natural Environment Objectives

1. Maintain high water quality of groundwater and surface water sources of domestic and irrigation water supply.
2. Foster an awareness of the values associated with the natural environment and conserve sensitive and significant natural features and values from the negative impacts of development.
3. Encourage the maintenance of biodiversity, important to the biological functioning and ecological integrity of the area.
4. Protect, restore and enhance natural areas and establish an interconnected ecosystem network of protected areas and corridors, wherever feasible.
5. Support the Provincial requirement that developers apply for and obtain appropriate permits and authorization for "Changes In and About a Stream" pursuant to the *Water Sustainability Act*.
6. Support the protection, enhancement and management of sensitive habitat areas for endangered or threatened species in the Plan area.
7. Encourage the province to recognize environmentally sensitive areas, hazard areas, and areas upstream of alluvial fans, and uphold the strictest regulation for forest and mining or mineral development in these areas.

Natural Environment Policies

The Regional Board:

8. Supports best management practices for land developers as found in applicable provincial guidelines and regulations.
9. Encourages on-going efforts and a collaborative approach toward the remediation and restoration of riparian areas that have been modified or determined to be at risk.
10. Supports the establishment of environmental reserves in areas identified as containing old growth trees or rare or vulnerable eco-system values at Rosebud Lake, Stag Leap Ranch and along the Great Northern Trail corridor between Porto Rico and Hall Siding.
11. Encourages private landowners and developers to protect environmental and heritage values through the registration of conservation covenants, land management agreements or through planned donation of lands.
12. Recognizes the importance of containing and controlling noxious weeds through the continued endorsement of weed prevention and control initiatives, with preference to biological and non-toxic methods.

12.0 TRANSPORTATION

Background

All major highways are provincially designated controlled access highways and are intended to function as regional transportation corridors. The road infrastructure connecting communities within the RDCK is largely managed by the province; however the RDCK influences the transportation system through its decisions with regard to development. Major transportation corridors include Highway 6 connecting communities between the Village of Salmo and City of Nelson and extending through to the Nelway Border Crossing and Highways 3 and 3A which provides access between the Plan area and Fruitvale and Creston.

The RDCK also works closely with the province to facilitate public transit. Transit service is available between the City of Nelson and Village of Salmo three times daily.

Transportation Objectives

1. Encourage the Province to plan for the provision of a road network capable of safely servicing existing and future development.
2. Ensure that future development patterns and land use decisions recognize and support highway safety and mobility objectives.
3. Encourage community consultation and discussion during any initiative that reviews the transportation capacity of local roads, pedestrian and recreational corridors, and commercial development strategies.
4. Support that the local road network is safe, effective and equally accessible and inviting for use by cyclists, pedestrians, equestrians, agricultural equipment and motorists.
5. Investigate options for the provision of expanded and enhanced public and shared transit throughout the Plan area.

Transportation Policies

The Regional Board:

6. Supports that all new developments and the redevelopment of lands provide adequate off-street parking.
7. Supports the enhancement of cycling and pedestrian systems in new and existing developments, and supports the development of a comprehensive network of pedestrian and bicycle routes on public and private lands and along existing and future road networks.

8. Advocates for improvement to and expansion of public transportation service opportunities, bus shelters, and cross walks in cooperation with BC Transit.

13.0 ENERGY AND ENVIRONMENT

Background

Beginning in 2007, the Province of BC has moved forward with a number of legislated and policy actions designed to encourage energy efficiency and reduce emissions of greenhouse gases (GHGs). These are driven by a legislated target to reduce the total GHG emissions in the Province by 33% from 2007 levels by 2020, and 80% by 2050.⁶ The Regional District of Central Kootenay developed a Greenhouse Gas Emissions Reduction Plan in 2010 that committed to working collaboratively toward a reduction of the combined greenhouse gas emissions of the rural areas by 15% from baseline levels (2007) by 2020 and by 25% from baseline levels (2007) by 2030.

Greenhouse Gas Emission Reduction Objectives

1. Work collaboratively with our partners and community members to reduce greenhouse gas emissions in the rural areas by 15% from baseline levels (2007) by 2020 and by 25% from baseline levels (2007) by 2030 as established by the RDCK Corporate Greenhouse Gas Emissions Reduction Plan (2010).
2. Demonstrate leadership in energy conservation, energy efficiency and greenhouse gas emission reductions and work toward carbon neutrality.
3. Foster the development of renewable energy supply options.
4. Reduce energy consumption and greenhouse gas emissions and encourage energy efficiency in planning, design and construction of neighbourhoods and buildings.
5. Work toward future settlement patterns that reduce dependency on private automobiles and encourage other forms of transportation such as walking, cycling and transit, where realistic and achievable.

Greenhouse Gas Emission Reduction Policies

The Regional Board:

6. Encourages the reduction of landfill waste through the RDCK zero waste policy, and will investigate ways to increase waste diversion through strategies identified in the RDCK Resource Recovery Plan (2011).
7. Supports collaboration with and supports partners that raise awareness and provide education on energy and emissions to local businesses, residents, and other organizations in the community.
8. Encourages energy efficient retrofits of older buildings, including both residential and commercial buildings.

⁶ This target is defined in the Greenhouse Gas Reduction Targets Act (Bill 44, 2007)

9. Encourages the use of local materials and green building techniques in new and retrofitted developments.
10. Supports the development of a sustainability checklist for the evaluation of land use and building applications and supports the investigation into the creation of associated incentives for developers that develop buildings to a high level of building performance.
11. Supports a voluntary reduction of personal vehicle transportation emissions by promoting use of public transit and shared transit, including the use of buses, car co-operatives and delivery services, more efficient vehicles, use of alternative fuels, providing sufficient pedestrian and cycling facilities and routes, encouraging home based businesses and encouraging changes in travel patterns.
12. Supports the expansion and enhancement of electric vehicle charging stations and infrastructure throughout the region through the *Accelerate Kootenays* program (2016).
13. Seeks partnerships with utility companies, independent power producers, NGOs, member municipalities, provincial and federal agencies and others to further local energy strategies and concurrent planning efforts.
14. Encourages the investigation and development of renewable energy supply options such as district energy, ground source heat pumps, solar and heat recovery systems where opportunities might be present.
15. Supports the exploration of renewable energy opportunities in the agricultural and forestry industries such as biomass energy production.
16. Supports the creation of a renewable energy service for the RDCK.
17. Encourages identification, establishment and maintenance of natural and managed carbon sinks for the purposes of conservation, maintenance of biodiversity, and enhanced community resilience with consideration to local ecosystem values and socio-economic drivers.

14.0 RESOURCE AREA

Background

Resource Areas (RA) are described as large lots of land and include both private and Crown land used for resource based activities. Typical uses include forest land, grazing or range land, public recreation areas, watersheds, and resource extraction areas. Although it is recognized that local land use designations do not apply to the Crown, the designation is intended to provide regulations upon alienation and to address Crown leases and licenses, as well as situations where the Crown is otherwise compelled or chooses to respect local government zoning. Forest Reserves (FR) may also be delineated within the Plan area and reflect both private and community owned and managed forest lands.

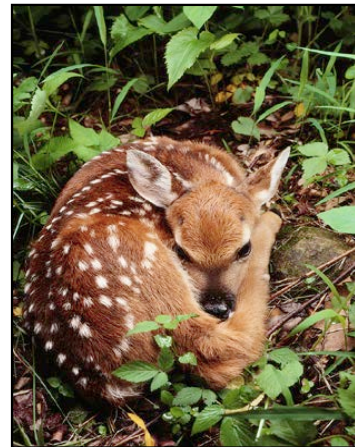
Resource Area Objectives

1. Retain and diversify resource-based land uses which contribute to the local economy and nature of communities in the Plan area.
2. Recognize the importance of Crown lands for recreational values and opportunity.
3. Work with the province and private land owners to ensure that resource based activities do not result in increased occurrence or magnitude of natural hazards in areas where there is risk to persons or property in the area and that such activities include safeguards for water supply.

Resource Area Policies

The Regional Board:

4. Recognizes the jurisdiction of the province over public Crown land.
5. Will work with the province to ensure community watersheds and sources of domestic water supply are recognized and protected within the Plan area.
6. Will support the development of community owned and managed woodlots in consultation and with the support of the community.
7. Supports appropriate small scale forest related activities, such as sustainable gathering of products, food crops, hiking, bird watching and wildlife viewing, education and value added resource industries.



15.0 TEMPORARY USE PERMITS

Background

Temporary Use Permits (TUPs) may be issued by the RDCK under Section 492 of the *Local Government Act*. The intent is to accommodate temporary land uses as specified by the permit on lands that are not zoned for the proposed use. The temporary use may continue in accordance with the provisions of the permit until the permit expires, or three years after the permit was issued, whichever occurs first. Permits may be renewed only once, after which the use must be either permanently designated in the OCP Bylaw and Zoning Bylaw or cease. Permits are subject to approval by the Agricultural Land Commission (ALC) where land is classified as farm under the *Assessment Act*.

Temporary Use Permit Designation

1. Consider the issuance of temporary use permits in accordance with the appropriate conditions.

Temporary Use Permit Conditions

The Regional Board:

2. Will consider issuing temporary use permits on lands that are not designated for the proposed land use as indicated on Schedule B.1. Permits will consider the following general conditions:
 - a. must be clearly temporary or seasonal in nature;
 - b. should not create an unacceptable impact on the environment or on surrounding land uses;
 - c. should include appropriate remedial measures to mitigate any damage to the natural environment as a result of the temporary use;
 - d. and should be reviewed and supported by the province with respect to access and effect on public roads.
3. May specify conditions under which the temporary use may be carried out and may also set requirements with regard to any associated developments with respect to construction of buildings or structures related to the proposed temporary use.
4. May require as part of permit issuance that the permit holder restore lands described in the permit by a specified date.

16.0 COMMUNITY SPECIFIC POLICIES

Apex

1. Recognizes that residential development within the community of Apex will be primarily Country Residential based on the level of available servicing and infrastructure.
2. Recognizes that the community will be primarily oriented toward the provision of outdoor recreational facilities and visitor services associated with the Nelson Nordic Ski Club and Whitewater Ski Resort.
3. Supports the establishment of residential and tourist accommodation facilities to support the housing of staff and visitors associated with the recreational values of this community.

Hall Siding

4. Recognizes that residential development within the community of Hall Siding will be primarily Country Residential based on the level of available servicing and infrastructure.
5. Recognizes the ecological values associated with Hall Creek and encourages stewardship and conservation of this community resource.
6. Encourages protection of the black cottonwood ecological communities located along this portion of the Great Northern Rail Trail.
7. Supports the continued maintenance of non-motorized access and use of the Great Northern Rail Trail from Hall Creek to Apex
8. Supports investigation into the future use and enjoyment of recreational lands originally intended for cross country ski trail development within the community and the long term maintenance of lands used for the purposes of rock climbing adjacent to Highway 6.

Porto Rico

9. Recognizes that residential development within the community of Porto Rico will be primarily Country and Rural Residential based on the level of available servicing and infrastructure.
10. Supports expanded opportunities for home based business development, tourist accommodation and facilities, horticulture and local food and drink production, such as craft breweries.
11. Encourages on-going dialogue between community members and the rifle range to ensure that issues with regard to noise and disturbance are managed accordingly.
12. Supports the recognition and protection of old-growth forest communities within the area.

Ymir

13. Recognizes that Ymir will continue to be a mixed development community with both existing Town-site Residential, Commercial and Community Service developments contributing to its role as a service center for the area.
14. Supports the establishment of a community park at 2nd Street and Cedar Street.
15. Supports expanded opportunities for home based business development, tourist accommodation and facilities, horticulture and local food and drink production, such as craft breweries, wineries and farmer markets.
16. Encourages the identification and establishment of beach access areas along the Salmo River.
17. Recognizes the importance of Quartz Creek as a source of domestic and irrigation water supply and encourages the establishment of an environmental reserve to protect this resource.
18. Supports recognition of heritage assets within and surrounding the community, including the Oscar Bear Cemetery, The Palace, Ymir Hotel, Schoolhouse, Ymir Church and various artifacts related to the mining history in the community.
19. Recognizes the importance of local cultural venues and events as contributing to the social fabric of the community, such as: the ice rink, skate-board facilities, community campground, community hall and various community events.
20. Encourages that new construction and renovation to existing commercial and community service buildings within the commercial core area maintain the heritage values of the community.
21. Encourages investigation into a pedestrian bridge to the Yankee Girl flats as a valued community asset.
22. Supports the development of community based skill sharing and enhanced arts and cultural programs.
23. Supports the development of a community amenity audit and plan that identifies long term needs and guides future resource allocations.
24. Recognizes that further community development and in-fill is constrained by waste water servicing capabilities and that Crown land dispositions may impact the future ability of the community to expand or establish services in the future.

Wildhorse

25. Recognizes that residential development within the community of Wildhorse will be primarily Country and Rural Residential based on the level of available servicing and infrastructure.
26. Encourages that the siting of new developments within the community take into consideration the view-scape of adjacent property owners, and that landscape retention and design consider separation between neighbors.

27. Supports community education pertaining to living with wildlife in recognition of the high wildlife values within the community.

Porcupine/Boulder Creek

28. Recognizes that residential development within the community of Porcupine and Boulder Creek will be primarily Country and Rural Residential based on the level of available servicing and infrastructure.
29. Recognizes that the community has several medium to heavy industrial developments and that further expansion of industrially zoned properties not be supported without further community consultation.
30. Supports expanded opportunities for home based business development, commercial development, and tourist accommodation and facilities along the Highway 6 corridor.
31. Encourages the identification and establishment of beach access areas along the Salmo River.

Rural Salmo

32. Recognizes that residential development within Rural Salmo will be primarily Country and Rural Residential based on the level of available servicing and infrastructure.
33. Recognizes that properties to the north along the Highway 6 corridor and to the east and west along Highway 3 in proximity to the Village of Salmo are located within the Provincial Agricultural Land Reserve (ALR) and supports that these properties continue to be retained for current and potential agricultural use.
34. Supports expanded opportunities for home based business development, tourist accommodation and facilities, horticulture and local food and drink production, such as craft breweries, wineries and farmer's markets.
35. Directs higher density residential development to those areas proximate to the Village of Salmo where there is services and infrastructure available.
36. Recognizes that further community development and in-fill in those areas proximate to the Village of Salmo is constrained with the flood hazard and risk associated with the Salmo River and associated tributaries.
37. Recognizes the historic importance of the Japanese cemetery located on private lands to the northwest of the Village of Salmo and supports the protection of this valuable cultural asset.

Rosebud Lake/Nelway

38. Recognizes that residential development within Rosebud Lake and Nelway will be primarily Rural and Remote Residential based on the level of available servicing and infrastructure.
39. Recognizes that properties along the Pend D'Oreille and proximate to Rosebud Lake are located within the Provincial Agricultural Land Reserve (ALR) and supports that these properties continue to be retained for current and potential agricultural use.

- 40. Supports expanded opportunities for home based business development, tourist accommodation and facilities, horticulture and local food and drink production, such as craft breweries.
- 41. Supports expansion of conservation lands associated with Rosebud Lake and a prohibition on motorized use within the Wildlife Reserve in recognition of its wildlife and fisheries values.
- 42. Encourages investigation into the establishment of a community based fire department to support fire protection and first response within the area.

Erie-Ross Spur

- 43. Recognizes that residential development within Erie-Ross Spur will be primarily Country and Rural Residential based on the level of available servicing and infrastructure.
- 44. Recognizes that properties along Highway 3 to the east of Erie Lake are located within the Provincial Agricultural Land Reserve (ALR) and supports that these properties continue to be retained for current and potential agricultural use.
- 45. Supports expanded opportunities for home based business development, visitor accommodation and facilities, horticulture and local food and drink production, such as craft breweries, wineries and farmer's markets.
- 46. Encourages the Province to consider restoration of Erie Creek Provincial Park and enhancements to the junction of Highway 3 and 3B to include facilities for travellers.
- 47. Supports recognition and conservation of heritage values associated with the community and preservation of historic sites such as Endersby Museum.

17.0 WATERCOURSE DEVELOPMENT PERMIT (WDP) AREA

Purpose

The WDP area is designated under Section 488 (1)(a) of the *Local Government Act* for the protection of the natural environment, its ecosystems and biological diversity.

Objectives

Riparian areas are highly valuable ecosystems providing ecological services that communities freely gain from a healthy functioning natural environment. These areas act as natural filtration systems for both surface water and groundwater while providing protection against flooding and erosion. Riparian areas provide movement corridors for many species, particularly in fragmented landscapes. Riparian areas function as essential habitats particularly for species at risk and are highly effective in moderating stream temperatures which is critical for fish and other wildlife.

The objectives of this Development Permit Area designation are:

1. To protect local watercourses, lakes and wetlands and their adjacent riparian areas from adverse impacts of land use.
2. To restore degraded watercourses and their riparian areas within the Plan area.
3. To protect the quality of local drinking water supplies.
4. To protect the biological diversity and habitat values of riparian and aquatic ecosystems and the species dependent on them.

Area

The Watercourse Development Permit Area (WDPA) includes all lands designated as such on Schedule A.4 and includes the following:

- a. All areas within 30.0 metres of the high water mark of the Pend O'Reille River, Salmo River, Erie Lake and Rosebud Lake.
- b. All areas within 30.0 metres of the high water mark of Erie Creek, Hall Creek, Kelly Creek, Quartz Creek and Ymir Creek.
- c. All areas within 15.0 metres of the high water mark of any other watercourse designated on Schedule A.4, including the natural boundary of a lake and wetland.

Where the boundaries of the WDPA will be verified and determined on the ground at the time of application.

Where the following definitions apply:

HIGH WATER MARK means the visible high water mark of a watercourse where the presence and action of the water are so common and usual, and so long continued in all ordinary years, as to mark on the soil of the bed of the watercourse a character distinct from that of its banks, in vegetation, as well as in the nature of the soil itself, and includes the active floodplain.

LAKE means any area of year round open water covering a minimum of 1.0 hectares (2.47 acres) of area and possessing a maximum depth of at least 2.0 metres. Smaller and shallower areas of open water may be considered to meet the criteria of a wetland.

QUALIFIED ENVIRONMENTAL PROFESSIONAL (QEP) means an applied scientist or technologist who is registered and in good standing with an appropriate B.C. professional organization constituted under an Act. A qualified environmental professional could be a professional biologist, agrologist, forester, geoscientist, engineer or technologist.

STREAMSIDE PROTECTION AND ENHANCEMENT AREA (SPEA) means an area adjacent to a stream that links aquatic to terrestrial ecosystems and includes both the riparian area vegetation and the adjacent upland vegetation that exerts an influence on the stream, the width of which is determined by assessment by a Qualified Environmental Practitioner (QEP).

WATERCOURSE means any natural or man made depression with well-defined banks and a bed 0.6 metres (2.0 feet) or more below the surrounding land serving to give direction to a current of water at least six months of the year or having a drainage area of two square kilometres (0.8 square miles) or more upstream of the point of consideration.

WETLAND means any areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs and similar areas.

Applicability

6. A Development Permit is required except where specified under the exemptions section for development or land alteration within the WDP Area. Where not exempt, development requiring a Development Permit includes any of the following associated with or resulting from residential, commercial, industrial or ancillary activities:
 - a. land within the area must not be subdivided;
 - b. construction of, addition to, or alteration of a building or other structure must not be started; and
 - c. land within the area designated must not be altered.

Exemptions

The WDP area does not apply to the following:

7. The subdivision of land, where the proposed subdivision of land does not fall within the WDPA, or where a newly proposed lot is greater than 1 ha (2.47 acres) in site area.
8. Addition to or alteration of farm buildings.
9. Farm operations as defined in the *Farm Practices Protection (Right to Farm) Act* and farm uses as defined in the *Agricultural Land Reserve Use, Subdivision, and Procedure Regulation* where a minimum 3 meters from the natural boundary of a watercourse is maintained in native vegetation or agro-forestry crops.

10. Construction or alteration of a building or structure on an existing foundation or footprint; provided that the existing foundation or footprint is not extended within the WDP Area.
11. Construction of water works authorized under the *Water Sustainability Act* or *Fisheries Act*.
12. Construction of access authorized under the *Water Sustainability Act* or *Fisheries Act*.
13. Construction of a small accessory building *not more than* ten (10) square metres, if all of the following apply:
 - a. the building is intended as an accessory use and not used for occupancy or habitation;
 - b. the building is not located in an identified Streamside Protection and Enhancement Area (SPEA) where these boundaries have been delineated; and
 - c. where the removal of native trees or vegetation is minimized to the extent possible.
14. Land alterations involving emergency measures to prevent or reduce immediate threats to life or property including:
 - a. emergency flood or protection works conducted under direction of local or provincial government;
 - b. the removal of trees that have been examined by a qualified arborist and certified to pose an immediate threat to life or property;
 - c. the removal of trees that have been deemed necessary for the purposes of wildfire mitigation measures, where such trees are replaced or compensated for elsewhere within the WDPA;
 - d. clearing of an obstruction from a bridge, culvert or an obstruction to drainage flow; and
 - e. repairs to bridges and safety fences carried out in accordance with the *Water Sustainability Act* or *Fisheries Act*.
15. Land alterations a minimum distance of 5.0 metres of the high water mark of any watercourse designated on Schedule A.4, including the natural boundary of a lake and wetland involving gardening and yard maintenance activities, including: mowing, pruning, planting and minor soil disturbance that does not alter the general contours of the land and does not involve the cosmetic application of artificial fertilizers, pesticides or herbicides.
16. Land alteration activities to restore and enhance the natural features, functions and condition of riparian areas in accordance with provincial best management practices.

Guidelines

Development shall be in accordance with the following guidelines:

17. Development shall be in accordance with the recommendations of an assessment report prepared by a Qualified Environmental Practitioner (QEP) in accordance with the

Provincial Riparian Areas Regulation Assessment Methods at the expense of the applicant and as required as Development Approval Information supporting an application under Section 491 of the *Local Government Act*.

18. No development activities should take place within any Streamside Protection and Enhancement Area (SPEA) identified by the QEP. The applicant will be required to follow any measures identified by the QEP for protecting the SPEA over the long term and these measures should be included as conditions of the Development Permit.
19. Where a QEP report describes an area within the WDPA as suitable for development the development permit should only allow the development to occur in compliance with the measures described in the report.
20. Monitoring and regular reporting by a QEP or other professional at the applicant's expense may be required during the construction and development phases as specified in the Development Permit.
21. A QEP report should identify any invasive species and areas subject to prior degradation and should provide recommendations as to potential restoration or mitigation options.
22. Construction methods and timing must minimize environmental impacts. Clearing of land, grading, and other activities that expose soil should be completed during the dry months of the year usually between June and September. Timing of construction should follow the recommended timing windows for species based on provincially accepted best management practices.
23. The Regional District may impose permit conditions based on the Assessment Report including the following:
 - a. Require specified natural features or areas to be preserved, protected, restored or enhanced in accordance with the permit.
 - b. Require natural water courses to be dedicated.
 - c. Require works to be constructed to preserve, protect, restore or enhance natural watercourses or other specified natural features.
 - d. Require protection measures including that vegetation or trees be planted or retained in order to preserve, protect, restore or enhance fish habitat or riparian areas, control drainage, or control erosion.

Development Approval Guidelines

24. The Board may consider variances to the subdivision or siting regulations of this Bylaw or other bylaws where the variance may result in enhanced protection of a SPEA in compliance with the recommendations of an assessment report.

Restoration Guidelines

Where development has occurred in violation of the WDPA, the following guidelines shall apply:

25. A QEP must be retained at the expense of the applicant for the purpose of preparing a report outlining how to mitigate the damage incurred by any clearing and site development activities and how to restore the area to its undisturbed condition.
26. Buildings and structures constructed in violation of this WDPA may be subject to removal at the applicant's expense in order to restore the integrity of the riparian area.

SCHEDULE B
ZONING BYLAW

Regional District of Central Kootenay
Electoral Area 'G' Land use Bylaw No. 2452, 2017

18.0 INTERPRETATION

In this Bylaw, unless the context otherwise requires:

ABATTOIR means a building or structure in which farm animals are slaughtered or butchered for the purposes of producing meat product(s);

ACCESSORY means a use or structure customarily incidental, subordinate or devoted to the principal use or structure and located on the same lot;

ACCESSORY BUILDING OR STRUCTURE means a detached building or structure located on the same lot as the principal building, the use of which is customarily incidental, subordinate or devoted to that of the principal building. Any building is deemed to be an accessory building unless it is attached to and shares a foundation with the principal building for at least the full length of one side of either building, representing not less than 10% of the total perimeter of the other building;

ACCESSORY TOURIST ACCOMMODATION means accessory bed and breakfast operations or camping facilities providing temporary accommodation of the travelling public;

ACTIVITIES DESIGNATED AS FARM USE means those permitted uses as listed in Part 2 Section 2 of the *Agricultural Land Reserve Use, Subdivision and Procedure Regulation*;

AGRICULTURAL LAND COMMISSION (ALC) means the governing body assigned to administer regulations and policies relating to the preservation and enhancement of designated *Agricultural Land Reserve (ALR)* land areas for the Province pursuant to the *Agricultural Land Commission Act*;

AGRICULTURAL LAND RESERVE (ALR) means agricultural land designated as an agricultural land reserve under the *Agricultural Land Commission Act*;

AGRICULTURE means the use of land, buildings or structures for a farm operation;

ARTISAN CRAFTS PRODUCTION AND SALES means the production or manufacturing of products by skilled craft workers, usually by hand, for retail sale;

ASPHALT AND CONCRETE MANUFACTURING means a plant used for the manufacturing of asphalt, black top or concrete;

AUTO WRECKING means the dismantling and storage of vehicles and their parts, usually in order to reclaim or resell the parts or for the collection of scrap metal;

BOARD means the Board of the Regional District of Central Kootenay;

BREWERIES AND DISTILLERIES means the use of land, buildings or structures for brewing or distilling of alcoholic beverages or alcoholic products with alcoholic content exceeding 1% by volume. This production must be licensed by the *Liquor Control and Licensing Act*. The public tasting and retail sale of alcoholic product is limited to that which is produced on site.

BUILDING means any structure used or intended for supporting or sheltering any use or occupancy, and includes a manufactured home, but does not include a recreational vehicle, tent or park model recreational unit;

BYLAW ENFORCEMENT OFFICER means the Bylaw Enforcement Officer of the Regional District of Central Kootenay;

CABIN means one (1) self-contained or non self-contained building or structure no larger than 90 square metres intended for the purposes of temporary or seasonal residential purposes or temporary lodging for tourists and visitors;

CAMPGROUND means a lot used or intended to be used for *temporary* accommodation of persons in recreational vehicles or tents, but excludes a manufactured home park (as defined by this Bylaw); campgrounds may offer central washrooms or full or partial hook ups, in addition to common amenity areas and facilities, such as: a sani-dump, showers, laundry facilities, playgrounds, picnic and day use areas, recreational trails, swimming pools, recreational facilities, boat launch, retail stores or other similar uses; where *temporary* means no more than 30 consecutive days not to exceed six (6) months in a calendar year;

CAR WASH means a structure with specialized equipment intended for the washing of vehicles;

COMMERCIAL BACK COUNTRY RECREATION means remote facilities for the purpose of providing temporary accommodation for backcountry recreation activities such as hiking, skiing, biking, kayaking and similar activities;

COMMUNITY CARE FACILITY means any facility licensed by the provincial government as a community care facility or social care facility;

COMMUNITY GARDEN means the use of land for horticultural purposes that is collectively developed, cultivated, gardened, and maintained by a group of people using either individual plots or shared plots for the production of fruit, vegetables or ornamentals;

COMMUNITY HALL means a building or part of a building designed for, or intended to be used by the public for such purposes as civic meetings, educational meeting, political meetings, recreational activities or social activities and may include banquet facilities;

COMMUNITY MARKET means the use of land for the purposes of a group of stalls or booths intended to be used by farmers, artisans or other vendors to sell their products directly to customers on a permanent or temporary basis;

COMMUNITY WASTEWATER SYSTEM means a system for the collection, treatment and disposal of sanitary waste, which serves two (2) or more lots and is operated under the *Public Health Act* or the *Environmental Management Act*;

COMMUNITY WATER SYSTEM means a system of waterworks approved under the *Drinking Water Protection Act*, which operated under the jurisdiction of the Province;

CONCESSION means a snack kiosk, mobile food truck or snack bar where food and beverages are sold in conjunction with a community venue or event;

DAY CARE FACILITY means a building licensed as a community care facility in which care, supervision or any form of educational or social training not provided under the *School Act* is provided for any portion of the day to seven (7) or more children under six (6) years of age not forming part of the operator's family. Care of less than seven (7) children under six (6) years of age is considered under home based business regulations;

DECOMMISSION means the decommissioning of a dwelling where required and verified by the RDCK building authority and includes removal of the following: all kitchen facilities; including cabinets, counter tops, sinks and associated plumbing; all kitchen appliances, including stoves, fan hoods, microwaves and hot plates; all 220 volt electrical connections for the kitchen; all laundry facilities and associated plumbing; and all bathroom fixtures including toilets, bathtub/shower facilities and associated plumbing;

DWELLING, ACCESSORY means a dwelling unit, either detached or attached, which is permitted as an accessory use in conjunction with a principal use. The accessory dwelling is a complete living unit and includes a private kitchen and bath. Common accessory dwellings include, but are not limited to: secondary suites, cottages, carriage houses and garage suites;

DWELLING, MULTI-FAMILY means a detached building, used exclusively for residential purposes, consisting of three (3) or more dwelling units, either with private individual access or common access intended to be used as a residence by three (3) or more families living independently of each other;

DWELLING, ONE FAMILY means a detached building used exclusively for residential purposes, consisting of one dwelling unit used or intended to be used as the residence of one (1) family;

DWELLING, TWO FAMILY means a detached building used exclusively for residential purposes, as a duplex or dwelling separated by a common wall or floor where one unit may be a secondary suite intended to be used as a residence by two (2) families living independently of each other;

DWELLING UNIT means a suite operated as a housekeeping unit, used or intended to be used by one or more persons and usually containing cooking, eating, living, sleeping and sanitary facilities; and includes: manufactured homes, mobile homes, tiny homes, shipping containers, suites and any other structures to be used as a *dwelling unit*;

EATING AND DRINKING ESTABLISHMENT means the use of land, buildings or structures where prepared foods and beverages are offered for sale to the public for consumption within the premises or off the lot, such as neighborhood pubs, licensed restaurants, lounges, cafes, delicatessens, tea rooms, dining rooms, drive in food services, refreshment stands and take out restaurants, and mobile catering food services;

EDUCATIONAL FACILITIES means building(s) including residences, structures and grounds associated with the operation of a school, college, university or training centre;

EXTERIOR SIDE LOT LINE means the lot line or lines not being the front or rear lot line, common to the lot and a street;

FARM means an area of land, which may include more than one lot, and its buildings used for farm products and which is classified as a “farm” under the *Assessment Act*;

FARM BUILDINGS AND STRUCTURES means a building or part thereof that does not contain a residential occupancy and that is associated with and located on land devoted to the practice of farming, and is used essentially for the housing of equipment or livestock, or the production, storage and processing of agricultural and horticultural produce or feeds;

FARM ANIMALS means horses, cattle, sheep, goats, swine, fur-bearing animals, poultry and rabbits;

FARM BUSINESS means a business in which one (1) or more farm operations are conducted, and includes a farm education or farm research institution to the extent that the institution conducts one or more farm operations;

FARMER’S MARKET means a market whose vendors either make, bake or grow the products they produce, where farmer’s and/or their families display and sell locally grown or processed foods with only a limited number of non-food crafts and no imported products;

FARM OPERATION means an activity in carrying out a farm business as defined in the *Farm Practices and Protection Act*;

FARM PRODUCT means a commodity that is produced from a farm operation;

FOOD AND BEVERAGE PROCESSING means the use of land, buildings or structures for the processing, warehousing, and distribution of food and beverage products, but excludes the processing of livestock, fish, poultry and other farm animals;

FRONT LOT LINE means the lot line common to the lot and an abutting street, or where there is more than one (1) lot line common to abutting streets, the shortest of these lines shall be considered as the front lot line or in the case of a lot abutting two (2) parallel or approximately parallel streets, the lot lines abutting these two (2) streets shall both be considered as front lot lines;

GOLF COURSE means an area operated for the purpose of playing golf and may include, but is not limited to, golf courses, club houses, and accessory driving ranges;

GROSS FLOOR AREA (G.F.A.) means the sum of the horizontal areas of each story of the building measured from the exterior faces of the exterior walls. The gross floor area measurement is exclusive of areas of unfinished basements, unfinished attics, attached garages, carports, breezeways, and unenclosed porches, balconies and terraces;

HEALTH SERVICES means the provision of physical and mental health services on an outpatient basis. Typical uses include, but are not limited to, medical and dental offices, chiropractic offices, health clinics and mental health counselling services;

HEIGHT means the vertical distance measured from the average finished ground level at the perimeter of a building or structure to the highest point of the building or structure;

HIGHWAY means a street, road, bridge, viaduct and any other way open to the use of the public, but does not include a private right-of-way on private property;

HOME BASED BUSINESS means an occupation, business or professional practice which is accessory to the residential use of a property;

HORTICULTURE means growing of fruits, vegetable, flowers or ornamental plants for resale with or without greenhouses;

INTERIOR SIDE LOT LINE means the lot line or lines, not being the front or rear lot line, common to more than one lot;

INTERPRETIVE FACILITIES means the use of land for the purposes of providing interpretation of a place of interest through a variety of media, such as displays and exhibitions of material;

JUNK YARD means the collection or accumulation of rubbish, garbage, bottles, broken glass or other discarded materials or unwholesome materials or ashes on real property, except:

1. where the owner of the real property holds a valid permit respecting those items under the *Waste Management Act*; or
2. the outside storage or accumulation on real property of any building material, whether new or used, where there is no apparent or real construction occurring on the real property for which the materials are required; or
3. the outside storage or accumulation on real property of any goods or merchandise which is offered or intended to be offered for sale, unless that real property is used solely for the wholesale or retail sale of those goods or merchandise;

KENNEL means the use of land, buildings or structures where four (4) or more dogs over the age of six (6) months of age are housed, maintained and occasionally bred for commercial, hobby or not-for-profit purposes;

KITCHEN means facilities intended to be used for the preparation or cooking of food, and includes any room or portion of a room containing cooking appliances including: stoves, ovens, microwaves, hot plates and other cooking appliances. Plumbing, wiring or provision for a stove or oven constitutes the existence of such appliances;

LANDSCAPE SCREEN means a continuous fence, wall, compact evergreen hedge or combination thereof that screens the property that it encloses and is broken only by access driveways and walkways;

LAUNDROMAT means a commercial establishment with self service operated washing and drying machines;

LIGHT MANUFACTURING is intended to provide for processing, service, storage, wholesale, and distribution operations with all operations contained within an enclosed building with some limited outside operations and storage;

LIVESTOCK means cattle, horses, swine, sheep, goats, bison, farmed game, mules, asses, musk oxen, llamas, alpacas, ostriches, rheas and emus;

LIQUOR STORE means a retail store licensed under the *Liquor Control and Licensing Act* for the sale of beer, wine, or other alcoholic beverages;

LOT has the same meaning as lot under the *Local Government Act*, and means any lot, block or other area in which land is held or into which it is subdivided, but does not include a highway;

MANUFACTURED HOME means a transportable, single or multiple section, one storey dwelling constructed to the *Canadian Standards Association* (CSA) Z240 MH construction standard, ready for completion of set up in accordance with the manufacturer's instructions;

MANUFACTURED HOME PARK means land used or occupied for the accommodation of three (3) or more manufactured homes and for imposing a charge or rental for the use of that space;

MINIMUM SITE AREA means the minimum area of a lot or part thereof sufficient to satisfy the provisions of each principal permitted use as set out in the applicable zone;

MIXED USE DEVELOPMENT means the use of a building or buildings on a lot involving more than one (1) permitted use as defined in the appropriate zone, subject to meeting the minimum lot size requirements as set out in the applicable zone;

MUSEUM means the use of land, buildings or structures in which objects of historical, scientific, artistic, or cultural interest are stored and exhibited;

NATURE SANCTUARY means a reserved area in which plants, birds, and other animals, are protected from hunting or disturbance;

OFFICE means a place where a particular kind of business is transacted or a service is supplied, such as:

1. a place in which the functions of a public officer are performed;
2. the directing headquarters of a business or organization; or
3. the place in which a professional person conducts business

OUTDOOR RECREATIONAL ACTIVITIES means development that provides facilities for use by the public at large for sports and active recreation conducted outdoors;

PARK means a facility specifically designed for passive or active recreation including playgrounds, playing fields, walkways, trails, band shells, green space, buffers, nature interpretation areas and similar land uses, facilities, buildings and structures consistent with the purpose of such park land;

PERSONAL SERVICE ESTABLISHMENT means uses that provide personal services to an individual which are related to the care and appearance of the body or the cleaning and repair of personal effects;

PLACE OF WORSHIP OR CONGREGATION means land, buildings or structures used for religious worship, which is maintained and controlled by a religious body organized to sustain public worship;

PORTABLE SAWMILL means the use of land for the purposes of mobile equipment for the milling of lumber;

POULTRY means any domesticated birds kept for eggs, meat, feathers, hide or cosmetic or medicinal purposes and includes, but not limited to chickens, turkeys, geese, ducks, artificially raised grouse, partridge, quail, pheasant or ptarmigan;

RABBIT means any member of the long eared, short tailed, burrowing animals of the family *Leporidae* normally raised for food, fur production, hobby or for the purposes of breeding;

REAR LOT LINE means the lot line opposite to, and most distant from the front lot line, or, where the rear portion of the lot is bounded by intersecting side lot lines, the rear lot line shall be deemed to be the point of such intersection;

RECREATIONAL VEHICLE means a vehicle, trailer, or constructed dwelling on a trailer, that is constructed or equipped to be used as temporary accommodation for recreational purposes; where *temporary* means no more than 30 consecutive days not to exceed six (6) months in a calendar year; not requiring a continuous connection to sanitary, water and electrical services; either designed to be towed behind a motor vehicle or self propelled, and includes such vehicles commonly known as travel trailers, fifth wheels, campers, motor homes, park models or other similar vehicles;

RECYCLING DEPOT means a facility designed for the purposes of collecting and temporarily storing recyclable materials;

REPAIR SHOP means a shop in which household items or other small motors or electronic devices may be repaired, but specifically excludes vehicle and equipment repair;

RESOURCE BASED ACTIVITIES means activities related to forest harvesting and management, natural resource extraction and processing;

RESOURCE EXTRACTION means the quarrying, sorting, screening, removal and off-lot sale of sand, gravel, earth or mineralized rock found on or under a lot and includes quarries, gravel pits, and stripping of top soil but does not include resource processing of any other materials on site;

RESOURCE PROCESSING means a use providing for the processing of primary mineral resources mined on-lot, including preliminary grading, washing, and crushing of such materials, but excluding all other processing or manufacturing;

RETAIL STORE means a place of business in which merchandise or goods are sold directly to the public;

SECONDARY SUITE means a dwelling unit having a total floor space of not more than 90 square metres in area or 40% of the habitable floor space of the building, located within a building of residential occupancy and containing only one other dwelling unit located in any part of a building which is a single real estate entity;

SERVICE STATION means the use of land, buildings or structures for the retail sale of motor fuels and lubricants and may include automobile diagnostic centres and the servicing or repair of motor vehicles;

SETBACK means the measured distance from a specified property line or specified natural feature in which building is prohibited;

SHIPPING CONTAINER means a non-combustible, portable unit designed and fabricated for the storage or intermodal transporting of goods, and includes cargo containers, but specifically excludes dumpsters and recycling receptacles intended for waste collection;

SIGN means a free standing or projecting structure designed to be used for the purposes of displaying information including the advertising for a business on-lot and includes a sign board;

SITE COVERAGE means the area of a lot expressed as a percentage covered by structures, buildings, driveways, parking areas and outdoor storage;

SLEEPING UNIT means either a unit in a residential care facility or a room without cooking facilities used for the temporary accommodation of travellers;

SMALL SCALE WOOD PRODUCT MANUFACTURING means the processing and manufacturing of value added wood products; including but not limited to doors, mill work, cabinetry, veneers, furniture and specialty wood products;

STORAGE YARD means an area outside an enclosed building where construction materials and equipment, solid fuels, lumber and new building materials, monuments and stone products, public service and utility equipment or other new goods, materials, products, vehicles, equipment or machinery are stored, baled, piled, handled, sold or distributed;

STRUCTURE means a construction or portion thereof of any kind, whether fixed to, supported by or sunk into land or water, but specifically excludes landscaping, fences, paving and retaining structures;

TOURIST ACCOMMODATION means land, buildings or structures containing sleeping units each with an exterior or interior entrance and designed to provide temporary accommodation for the travelling public. Tourist accommodation may include cabins, hotels, motels and lodges;

UTILITY BUILDING OR STRUCTURE means a building or structure containing unattended equipment necessary for the operation of community water, sewer or gas distribution systems, radio or television antennae, telecommunication relay stations, automatic telephone exchanges, navigational aids, electrical substations or generating stations, fire halls, or other similar facilities or utilities;

VACATION RENTAL means the use of a self contained dwelling unit for the purposes of providing temporary accommodation for the travelling public in which a proprietor does not reside;

VEHICLE means any motor vehicle as defined under the *Motor Vehicle Act*;

VEHICLE REPAIR SHOP means a use which provides for the servicing and mechanical repair of automobiles, motorcycles, snowmobiles and similar vehicles or the sale, installation or servicing of related accessories and parts. Typical uses include, but are not limited to, transmission shops, muffler shops, body shops, and tire shops;

VETERINARY CLINIC means the use of land, buildings or structures for the care, treatment or hospitalization of animals, birds and fish and may include grooming facilities and sales of accessory supplies, but does not include the keeping or boarding of healthy animals;

WAREHOUSING means a commercial building used for the storage of goods or materials;

WASTE MANAGEMENT FACILITIES means facilities used for the purposes of managing and disposition of waste, including the collection, recovery, transport, treatment and disposal of waste, refuse, compost and recycling;

WOOD PRODUCT MANUFACTURING means land, buildings or structures used for the purposes of a sawmill, planer mill, lumber remanufacturing, log storage yards, shake mills, particle board plants and hard board plants;

WRECKED VEHICLE means a vehicle that is dilapidated, physically wrecked or disabled so that it cannot be operated by its own mode of power; or a vehicle that is dilapidated or appears to be physically wrecked although it could be operated by its own mode of power but is not displaying thereon a lawful current licence for its operation on a highway.

19.0 GENERAL REGULATIONS

General Compliance and Prohibitions

1. No person shall use, occupy or permit any person to use or occupy land, a building or a structure in contravention of this Bylaw.
2. Nothing contained in this Bylaw shall relieve any person from the responsibility to seek and comply with other legislation applicable to that use, activity or other matters regulated under this Bylaw.
3. Use of land, buildings or structures permitted in each zone shall conform to all other applicable regulations under this Bylaw.
4. No building or structure may be placed, constructed, sunk into, erected, moved, sited, altered or enlarged:
 - a. except in conformity with this Bylaw; or
 - b. that would cause any existing building or structure on the same lot to violate the provisions of this Bylaw.
5. No subdivision may be approved:
 - a. except in conformity with this Bylaw; or
 - b. that would cause any existing building or structure to violate the provisions of this Bylaw.

Permitted and Prohibited Uses

6. No land, building or structure may be used for a use not specifically listed under the heading 'Principal Uses' or 'Accessory Uses' in the zone in which the land, building or structure is located, and no building or structure may be placed, constructed, sunk into, erected, moved, sited, altered or enlarged for any use other than specifically permitted in the applicable zone.
7. A use listed under 'Accessory Uses' is only permitted if a use under 'Principal Uses' is lawfully established and on-going.
8. A use is only permitted if lawfully established and on-going in accordance with:
 - a. any applicable conditions identified in each zone or the definitions; and
 - b. any further general regulations applicable to the use as identified in this Bylaw.
9. No lot may be used as a junkyard, auto wrecking yard or for the outdoor storage of more than two (2) wrecked vehicles on any R1 or R2 zoned lot or more than six (6) wrecked vehicles on any R3, R4 and AG zoned lot. Storage of wrecked vehicles on PR and ER zoned properties is prohibited.
10. The following uses shall be permitted in all zones, in accordance with any conditions noted in this section or otherwise in the applicable zone:

- a. parks, playgrounds, and trails;
 - b. fire halls; and
 - c. unattended public utility buildings and structures.
11. There shall be no minimum site area for parks, playgrounds and trails, fire halls, and unattended public utility buildings and structures.
 12. The minimum site area for a lot subdivided under Section 514 of the Local Government Act shall be the minimum lot area of the zone in which the lot is located unless otherwise stated.
 13. Lots that are shown on a plan duly filed in the Land Title Office prior to the adoption of this Bylaw and any previous applicable land use bylaw which have less than the minimum site area required, may be used for any permitted use in the zone where the lot is located provided that the method by which sewage is to be disposed of complies with local health authority requirements and provided that all other requirements applicable to the zone can be met.
 14. No newly created lot shall be bisected by a legally dedicated road.

Density Regulations

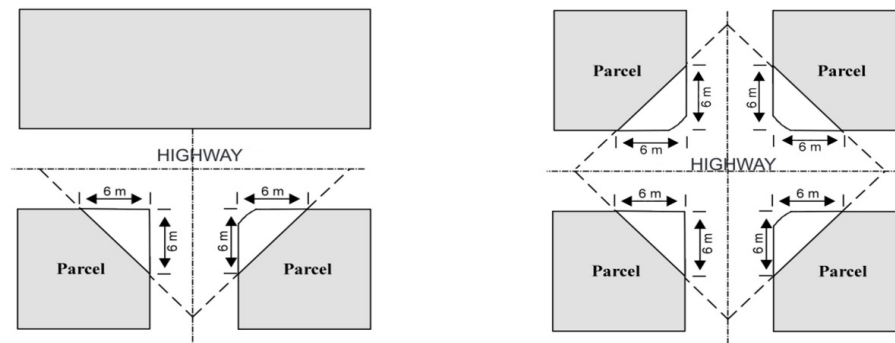
15. Where two or more contiguous lots registered prior to adoption of this Bylaw have less than the minimum site area required by this Bylaw, the lots may be consolidated into fewer lots than existed at the time of application as long as no new lot created is smaller than any previously existing lot.
16. Where it is not possible to create a lot that has the minimum site area required for a zone, the minimum site area requirement will be reduced where the proposed subdivision involves any one of the following and meets local health authority requirements:
 - a. a boundary adjustment that does not create, or make it possible to create additional lots to those that exist at the time of application;
 - b. a lot that, at the time of adoption of this Bylaw, is divided by a highway or forest service road and where the boundaries of the highway or road will be the boundaries of the proposed lots; or
 - c. a lot where two or more single detached, duplex or combination of single detached and duplex dwellings existed prior to adoption of this Bylaw and any previous applicable land use bylaw.
17. The minimum site area for a lot created under Section 16 shall be 0.2 hectares where serviced by a community water system and 0.4 hectares where not serviced by a community water system.
18. Where a dwelling has been constructed across a legal property line prior to the adoption of this Bylaw, lot lines may be adjusted so as to allow property owners to legitimize the structure as long as no lot is reduced in site area.

19. Where a zone includes provisions for maximum floor area or gross floor area of all buildings, including accessory buildings, on the lot divided by the total area of the lot must not exceed the ratio identified for the zone in which the lot is located.
20. Where a zone includes provisions for minimum site area for each 'Principal Use', no lot may be used for more than one principal use unless the lot contains the applicable minimum site area specified within the zone times the number of 'Principal Uses'.
21. Where a zone includes provisions for maximum site coverage, the lot coverage of all buildings and structures on the lot must not exceed the percentage specified for the zone in which the lot is located.
22. Where more than one of the above density provisions applies to any given lot, the most restrictive governs but all remain applicable.

Setbacks and Siting

23. Where a zone includes provisions for minimum setbacks, no building or structure may be placed, constructed, sunk into, erected, sited, altered or enlarged closer to the lot line than the distance specified for the zone in which the building or structure is located, and further:
 - a. setbacks may vary according to any combination of use, building, structure or location within a zone or adjacent zone; and
 - b. any portion of a building or structure located below finished grade is subject to all setbacks for the zone in which the building or structure is located.
24. Where the top surface of an underground structure projects no more than 0.6 metre above the average finished ground elevation, that structure may be sited in any portion of a lot.
25. Freestanding lighting poles, warning devices, antennae, masts, solar collectors, utility poles, wires, and flagpoles up to ten (10) metres in height, may be sited on any portion of a lot.
26. Where chimneys, cornices, leaders, gutters, pilasters, belt courses, sills, bay windows, or ornamental features project beyond the face of the building, the minimum distance to an abutting lot line as required elsewhere in this Bylaw may be reduced by not more than 0.6 metre providing such reduction shall apply only to the projecting feature.
27. Where steps, eaves, sunlight control projections, canopies, balconies, or porches project beyond the face of a building, the minimum distance to an abutting front lot line as permitted elsewhere in this Bylaw may be reduced by not more than 1.2 metres and the minimum distance to an abutting lot line or rear lot line as required elsewhere in this Bylaw may be reduced by not more than 0.6 metre provided such reduction shall apply only to the projecting feature.

28. No person who owns or occupies land at the intersection of two (2) or more highways may place or grow any tree, shrub, plant, fence or other structure within the sight triangle above an elevation such that an eye one (1) metre above the surface elevation on one highway cannot see an object one (1) metre above the surface elevation of the other highway as shown on the sight triangle on Figure 1. The Ministry of Transportation and Infrastructure is the final authority for sight distance on the roads under their jurisdiction and for the purpose of subdivision.



SIGHT TRIANGLE (Figure 1)

Landscape Screening

29. Landscape screens not exceeding a height of one (1) metre may be sited on any portion of a lot; whereas fences not exceeding a height of two (2) metres may be sited only on the rear lot line or along exterior lot lines for properties zoned R1, R2, R3, R4, C1, C2 and CS. These height restrictions do not apply to fencing within property lines used for the purposes of restricting access to areas used for horticulture or keeping of farm animals provided all other provisions are met.
30. Any off-street parking area, exterior display area or loading area on a lot used for industrial purposes on lands designated as M1, M2, M3 and Q shall:
- be provided with screening in the form of a fence not less than 1.5 metre in height or by a hedge not less than 1.5 metre in height at the time of planting where adjacent to a lot in any residential zone; and
 - be separated from any directly abutting lot in any residential zone and from any adjoining highway other than a lane, by a fully and suitably landscaped and properly maintained strip not less than 1.5 metres in width.
31. Where any lot is used for industrial purposes, any part of such lot that is not used for buildings, exterior display areas, parking or loading facilities shall be maintained as a landscaped area or as undisturbed forest.

32. Where any off-street parking area for four (4) or more vehicles is located within 4.5 metres of a front or exterior side lot line, it shall be screened by an evergreen hedge not less than 1.5 metre in height at the time of planting. The minimum width of soil area for the hedge shall be 0.75 metres. The hedge shall be planted one (1) metre from curbs or wheel stops.
33. The design, installation and maintenance of any landscaping area or screen should be in conformity with the current specifications of the British Columbia Landscape Standard prepared by the B.C. Society of Landscape Architects and the B.C. Nursery Trades Association. These standards do not apply where endemic, native plantings are used for landscaping.

Accessory Dwelling

34. Subject to approval from the local health authority for sewage disposal and water supply, one (1) accessory dwelling per lot is permitted as an accessory use subject to the following:
 - a. the minimum site area for the accessory dwelling shall be the same as for a two-family dwelling, depending on the level of servicing, and can be either attached or detached from the principal dwelling;
 - b. the maximum gross floor area is limited to 90 square metres; and
 - c. the accessory dwelling shall not be a recreational vehicle or other vehicle.
35. One (1) additional off street parking space must be provided for an accessory dwelling.

Building New Residence While Occupying Existing Residence

36. In circumstances in which no further dwellings are permitted on a lot, an existing dwelling may be resided in during the construction of a new dwelling, provided that the following requirements are met:
 - a. within a six (6) month period following construction of the new dwelling and the issuance of an occupancy permit for the new dwelling being issued, the existing dwelling is removed or decommissioned; and
 - b. a covenant under Section 219 of the Land Title Act must be registered in the Land Title Office in favor of the Regional District of Central Kootenay stipulating that the initial dwelling will not be used for residential purposes and that any other use must be in accordance with this Bylaw.

Home Based Businesses

37. A home based business, where permitted, must comply with all of the following provisions:

- a. the activity shall be conducted in a dwelling unit or accessory building;
- b. the site area devoted to the home based business, inclusive of external storage of materials, equipment or finished products shall not exceed:
 - i. 100 square metres on any R1 and AG zoned lot; and
 - ii. 200 square metres on any R2, R3 and R4 zoned lot.
- c. no more than four (4) persons who are not a resident of the dwelling may be employed in the home based business;
- d. no change is made in the external appearance of the building which would indicate that a home based business is being conducted except for one un-illuminated sign not exceeding one (1) square metre in size;
- e. external storage of materials, equipment or finished products shall be screened from view from adjacent properties and road right-of-ways;
- f. no dwelling unit or accessory building used for a home based business involving automotive mechanical or body repairs, electronic repairs, wood working, or iron working may be located within 15 metres of a lot line; and
- g. the maximum number of vehicles permitted for repair on any lot at any one time shall be limited to two (2) for lots zoned R1; and six (6) for lots zoned R2, R3, R4 and AG.

Accessory Tourist Accommodation

38. Accessory Tourist Accommodation operations, where permitted, must comply with all of the following provisions:
- a. operations shall be confined to the principal dwelling or to an accessory dwelling;
 - b. the proprietor must reside in the principal dwelling;
 - c. no more than four (4) persons who are not a resident of the dwelling may be employed in the accessory tourist accommodation;
 - d. no change is made in the external appearance of the building(s), which indicates an accessory tourist accommodation operation is being conducted on the premises, except for one un-illuminated sign not exceeding one (1) square metre in size; and
 - e. no more than four (4) sleeping rooms with a maximum of ten (10) lodgers may be used for the accessory tourist accommodation.

Accessory Camping Accommodation

39. Accessory Camping Accommodation operations, where permitted, must comply with all of the following provisions:

- a. accessory camping accommodation shall be permitted on any lots zoned R2, R3 or R4;
- b. accessory camping accommodation on lands within an AG zone are restricted to lots with an agricultural tax assessment from the British Columbia Assessment Authority and where such operations are restricted to less than 5% of the total lot area, inclusive of buildings, landscaping and parking;
- c. accessory camping accommodation shall be limited to a maximum of six (6) campsites;
- d. accessory camping accommodation shall only be permitted on lots 1.0 hectares or larger;
- e. subject to the requirements of the local health authority, accessory camping accommodation shall be required to provide washroom facilities, and may offer full or partial hook-ups, laundry facilities, and other similar facilities; and
- f. accessory camping accommodation shall not include recreation centres, marinas, boat launches, retail stores and other similar facilities.

Recreation Vehicles

- 40. A recreational vehicle may be parked or stored on a property to a maximum of two (2) vehicles.
- 41. A recreational vehicle may be used as temporary living or sleeping quarters but can not be connected to services associated with the principal or an accessory dwelling.
- 42. A recreational vehicle may be used to provide temporary accommodation on a property during construction of a principal or accessory dwelling on a lot, provided that:
 - a. a building permit has been issued for the principal or accessory dwelling and the dwelling is under construction; and
 - b. the occupancy of the recreational vehicle shall not continue beyond commencement of occupancy of the permanent dwelling.

Parking Space Requirements

- 43. Off-street parking spaces for each building and use shall be provided in accordance with the following:
 - a. provincial standards for required parking spaces will apply when dealing with matters that are within its jurisdiction, such as highway access permits; and
 - b. local government standards will apply with respect to the location, design and construction of the parking spaces.
- 44. Off-street parking and loading spaces must be located on the same lot as the use they serve unless a suitably zoned lot is located within 100 metres of the lot.

45. Where some or all of the off-street parking is provided on a lot other than that on which the use, building, or structure being served is located; a covenant under Section 219 of the Land Title Act must be registered in the Land Title Office in favor of the Regional District of Central Kootenay against the lot to be used for parking; reserving the off-street parking spaces that are not on the same lot as the use, building or structure that they are intended to serve, for as long as that use, building or structure exists.

Off-Street Parking Space Standards

46. Off-street parking spaces shall:
- a. be a minimum of 17 square metres and shall have at all times convenient vehicular access to a public thoroughfare;
 - b. each parking space shall have a length of not less than 5.8 metres and a width of not less than 2.6 metres; and
 - c. where a parking space is adjacent to a wall along its side, the width of the parking space shall be increased by 0.6 metres from the minimum required.
47. Where off-street parking is required by this Bylaw and where access for a person with disabilities is required, parking space(s) will be provided in accordance with the British Columbia Building Code.
48. No more than one (1) vehicle with a gross vehicle weight in excess of 4000 kg will be permitted on lots zoned R1, R2, C1, C2, CS, PR and ER with the exception of:
- a. vehicles that are required for construction, repair, servicing or maintenance of a premises which may be on the lot during daylight hours; or
 - b. farm vehicles.

Off-Street Parking and Loading Facilities

49. Off-street loading facilities shall be one (1) space for the first 1,200 m² of gross floor area or fraction thereof, plus an additional space for each additional 2,000 m² of gross floor area or fraction thereof.
50. Off-street loading facilities shall:
- a. be provided entirely within the lot of the development being served and shall be subject to all setback requirements specified elsewhere in this Bylaw;
 - b. shall be oriented away from residential developments;
 - c. shall be of adequate size and accessibility to accommodate the vehicles expected to load and unload;
 - d. each loading space shall have a minimum of three (3) metres in width, a minimum of nine (9) metres in length and maintain overhead clearance of four

(4) metres, unless larger dimensions are required, having regard to the type of vehicle loading and unloading;

- e. not project into any highway or laneway;
- f. have unobstructed vehicular access to a highway or laneway; and
- g. have a durable dust free surface.

51. Off-Street parking and loading space requirements will be calculated as follows:

Category	Type of Uses	Parking Spaces
Residential	Dwelling (one family)	2 spaces per dwelling unit
	Dwelling (two-family)	2 spaces per dwelling unit
	Dwelling (multi-family)	1.5 spaces per dwelling unit
	Dwelling (accessory)	1 space per dwelling unit
	Accessory Tourist Accommodation	1 space per guest room
	Accessory Camping Accommodation	1 space per campsite
	Home-based Business	2 spaces per home-based business
Commercial	All uses in a C1 and C2 zone (except as listed below)	4 spaces per 100 m ² of GFA
	Campground	2 spaces per campsite
	Eating and Drinking Establishment, Breweries and Distilleries	1 space per 4 seats or 10 spaces per 100 m ²
	Eating and Drinking Establishment (Drive-in only)	10 spaces
	Hotels/Motels/Lodges	1 space per guest room plus 1 space per 5 seats in any eating and drinking establishments associated with the facility
	Tourist Attraction	1 per 4 persons capacity
	Gasoline Station, Auto Repair Shop, Auto-body Shop, Car Wash	2 spaces per gasoline pump, 2 spaces per service bay and 2 spaces per 100 m ² or GFA. Minimum of five (5) spaces.
Industrial	All uses in an M or Q zone, except as listed below	1.5 spaces per 100 m ² of GFA, 1 space/employee plus one space for every commercially licensed vehicle for that address
	Truck Repair Shop, Bulk Fuel Depot, Gasoline Key Lock	1 space per 420 m ² of operation area and off street loading

Category	Type of Uses	Parking Spaces
	Truck Terminal, Freight Station	2 spaces and off street loading
Community Services	All uses in a CS zone	1 space per 5 seats of capacity or 10 per 100 m ² of floor area used for patrons, whichever is greater

Keeping of Farm Animals

52. For the purposes of this Bylaw, Animal Units (A.U.) means equivalencies as indicated in the following table:

<u>Sheep</u>	<u>A.U.</u>	<u>Swine</u>	<u>A.U.</u>
ewe	.14	sow	.33
yearling ewe	.10	boar-young (18-90 kg)	.20
lamb ewe	.07	boar-mature	.33
ram	.14	gilt	.33
yearling ram	.10	bred gilt	.33
lamb ram	.07	weaner (less than 18 kg)	.10
nursing lamb	.05	feeder (18-91 kg)	.20
feeder lamb	.10	suckling pig	.01
breeding lamb	.10		
<u>Cattle</u>	<u>A.U.</u>	<u>Poultry</u>	<u>A.U.</u>
cow & calf	1.00	chickens	.015
2 yr. old	1.00	turkeys, raised	.0125
yearling	.67	turkeys, breeding stock	.02
calf	.25	geese	.02
bull	1.00	ducks	.015
<u>Horses</u>	<u>A.U.</u>	<u>Other</u>	<u>A.U.</u>
horse	1.00	goats	.14
colts 1-2 years	.50	rabbit	.025
colts, under 1 yr.	.25	mink	.025

53. Where the keeping of farm animals are permitted, the following provisions are required to be complied with:
- On lots less than 0.4 hectares (1.0 acres), the total number of farm animals and poultry shall not exceed 0.5 animal units. For example, where a lot is smaller than 0.4 hectares (1 acre) in area, a maximum of 33 chickens could be kept (0.5 A.U. divided by 0.015 A.U. per chicken = 33.33 chickens). No roosters will be permitted on lots less than 0.4 hectares (1.0 acres).
 - On lots greater than 0.4 hectares (1.0 acre), the total number of farm animals and poultry shall not exceed two animal units per hectare. For example, where a two hectare lot exists, 6 yearling cattle could be housed (.67 A.U. times 2 hectares times 2 A.U. per hectare = 5.97 yearlings).

- c. No building, structure or enclosure used for housing more than 0.5 animal units shall be located within 4.5 metres (15 feet) of a lot line.
- d. No drinking or feeding troughs or manure piles may be located within 4.5 metres (15 feet) of a lot line.

Zone Boundaries

- 54. The extent of each zone is shown on Schedule 'B.5' – Zoning Map, which is incorporated in and forms part of this Bylaw.
- 55. Where the zone boundary is designated as following a road allowance, creek or other body of water, the property line adjacent to a road allowance or the natural boundary of the creek or body of water shall be considered the zone boundary.

20.0 TOWN-SITE RESIDENTIAL**R1**

PERMITTED USES TABLE FOR R1 ZONE	
1	Principal Uses Dwelling, One Family Dwelling, Two Family Dwelling, Multi-Family Accessory Uses Accessory Building or Structures Accessory Dwellings Accessory Tourist Accommodation Home-based Business Horticulture Keeping of Farm Animals

DEVELOPMENT REGULATIONS TABLE FOR R1 ZONE		
2	Minimum site area for each Principal Use:	
	Community Water System and Community Wastewater System	0.1 hectares
	Community Water System and On-site Wastewater Disposal and/or Individual Water Source and Community Wastewater System	0.2 hectares
	Individual Water Source and On-site Wastewater Disposal	1.0 hectares
3	Minimum front setback	4.5 metres
4	Minimum exterior side setback	4.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Maximum lot coverage	50 percent
8	Maximum building height:	
	Principal buildings	10.0 metres
	Accessory buildings and structures	6.0 metres
9	Minimum lot area for subdivision:	
	Community Water System and Community Wastewater System	0.1 hectares
	Community Water System and On-site Wastewater Disposal and/or Individual Water Source and Community Wastewater System	0.2 hectares
	Individual Water Source and On-site Wastewater Disposal	1.0 hectares

21.0 COUNTRY RESIDENTIAL**R2**

PERMITTED USES TABLE FOR R2 ZONE	
1	Principal Uses Dwelling, One Family Dwelling, Two Family Accessory Uses Accessory Building or Structures Accessory Dwellings <i>with the exception of Hall Siding</i> Accessory Tourist Accommodation Accessory Camping Accommodation Home-based Business Horticulture Keeping of Farm Animals

DEVELOPMENT REGULATIONS TABLE FOR R2 ZONE		
2	Minimum lot area for each Principal Use	1.0 hectares
3	Minimum front setback	7.5 metres
4	Minimum exterior side setback	7.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Maximum lot coverage	35 percent
8	Maximum building height:	
	Principal buildings	10.0 metres
	Accessory buildings and structures	6.0 metres
9	Minimum lot area for subdivision	1.0 hectares

22.0 RURAL RESIDENTIAL**R3**

PERMITTED USES TABLE FOR R3 ZONE	
1	Principal Uses Dwelling, One Family Dwelling, Two Family Horticulture Portable Sawmill Accessory Uses Accessory Building or Structures Accessory Dwellings Accessory Tourist Accommodation Accessory Camping Accommodation Home-based Business Horticulture Keeping of Farm Animals Kennels (maximum ten (10) dogs over 1 year of age) Small Scale Wood Product Manufacturing

DEVELOPMENT REGULATIONS TABLE FOR R3 ZONE		
2	Minimum lot area for each Principal Use	2.0 hectares
3	Minimum lot area for Accessory Kennel Operations	4.0 hectares
4	Minimum front setback	4.5 metres
5	Minimum exterior side setback	4.5 metres
6	Minimum interior side setback	2.5 metres
7	Minimum rear setback	2.5 metres
8	Maximum lot coverage	35 percent
9	Maximum building height: Principal buildings Accessory buildings and structures	10.0 metres 6.0 metres
10	Minimum setback for kennel operations (enclosures)	30.0 metres from any property line
11	Minimum setback for portable sawmills	30.0 metres from any property line
12	Minimum setback for unenclosed small scale wood product manufacturing Minimum setback for enclosed small scale wood product manufacturing	30.0 metres from any property line 15.0 metres from any property line
13	Minimum lot area for subdivision	2.0 hectares
14	Minimum lot area for subdivision (<i>site specific</i>) for portion of <i>Subsidy Lot 43 DL 1242 KD Plan NEPX59 Exc. Plans 16532 and 18785 (PID 012-953-385)</i>	1.0 hectares

23.0 REMOTE RESIDENTIAL**R4**

PERMITTED USES TABLE FOR R4 ZONE	
1	Principal Uses Dwelling, One Family Dwelling, Two Family Horticulture Portable Sawmill Accessory Uses Accessory Building or Structures Accessory Dwellings Accessory Tourist Accommodation Accessory Camping Accommodation Home-based Business Keeping of Farm Animals Kennels (maximum ten (10) dogs over 1 year of age) Small Scale Wood Product Manufacturing

DEVELOPMENT REGULATIONS TABLE FOR R4 ZONE		
2	Minimum lot area for each Principal Use	4.0 hectares
3	Minimum lot area for Accessory Kennel Operations	4.0 hectares
4	Minimum front setback	4.5 metres
5	Minimum exterior side setback	4.5 metres
6	Minimum interior side setback	2.5 metres
7	Minimum rear setback	2.5 metres
8	Maximum lot coverage	35 percent
9	Maximum building height: Principal buildings Accessory buildings and structures	10.0 metres 6.0 metres
10	Minimum setback for kennel operations (enclosures)	30.0 metres from any property line
11	Minimum setback for portable sawmills	30.0 metres from any property line
12	Minimum setback for unenclosed small scale wood product manufacturing Minimum setback for enclosed small scale wood product manufacturing	30.0 metres from any property line 15.0 metres from any property line
13	Minimum lot area for subdivision	4.0 hectares

24.0 MULTI UNIT RESIDENTIAL**R5**

PERMITTED USES TABLE FOR R5 ZONE		
1	Principal Uses Dwelling, Multi-Family Manufactured Home Park Accessory Uses Accessory Building or Structures Home-based Business Horticulture	
DEVELOPMENT REGULATIONS TABLE FOR R5 ZONE		
2	Minimum site area for Dwelling, Multi-Family: Community Water System and Community Wastewater System Community Water System and On-site Wastewater Disposal and/or Individual Water Source and Community Wastewater System Individual Water Source and On-site Wastewater Disposal Minimum site area for Manufactured Home Park	0.1 hectares 0.2 hectares 1.0 hectares 0.8 hectares
DEVELOPMENT REGULATIONS FOR DWELLING, MULTI-FAMILY		
3	Minimum front setback	4.5 metres
4	Minimum exterior side setback	4.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Maximum lot coverage	50 percent
8	Maximum building height: Principal buildings Accessory buildings and structures	10.0 metres 6.0 metres
DEVELOPMENT REGULATIONS FOR MANUFACTURED HOME PARK		
9	Manufactured Home Parks shall comply with all applicable regulations in any applicable Manufactured Home Park Bylaw adopted by the RDCK Board	
10	Minimum lot area for subdivision: Community Water System and Community Wastewater System Community Water System and On-site Wastewater Disposal and/or Individual Water Source and Community Wastewater System Individual Water Source and On-site Wastewater Disposal	0.1 hectares 0.2 hectares 1.0 hectares

25.0 GENERAL COMMERCIAL**C1**

PERMITTED USES TABLE FOR C1 ZONE	
1	Principal Uses Artisan Crafts Production and Sales Breweries and Distilleries Community Market Day Care Facility Eating and Drinking Establishment Farmer's Market Food and Beverage Processing Golf Course Group Care Facilities Laundromat Liquor Store Mixed Use Development Offices Personal Service Establishment Repair Shop Retail Store Service Station Veterinary Clinic Accessory Uses Accessory Building or Structures

DEVELOPMENT REGULATIONS TABLE FOR C1 ZONE		
2	Minimum lot area for each Principal Use: Community Water System and Community Wastewater System Community Water System and On-site Wastewater Disposal and/or Individual Water Source and On-lot Wastewater Disposal Individual Water Source and On-site Wastewater Disposal	0.1 hectares 0.4 hectares 1.0 hectares
3	Minimum front setback	7.5 metres
4	Minimum exterior side setback	7.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Maximum lot coverage	50 percent
8	Maximum building height: Principal buildings Accessory buildings and structures	10.0 metres 6.0 metres

9	Minimum lot area for subdivision:	
	Community Water System and Community Wastewater System	0.1 hectares
	Community Water System and On-site Wastewater Disposal and/or Individual Water Source and Community Wastewater System	0.2 hectares
	Individual Water Source and On-site Wastewater Disposal	1.0 hectares

26.0 TOURIST COMMERCIAL**C2****PERMITTED USES TABLE FOR C2 ZONE**

1	<p>Principal Uses</p> <ul style="list-style-type: none"> Artisan Craft Production and Sales Breweries and Distilleries Campground Commercial Back Country Recreation Dwellings, Multi-Family Eating and Drinking Establishment Golf Course Tourist Accommodation Interpretive Facilities Mixed Use Development Museum Outdoor Recreational Activities Resort Vacation Rental <p>Accessory Uses to 'Tourist Accommodation' and 'Campgrounds'</p> <ul style="list-style-type: none"> Retail Store Laundromat Liquor Store Personal Service Establishment <p>Accessory Uses</p> <ul style="list-style-type: none"> Accessory Building or Structures Accessory Dwelling
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DEVELOPMENT REGULATIONS TABLE FOR C2 ZONE

2	<p>Minimum lot area for each Principal Use:</p> <table border="0"> <tr> <td>Community Water System and Community Wastewater System</td><td></td></tr> <tr> <td> Tourist Accommodation, Resort</td><td></td></tr> <tr> <td> First sleeping room</td><td>0.2 hectares</td></tr> <tr> <td> Each additional sleeping room</td><td>200 square metres</td></tr> <tr> <td> Other permitted uses</td><td>0.2 hectares</td></tr> <tr> <td>Community Water System and On-site Wastewater Disposal and/or Individual Water Source and Community Wastewater System</td><td></td></tr> <tr> <td> Tourist Accommodation, Resort</td><td></td></tr> <tr> <td> First sleeping room</td><td>0.4 hectares</td></tr> <tr> <td> Each additional sleeping room</td><td>400 square metres</td></tr> <tr> <td> Other permitted uses</td><td>0.4 hectares</td></tr> <tr> <td>On-site Water Source and On-site Wastewater</td><td></td></tr> </table>	Community Water System and Community Wastewater System		Tourist Accommodation, Resort		First sleeping room	0.2 hectares	Each additional sleeping room	200 square metres	Other permitted uses	0.2 hectares	Community Water System and On-site Wastewater Disposal and/or Individual Water Source and Community Wastewater System		Tourist Accommodation, Resort		First sleeping room	0.4 hectares	Each additional sleeping room	400 square metres	Other permitted uses	0.4 hectares	On-site Water Source and On-site Wastewater	
Community Water System and Community Wastewater System																							
Tourist Accommodation, Resort																							
First sleeping room	0.2 hectares																						
Each additional sleeping room	200 square metres																						
Other permitted uses	0.2 hectares																						
Community Water System and On-site Wastewater Disposal and/or Individual Water Source and Community Wastewater System																							
Tourist Accommodation, Resort																							
First sleeping room	0.4 hectares																						
Each additional sleeping room	400 square metres																						
Other permitted uses	0.4 hectares																						
On-site Water Source and On-site Wastewater																							

	Disposal	
	Tourist Accommodation, Resort	
	First sleeping room	1.0 hectares
	Each additional sleeping room	600 square metres
	Other permitted uses	1.0 hectares
3	Minimum front setback	4.5 metres
4	Minimum exterior side setback	4.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Maximum lot coverage	50 percent
8	Maximum building height:	
	Principal buildings	10.0 metres
	Accessory buildings and structures	6.0 metres
9	Minimum lot area for subdivision:	
	Community Water System and Community Wastewater System	0.1 hectares
	Community Water System and On-site Wastewater Disposal	0.2 hectares
	Individual Water Source and Community Wastewater System	0.2 hectares
	Individual Water Source and On-site Wastewater Disposal	1.0 hectares

27.0 LIGHT INDUSTRIAL**M1**

PERMITTED USES TABLE FOR M1 ZONE	
1	Principal Uses Breweries and Distilleries Car Wash Food and Beverage Processing Licensed Medical Marihuana Production Facility Licensed Medical Marihuana Research and Development Facility Light Manufacturing Recycling Depot Repair Shop Service Station Small Scale Wood Product Manufacturing Storage Yard Vehicle and Equipment Repair Shop Warehousing Accessory Uses Accessory Building or Structures Accessory Dwelling

DEVELOPMENT REGULATIONS TABLE FOR M1 ZONE		
2	Minimum lot area for each Principal Use	1.0 hectare
3	Minimum front setback	15.0 metres
4	Minimum exterior side setback	15.0 metres
5	Minimum interior side setback	4.5 metres
6	Minimum rear setback	4.5 metres
7	Minimum rear or interior lot line setback that abuts an agricultural or residential zone	25.0 metres
8	Maximum lot coverage	50 percent
9	Maximum building height:	
	Principal buildings	15.0 metres
	Accessory buildings and structures	6.0 metres
10	Minimum lot area for subdivision	1.0 hectare

28.0 MEDIUM INDUSTRIAL**M2**

PERMITTED USES TABLE FOR M2 ZONE	
1	Principal Uses All uses permitted in the Light Industrial (M1) zone Wood Product Manufacturing Accessory Uses Accessory Building or Structures Accessory Dwelling

DEVELOPMENT REGULATIONS TABLE FOR M2 ZONE		
2	Minimum lot area for each Principal Use	2.0 hectare
3	Minimum front setback	15.0 metres
4	Minimum exterior side setback	15.0 metres
5	Minimum interior side setback	4.5 metres
6	Minimum rear setback	4.5 metres
7	Minimum rear or interior lot line setback that abuts an agricultural or residential zone	25.0 metres
8	Maximum lot coverage for building and structures Maximum lot coverage for outside storage of materials	50 percent 75 percent
9	Maximum building height: Principal buildings Accessory buildings and structures	15.0 metres 6.0 metres
10	Minimum lot area for subdivision	2.0 hectare

29.0 HEAVY INDUSTRIAL**M3**

PERMITTED USES TABLE FOR M3 ZONE	
1	Principal Uses All uses permitted in the M1 and M2 zones Asphalt and Concrete Manufacturing Auto Wrecking Junk Yard Waste Management Facilities Accessory Uses Accessory Building or Structures Accessory Dwelling

DEVELOPMENT REGULATIONS TABLE FOR M3 ZONE		
2	Minimum lot area for each Principal Use	2.0 hectares
3	Minimum front setback	15.0 metres
4	Minimum exterior side setback	15.0 metres
5	Minimum interior side setback	4.5 metres
6	Minimum rear setback	4.5 metres
7	Minimum rear or interior lot line setback that abuts an agricultural or residential zone	25.0 metres
8	Minimum setback from all property lines for equipment and/or machinery that grades, washes, or crushes primary mineral resources, concrete batch plants or asphalt processing	75.0 metres
9	Maximum lot coverage for building and structures	50 percent
	Maximum lot coverage for outside storage of materials	75 percent
10	Maximum building height:	
	Principal buildings	15.0 metres
	Accessory buildings and structures	6.0 metres
11	Minimum lot area for subdivision	2.0 hectares

30.0 COMMUNITY SERVICE**CS**

PERMITTED USES TABLE FOR CS ZONE	
1	Principal Uses
	Community Care Facility Community Garden Community Hall Community Market Day Care Facility Educational Facilities Farmer's Market Group Care Facilities Health Services Offices Place of Worship or Congregation
	Accessory Uses
	Accessory Building or Structures

DEVELOPMENT REGULATIONS TABLE FOR CS ZONE		
2	Minimum lot area for each Principal Use:	
	Community Water System and Community Wastewater System	0.1 hectares
	Community Water System and On-site Wastewater Disposal and/or Individual Water Source and Community Wastewater System	0.2 hectares
	Individual Water Source and On-site Wastewater Disposal	1.0 hectares
3	Minimum front setback	4.5 metres
4	Minimum exterior side setback	4.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Maximum lot coverage	50 percent
8	Maximum building height:	
	Principal buildings	10.0 metres
	Accessory buildings and structures	6.0 metres
9	Minimum lot area for subdivision	
	Community Water System and Community Wastewater System	0.1 hectares
	Community Water System and On-site Wastewater Disposal and/or Individual Water Source and Community Wastewater System	0.2 hectares
	Individual Water Source and On-site Wastewater	1.0 hectares

31.0 AGRICULTURE**AG**

PERMITTED USES TABLE FOR AG ZONE	
1	<p>Principal Uses</p> <p>Agriculture, Farm Buildings and Structures</p> <p>Abattoir</p> <p>Dwelling, One Family</p> <p>Dwelling, Two Family</p> <p>Farm Use (as defined in the Agricultural Land Commission Act and Part 2 Section 2 of the Agricultural Land Reserve Use, Subdivision and Procedures Regulation)</p> <p>Accessory Uses</p> <p>Accessory Building or Structures</p> <p>Accessory Dwellings (as defined in the <i>Agricultural Land Commission Act</i> and the <i>Agricultural Land Reserve Use, Subdivision and Procedures Regulation</i>)</p> <p>Accessory Manufactured Home (<i>for the use of an immediate family member</i>)</p> <p>Accessory Secondary Suites</p> <p>Accessory Tourist Accommodation</p> <p>Accessory Camping Accommodation</p> <p>Home Based Business</p> <p>Secondary Dwellings (<i>subject to a lot being at least 50 hectares</i>)</p> <p>Non-Farm Uses (as defined in the <i>Agricultural Land Commission Act</i> and the <i>Agricultural Land Reserve Use, Subdivision and Procedures Regulation</i>)</p>

DEVELOPMENT REGULATIONS TABLE FOR AG ZONE		
2	Minimum lot area for each Non-Farm Use	4 hectares
3	Minimum front setback	7.5 metres
4	Minimum exterior side setback	7.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Maximum lot coverage	35 percent 60 percent if area is covered in greenhouses only
8	Maximum building height: Principal buildings Accessory buildings and structures	15.0 metres 6.0 metres
9	Minimum setback for kennel operations (enclosures)	30.0 metres from any property line
10	Minimum setback for portable saw mills	30.0 metres from any property line
11	Minimum lot area for subdivision	4 hectares

32.0 PARKS AND RECREATION**PR**

PERMITTED USES TABLE FOR PR ZONE	
1	Principal Uses
	Campground
	Community Garden
	Community Market
	Community Wharves and Boat Launches
	Farmer's Market
	Nature Sanctuary
	Accessory Uses
	Concessions
	Interpretative Facilities
	Washroom Facilities

DEVELOPMENT REGULATIONS TABLE FOR PR ZONE		
2	Minimum lot area for each Principal Use	1.0 hectares
3	Minimum front setback	4.5 metres
4	Minimum exterior side setback	4.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Maximum lot coverage	35 percent
9	Minimum lot area for subdivision	1.0 hectares

33.0 PUBLIC UTILITY**U**

PERMITTED USES TABLE FOR U ZONE	
1	Principal Uses Community Water System Community Wastewater System Unattended Public Utilities Attended Public Utilities Accessory Uses Accessory Building or Structures

DEVELOPMENT REGULATIONS TABLE FOR U ZONE		
2	Minimum lot area for each Principal Use	1.0 hectares
3	Minimum front setback	4.5 metres
4	Minimum exterior side setback	4.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Maximum lot coverage	35 percent
9	Minimum lot area for subdivision	1.0 hectares

34.0 QUARRY**Q**

PERMITTED USES TABLE FOR Q ZONE	
1	Principal Uses Asphalt and Concrete Manufacturing Resource Based Activities Resource Processing Storage Yard Accessory Uses Accessory Building or Structures Accessory Dwelling

DEVELOPMENT REGULATIONS TABLE FOR Q ZONE		
2	Minimum lot area for each Principal Use	5.0 hectares
3	Minimum front setback	7.5 metres
4	Minimum exterior side setback	7.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Minimum setback from all property lines for resource processing	100.0 metres
8	Minimum lot area for subdivision	5.0 hectares

35.0 ENVIRONMENTAL RESERVE**ER**

PERMITTED USES TABLE FOR ER ZONE	
1	Principal Uses Nature Sanctuary Accessory Uses Interpretative Facilities Washroom Facilities

DEVELOPMENT REGULATIONS TABLE FOR ER ZONE		
2	Minimum lot area for each Principal Use	1.0 hectares
3	Minimum front setback	4.5 metres
4	Minimum exterior side setback	4.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Minimum lot area for subdivision	1.0 hectares

36.0 RESOURCE AREA**RA**

PERMITTED USES TABLE FOR RA ZONE	
1	Principal Uses Agriculture Commercial Back Country Recreation Nature Sanctuary Resource Based Activities Resource Processing Accessory Uses Interpretative Facilities Washroom Facilities

DEVELOPMENT REGULATIONS TABLE FOR RA ZONE		
2	Minimum lot area for each Principal Use	15.0 hectares
3	Minimum front setback	7.5 metres
4	Minimum exterior side setback	7.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Minimum lot area for subdivision	15.0 hectares

37.0 FOREST RESERVE**FR**

PERMITTED USES TABLE FOR FR ZONE	
1	Principal Uses Agriculture Commercial Back Country Recreation Nature Sanctuary Resource Based Activities Resource Processing Accessory Uses Interpretative Facilities Washroom Facilities

DEVELOPMENT REGULATIONS TABLE FOR FR ZONE		
2	Minimum lot area for each Principal Use	15.0 hectares
3	Minimum front setback	7.5 metres
4	Minimum exterior side setback	7.5 metres
5	Minimum interior side setback	2.5 metres
6	Minimum rear setback	2.5 metres
7	Minimum lot area for subdivision	15.0 hectares





REGIONAL DISTRICT
OF CENTRAL KOOTENAY

LEGEND

- Mapsheet Index
- Area G Boundary
- Roads
- Lot Lines
- Proposed Zoned Area

Map Projection:
UTM Zone 11

Map Datum:
NAD83

Date:
2/22/2018

1:100,000

5 km

DATA SOURCES

The following sources of data are updated as changes occur:

Cadastral Lot - Surveyed lots/parcels of land;
Sources: Crown Land Registry Services and RDCK

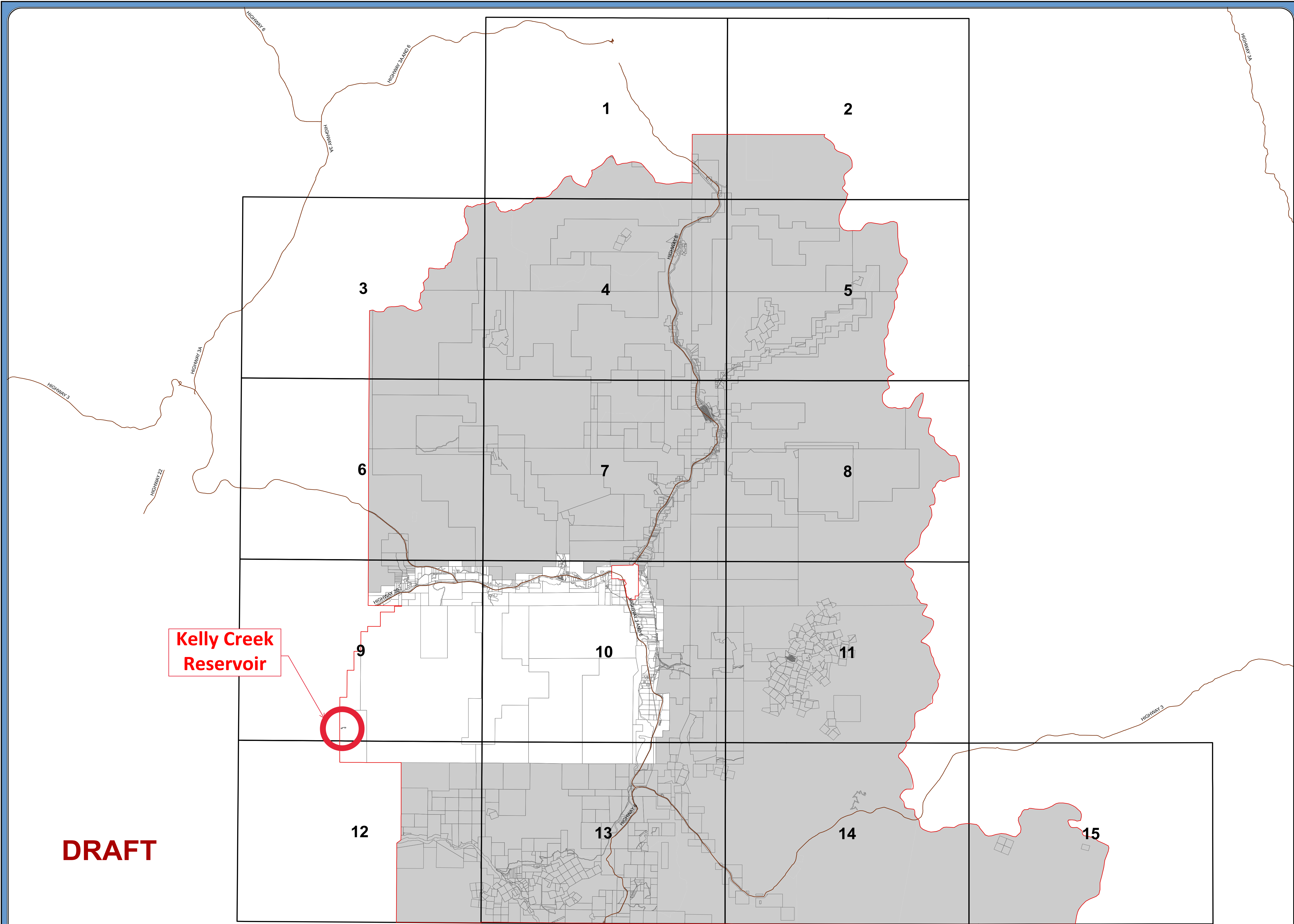
TRIM Data - Planimetry, Unsurveyed Roads, and Contours; Source: Ministry of Water, Land and Air Protection

Zoning - Rural Land Use, Land Use and Zoning Bylaws, where bylaws are in place; Source: RDCK

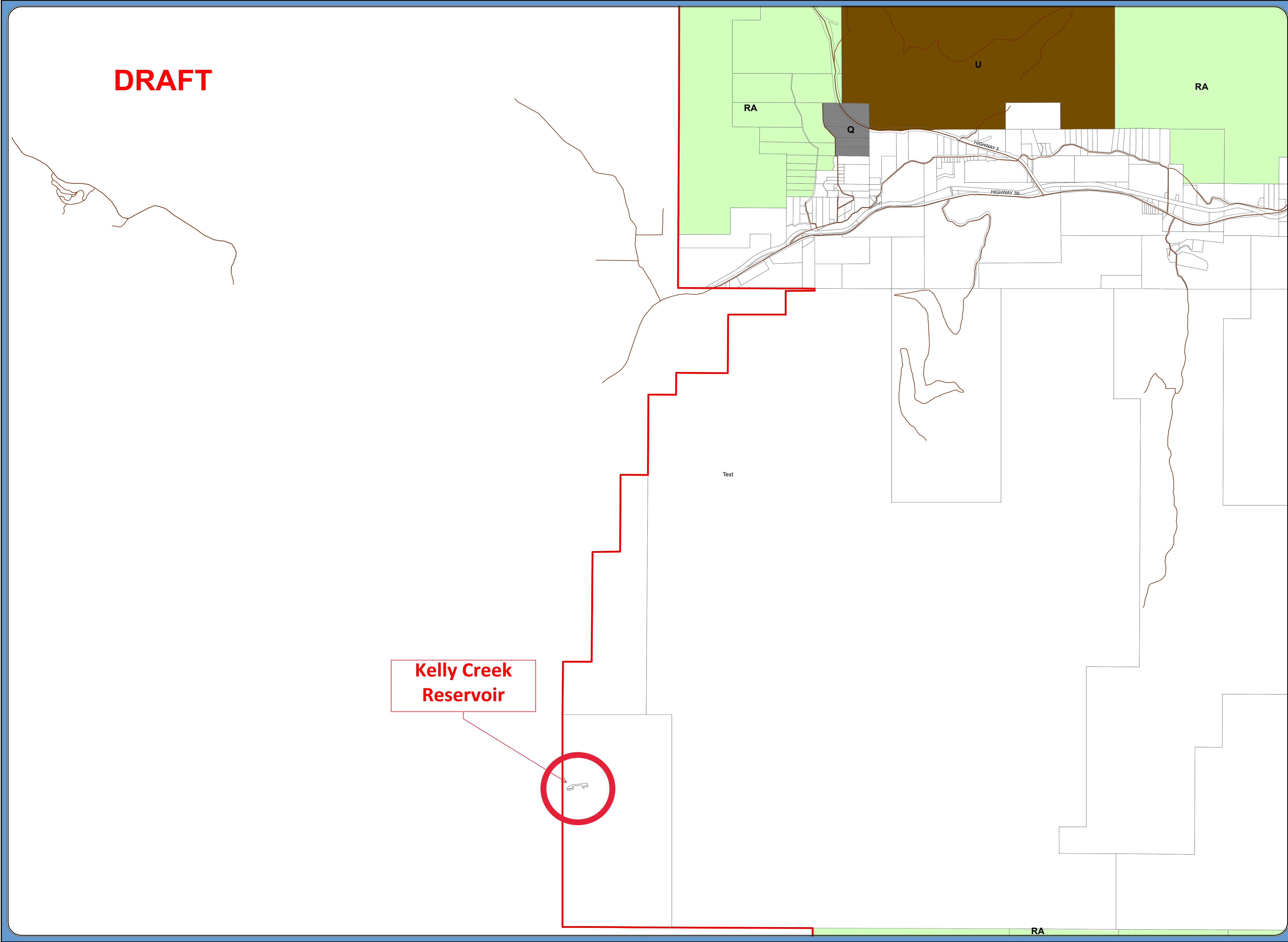
Roads - Road centerline compiled 2003; Source: RDCK

Regional District of Central Kootenay
Box 590, 202 Lakeside Drive, Nelson, BC V1L 5R4
Phone: (250) 352-6665
Toll-Free 1-800-268-7325 (BC)
Fax: (250) 352-9300 Internet: www.rdck.bc.ca

ZONING
INDEX MAP



DRAFT



**REGIONAL DISTRICT
OF CENTRAL KOOTENAY**

LEGEND

- Area G Boundary
- Roads
- Lot Lines

ZONING

- R1 - Townsite Residential
- R2 - Country Residential
- R3 - Rural Residential
- R4- Remote Residential
- C1 - General Commercial
- C2 - Tourist Commercial
- M1 - Light Industrial
- M2 - Medium Industrial
- M3 - Heavy Industrial
- AG - Agriculture
- CS - Community Services
- ER - Environmental Reserve
- PR - Parks and Recreation
- FR - Forest Reserve
- Q - Quarry
- RA - Resource Area
- U - Utility

Map Projection:
UTM Zone 11

Map Datum:
NAD83

Date:
2/1/2018

1:24,430

1 Km

DATA SOURCES

The following sources of data are updated as changes occur:

Cadastral Lot - Surveyed lots/parcels of land;
Sources: Crown Land Registry Services and RDCK

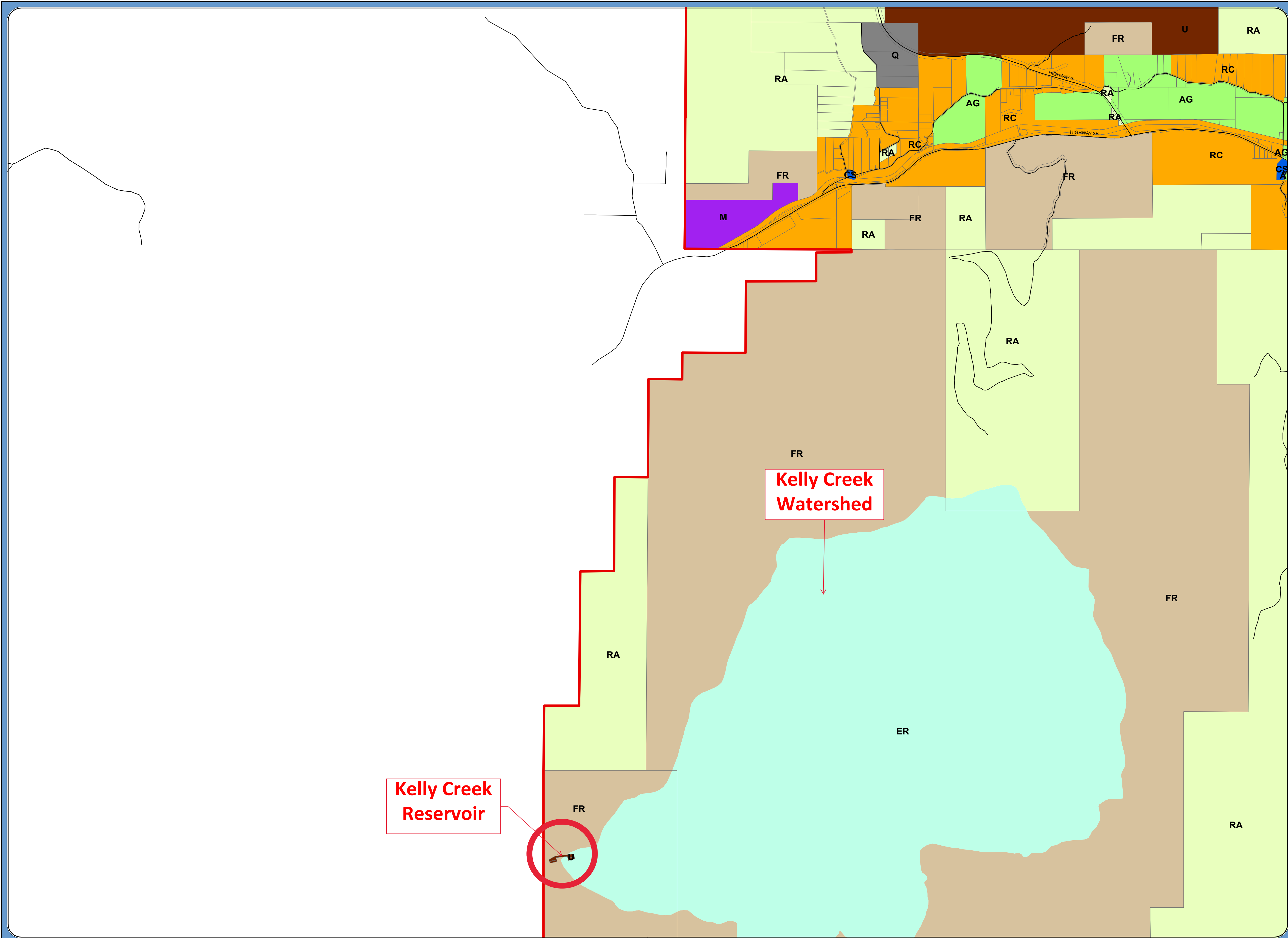
District Lot; Source: Crown Land Registry Services, Integrated Cadastral Initiative (ICI) and RDCK

TRIM Data - Planimetry, Unsurveyed Roads, and Contours; Source: Ministry of Water, Land and Air Protection

Roads - Road centerline compiled 2003;
Source: RDCK

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**SCHEDULE B.1
ZONING
MAP 9 OF 15**



REGIONAL DISTRICT
OF CENTRAL KOOTENAY

LEGEND

- Area G Boundary
- Roads
- Lot Lines
- OCP Designations**
- RS-Suburban Residential
- RC-Country Residential
- RR-Rural Residential
- GC-Commercial
- TC-Tourist Commercial
- M-Industrial
- AG-Agricultural
- CS-Community Services
- ER-Environmental Reserve
- FR-Forest Reserve
- PR-Parks and Recreation
- RA-Resource Area
- U-Utilities
- Q-Quarry

DATA SOURCES

The following sources of data are updated as changes occur:

Cadastral Lot - Surveyed lots/parcels of land;
Sources: Crown Land Registry Services and RDCK

District Lot; Source: Crown Land Registry Services, Integrated Cadastral Initiative (ICI) and RDCK

TRIM Data - Planimetry, Unsurveyed Roads, and Contours; Source: Ministry of Water, Land and Air Protection

Roads - Road centerline compiled 2003;
Source: RDCK

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Map Projection:
UTM Zone 11

Map Datum:
NAD83

Date:
2/1/2018

1 Km

SCHEDULE A.1
OFFICIAL COMMUNITY
PLAN DESIGNATIONS

MAP 9 of 15



REGIONAL DISTRICT
OF CENTRAL KOOTENAY

LEGEND

- Domestic Water Intakes
- Streams
- Lakes
- Wetlands
- WDPA 30m Buffer
- WDPA 15m Buffer
- Area G Boundary
- Roads
- Lot Lines

Map Projection:
UTM Zone 11

Map Datum:
NAD83

Date:
3/6/2018

1:20,000

1 Km

DATA SOURCES

The following sources of data are updated as changes occur:

Cadastral Lot - Surveyed lots/parcels of land;
Sources: Crown Land Registry Services and RDCK

District Lot; Source: Crown Land Registry Services, Integrated Cadastral Initiative (ICI) and RDCK

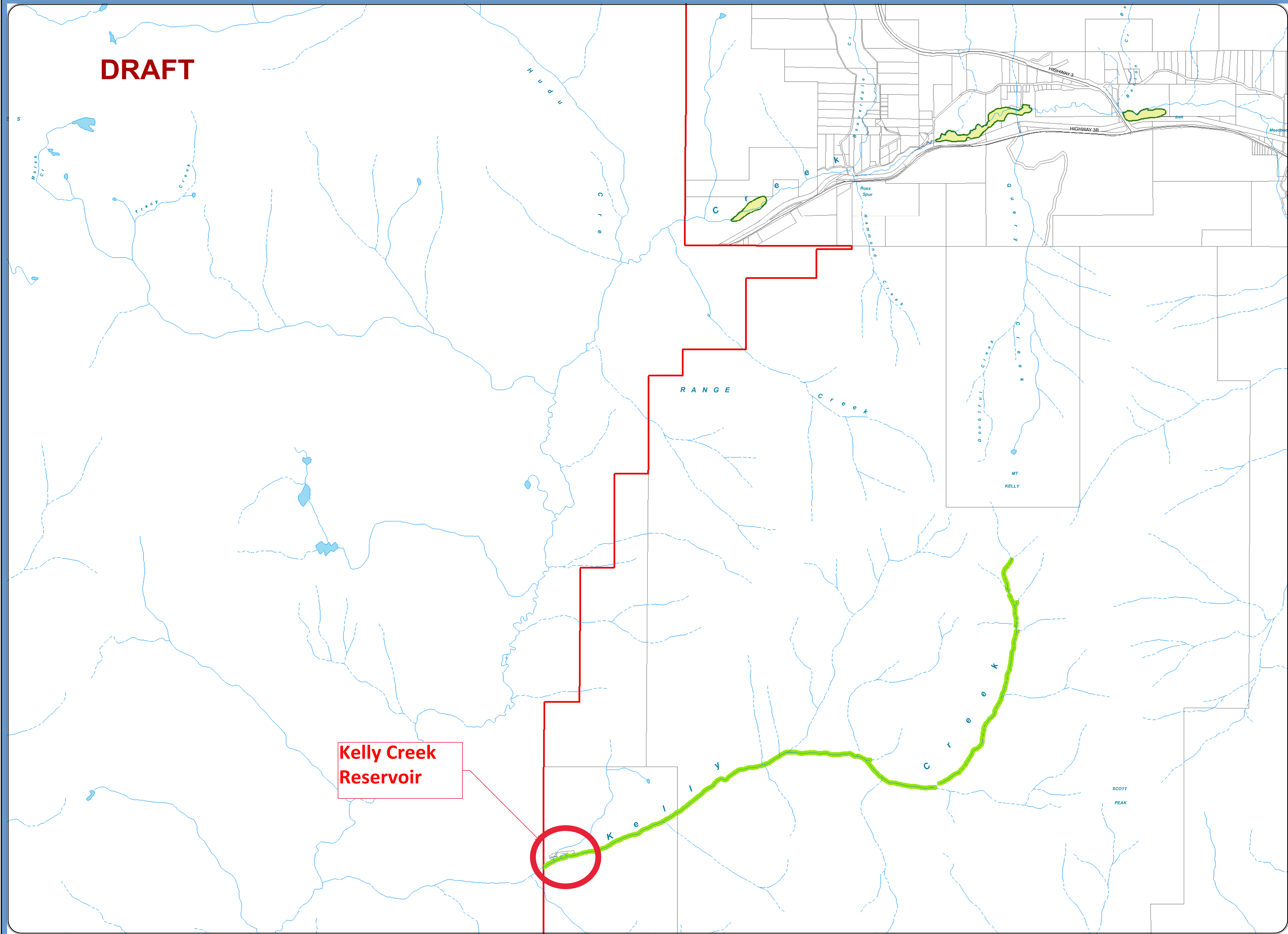
TRIM Data - Planimetry, Unsurveyed Roads, and Contours; Source: Ministry of Water, Land and Air Protection

Roads - Road centerline compiled 2003;
Source: RDCK

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Fax: (250) 352-9300 Internet: www.rdck.bc.ca

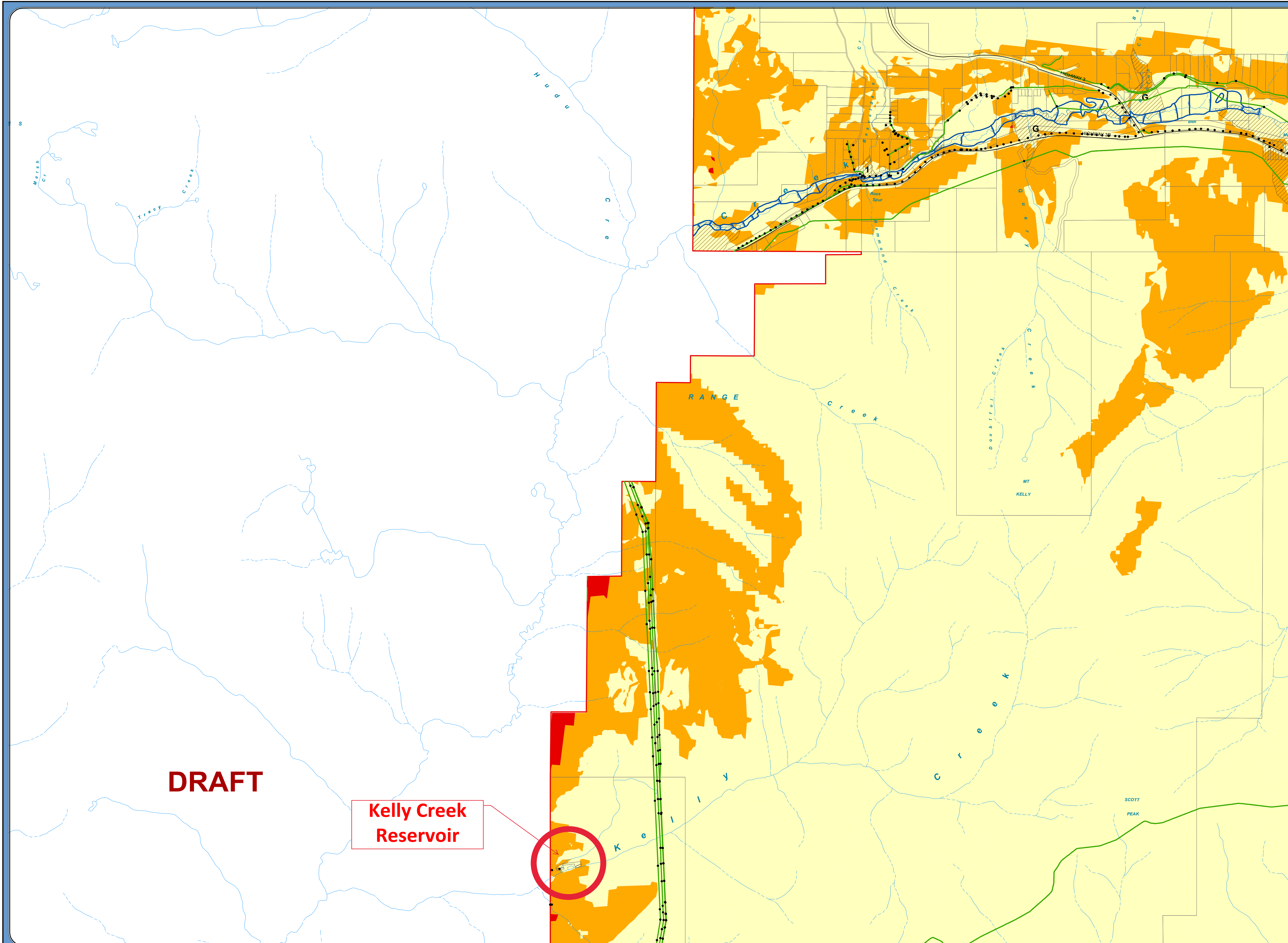
SCHEDULE A.4
WATERCOURSE DEVELOPMENT
PERMIT AREA

Map Page 9 of 15



DRAFT

Kelly Creek
Reservoir



**REGIONAL DISTRICT
OF CENTRAL KOOTENAY**

LEGEND

- Critical Infrastructure Points
 - Ymir Water System Structures
 - Critical Infrastructure Lines
 - Ymir Water Main Line
 - Streams
 - Area G Boundary
 - Highways
 - Floodplain
 - ▨ NSFEA
 - Lot Lines
 - Salmo Sewage Treatment Plant
- ### Wildfire Risk Rating
- High
 - Moderate
 - Low



Map Projection:
UTM Zone 11

Map Datum:
NAD83

Date:
2/2/2018

1:20,000

1
— Km

DATA SOURCES

The following sources of data are updated as changes occur:

Cadastral Lot - Surveyed lots/parcels of land;
Sources: Crown Land Registry Services and RDCK

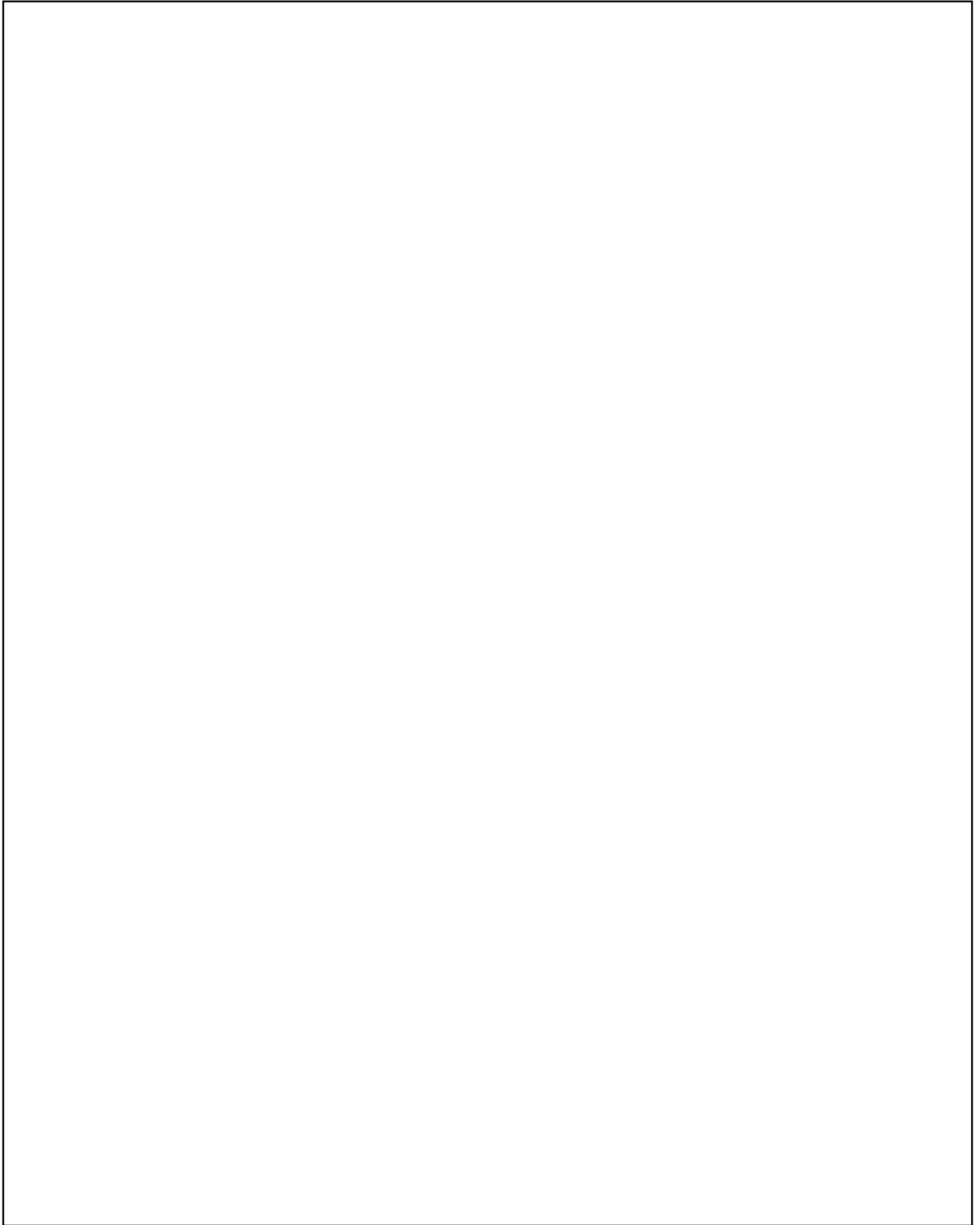
District Lot; Source: Crown Land Registry Services, Integrated Cadastral Initiative (ICI) and RDCK

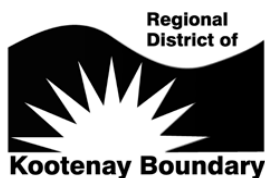
TRIM Data - Planimetry, Unserved Roads, and Contours; Source: Ministry of Water, Land and Air Protection

Roads - Road centerline compiled 2003;
Source: RDCK

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**SCHEDULE A.2
HAZARDS
MAP 15 of 15**





STAFF REPORT

Date:	March 27, 2018	File #:	A-16
To:	Chair Russell, and the Board of Directors		
From:	Ken Gobeil, Planner		
RE:	Forestry Referral – Atco Wood Products: Development Area I		

ISSUE INTRODUCTION

Atco Wood Products (ATCO) has invited the Regional District to provide comments regarding 6 proposed cut blocks (I12 to I17) in Atco's Development Area 'I'. The proposed cut blocks are north of the Columbia River and the City of Trail in Electoral Area 'A' (see Applicants' Submission).

HISTORY / BACKGROUND INFORMATION

Property Information	
Owner(s):	Crown
Applicant:	Gord Emery (Atco Wood Products)
Location:	Un-surveyed Crown Land north of Trail
Electoral Area:	Electoral Area 'A'
Legal Description(s):	Un-surveyed Crown Land
Area:	68.6 hectares
Current Use(s):	Forest
Land Use Bylaws	
Official Community Plan Bylaw No. 1125	Rural Resource 2
Zoning Bylaw No. 1166	Rural Resource 2
Other	
ALR:	None
Waterfront / Floodplain	Creeks

Page 1 of 3

P:\PD\General Files\A-16 ATCO\2018\2018-February Cut Blocks\Board\2018-03-07_ATCO_Board2.docx

PROPOSAL

ATCO proposes to harvest a variety of trees from 6 cut blocks in 68.6 hectares. These include Western Red Cedar, Douglas Fir, Western Larch, Western Hemlock, and Lodgepole Pine. These are in the Bear Creek and Jordan Creek geographic area. The cut blocks are all proposed on Crown Land.

The focus for this application is timber volume, with a minor focus on forest health. Access to the cut blocks will be via Bear Creek Road; approximately 5 kilometres of new roads are proposed. These roads will be a mix of permanent, 5-year semi-permanent roads, and short term in block roads.

At the time this report was written, Atco is still in the process of developing their permit application to the Province. It is not expected to be submitted until late summer or fall. After the permit is approved the area can be logged at any given time within a 4-year period.

Information for each of the proposed cut blocks are as follows:

Block Number	Area of Cut (hectares)	Species	Silviculture Method	Harvest Method
I12	8.6	PIFdLw(Cw)	Clear-cut with Reserves	Conventional
I13	5.8	FdLwPI	Clear-cut with Reserves	Conventional
I14	14.6	CwFdLw(PI)	Clear-cut with Reserves	Conventional
I15	24.2	PLwFdCw	Clear-cut with Reserves	Conventional
I16	8.9	HwPiCwFd	Clear-cut with Reserves	Conventional
I17	6.5	CwHw(FdLw)	Clear-cut with Reserves	Conventional
Total	68.6	*Cw – Western Redcedar, Fd – Douglas Fir, Lw- Western Larch, PI – Lodgepole Pine, Hw – Western Hemlock		

IMPLICATIONS

Resource use is permitted in the Rural Resource 2 Zone. Resource use is defined as:

- the use of land providing for the conservation and management of natural resources, extraction of primary forest materials, or the extraction and grading of mineral resources, and including agriculture and grazing.

There are several creeks and tributaries in this area, as well as existing cut blocks, and access roads. All forest operations on Crown land in BC are governed by the *Forest and Range Practices Act (FRPA)* and its regulations. Objectives with regard to carrying out primary forest activities in watersheds are outlined in the *Forest Planning and Practices Regulation* Section 59-62. It specifies that the licence holder must protect water quality and not create any source of sediments which could enter the watercourses.

To ensure development activities aren't adversely affecting watercourses, Atco has the following practices:

Some of the steps Atco has taken to protect riparian features as part of their operating procedure include:

- Consult with hydrologists and engineers,
- Assessments of the blocks are done during snow free times of the year,
- Create riparian reserve zones and machine free zones,
- Minimize road lengths,
- Create water bars and deactivate in block roads post-harvest,
- Minimize skidding trails and stream crossings,
- Closely monitor the harvesting activities occurring near watercourses
- Conduct post-harvest assessments to verify that everything went as planned
 - Conduct follow up work as needed.

ADVISORY PLANNING COMMISSION (APC)

The Electoral Area 'A' APC had no concerns and supported the ATCO proposal.

PROPOSAL

That the staff report regarding 6 proposed cut blocks in Unsurveyed Crown land north of Trail in Electoral Area 'A' be received.

ATTACHMENTS

Applicants' Submission



Applicant Submission

February 14, 2018

Regional District Kootenay/Boundary
 #202 843 Rossland Ave.
 Trail, B.C.
 V1R 4S8

Attn: Carly Rimell

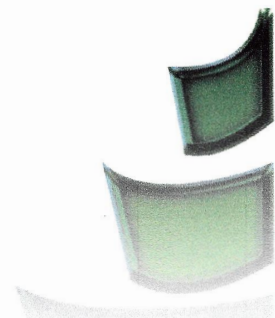
Re: Atco Wood Products, Development Area I (Bear Creek / Jordan Creek) Proposed Development.

This letter is to provide you with an opportunity to comment on proposed cut blocks I12 to I17 located in geographic area letter I. Attached is a map for your reference of approximate block and road locations.

The proposed cut blocks are located in the Bear Creek and Jordan Creek geographic areas. The proposed blocks will be accessed via the Bear Creek Forest Service Road and existing and proposed sections of Road Permit R09281 and in-block roads. The main focus of the blocks is timber volume with some minor forest health.

The approximate amount of proposed road to be built is 5km and the approximate amount of hectares to be harvested is 69ha. See the table below for the proposed blocks breakdown;

P.O. Box 460 Fruitvale, BC V0G 1L0
 Main Office: P 250 / 367.9441 F 250/367.6210
 Direct Line : P 250 / 367.2526 F 250/367.6210
 Email: gord.emery@atcowoodproducts.com



Applicant Submission

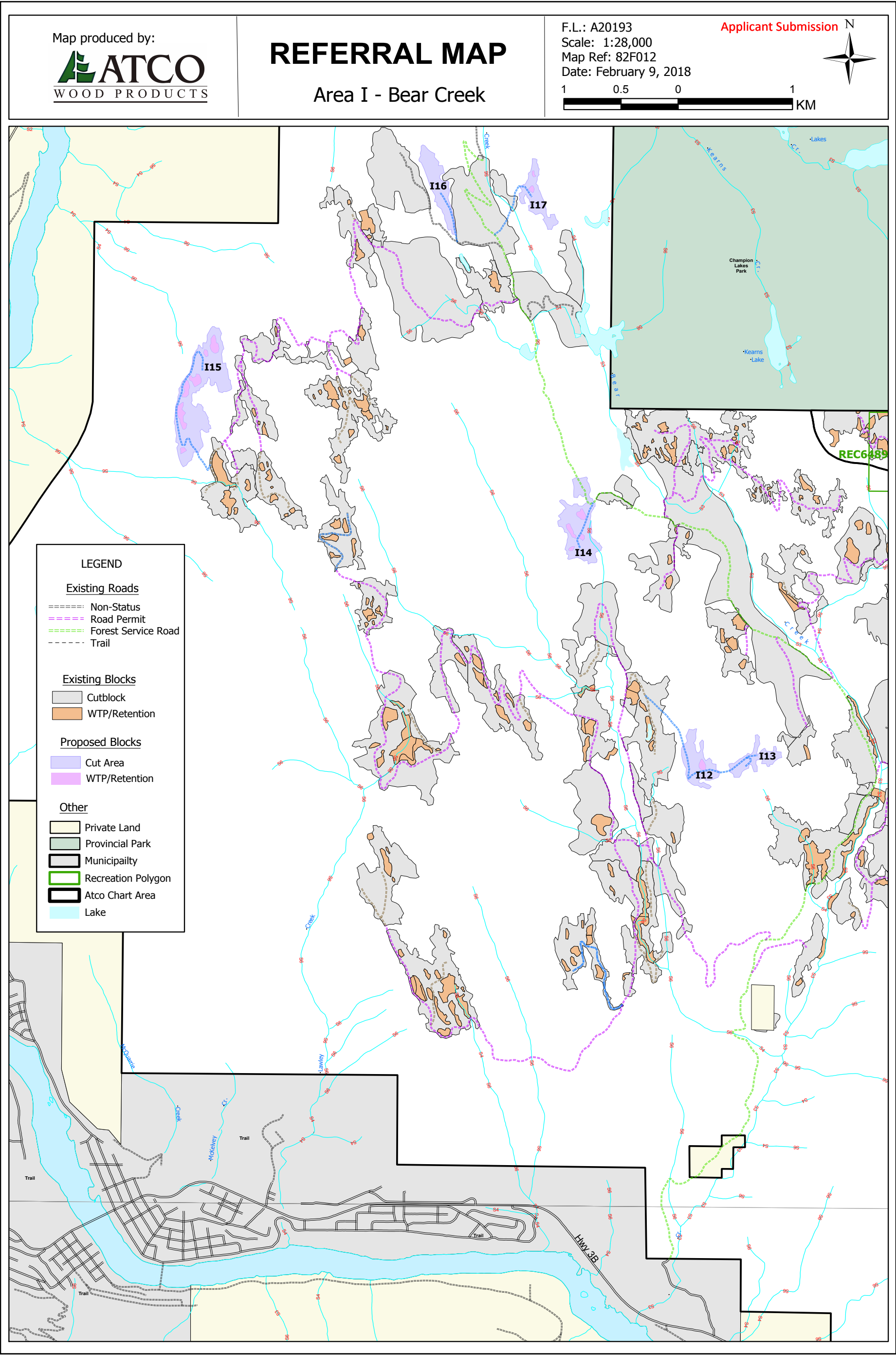
Block #	Size (ha)	Species Comp	Silviculture System	Harvest Method
I12	8.6	PIFdLw(Cw)	Clear-cut with Reserves	Conventional
I13	5.8	FdLwPI	Clear-cut with Reserves	Conventional
I14	14.6	CwFdLw(PI)	Clear-cut with Reserves	Conventional
I15	24.2	PILwFdCw	Clear-cut with Reserves	Conventional
I16	8.9	HwPICwFd	Clear-cut with Reserves	Conventional
I17	6.5	CwHw(FdLw)	Clear-cut with Reserves	Conventional

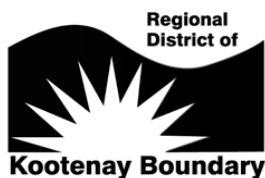
Additional details of this development can be viewed at the Atco Wood Products Forestry Office at 1846 1st Street, Fruitvale from 7 a.m. to 4 p.m. Monday to Friday. Please contact me by my direct line or email (see below) to set up a confirmed time or to make alternate arrangements. If I am unavailable, you can contact Alex Saumure at (250) 367-2523.

All comments should be received in writing by March 15, 2018.

Yours truly,

Gord Emery, TFT
Development Technician





STAFF REPORT

Date:	March 27, 2018	File #:	I-1-E
To:	Chair Russell, and the Board of Directors		
From:	Ken Gobeil, Planner		
RE:	Forestry Referral – Interfor – Tree Farm Licence 8, Supply Analysis		

ISSUE INTRODUCTION

The RDKB has received a referral from Interfor regarding the information and methods to analyze the timber supply of 'Tree Farm Licence 8' in Electoral Area 'E'/West Boundary (See, Timber Supply Analysis Information Package). The Regional District has been asked to provide feedback on the information and methods used in this report that will later become part of the management plans for forests in these areas.

HISTORY / BACKGROUND INFORMATION

Tree Farm Licence 8 encompasses 77,480 hectares, over 2 areas within the West Boundary. This includes an area north of Midway and Greenwood, as well as an area west and north of Beaverdell (see, Tree Farm Area Map). The forests are predominately mixtures of Douglas-fir, larch, lodgepole pine and ponderosa pine types at lower elevations. Lodgepole pine and spruce/balsam types are predominant in the higher elevations. The supply analyses is anticipated to model for a 300 year period for harvesting and reforestation.

This report describes the information available, assumptions, formulas, and methods used to prepare timber supply analysis that will become part of a management plan for forests in this Tree Farm Licence. This includes analyses of data of the area, inventories of trees, water systems, plant life and wildlife, as well as assumptions for damage, loss, harvestable trees, as well as un-harvestable areas.

As of the date this report was written the RDKB has not received a referral for any management plans regarding this tree farm licence area.

The Trails of the Boundary Society has also received a referral regarding this report. There has been no indication from the Trails of the Boundary Society of their review of the document.

Page 1 of 3

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AREA PLANNING COMMISSION (APC)

The Electoral Area 'E'/West Boundary APC reviewed the Timber Supply Analysis during their March 5, 2018 meeting. The APC had several concerns with this report and included them within the APC minutes. These concerns included, but are not limited to:

- Inconsistencies with forest area figures
- Wildlife range and habitat protection
- Pine Beetle
- Riparian areas, drainage, and waterways protection
- Highway rights of way, recreation sites and trail systems
- Tree retention
- The absence of discussion regarding climate change

The APC did not support the Timber Supply Analysis due to the concerns raised.

PLANNING AND DEVELOPMENT COMMENTS

A copy of the APC meeting minutes can be forwarded to Interfor for consideration.

RECOMMENDATION

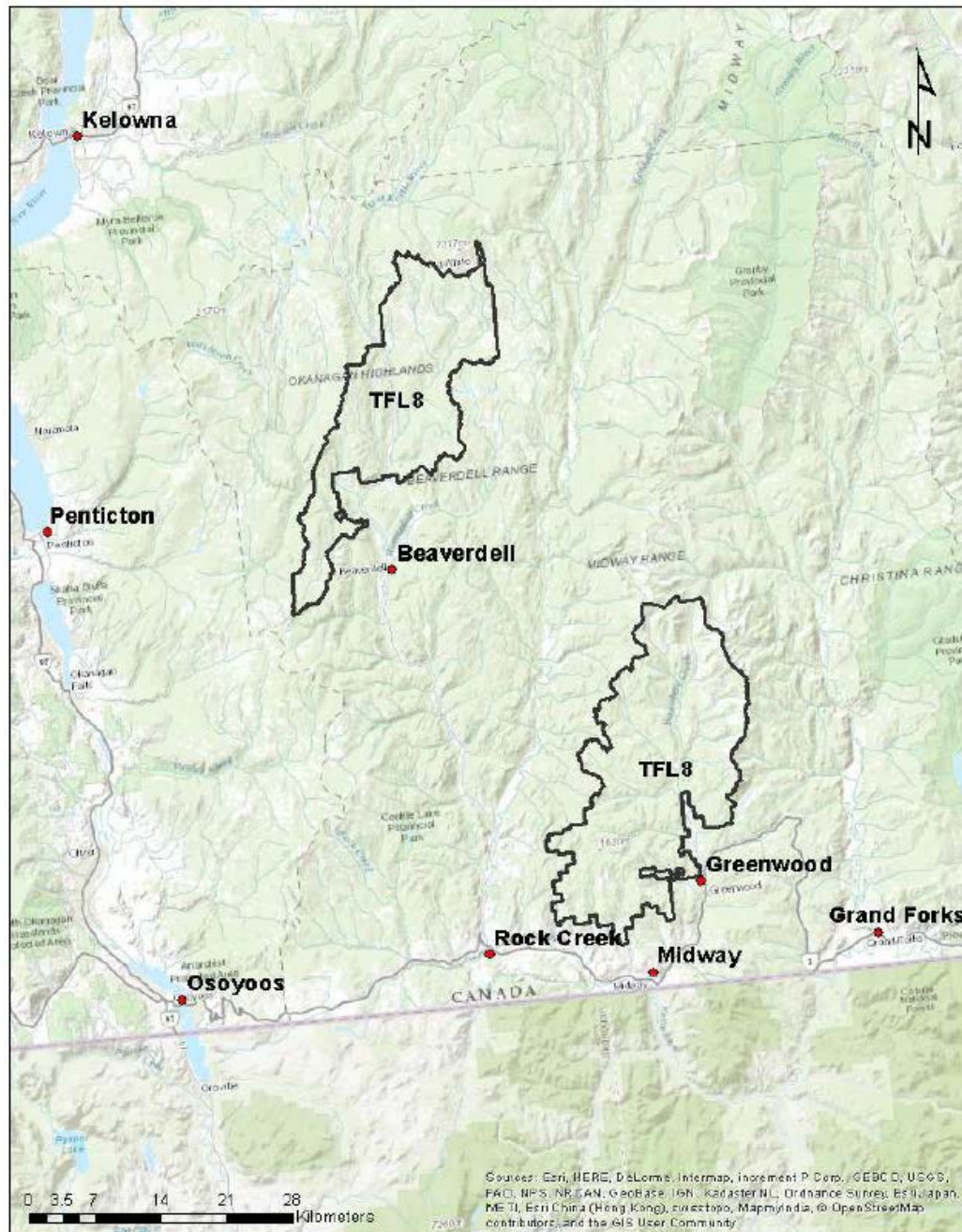
That the Regional District of Kootenay Boundary Board of Directors direct staff to forward this staff report 'Forestry Referral – Interfor – Tree Farm Licence 8, Supply Analysis', which includes concerns raised by the Electoral Area 'E'/West Boundary Advisory Planning Commission, and a copy of the March 5, 2018 Electoral Area 'E'/West Boundary Advisory Planning Commission meeting minutes to Interfor for consideration.

ATTACHMENTS

Tree Farm Area Map

Timber Supply Analysis Information Package

TREE FARM AREA MAP



Page 3 of 3

P:\PD\General Files\I-1-E-Interfor Electoral Area 'E'\2018-02_MP-11-TFL-8\Board\2018-03-07_Interfor_TFL8_Board.docx

Tree Farm Licence 8

Timber Supply Analysis Information Package in Preparation of Management Plan #11

Version 1.1

February 9, 2018

Project 1320-2

Prepared by:

*Forsite Consultants Ltd.
330 – 42nd Street SW
PO Box 2079
Salmon Arm, BC V1E 4R1
250.832.3366*



Prepared for:

*Interfor Corporation
Grand Forks Division
PO Box 39, 570 68th Avenue
Grand Forks, BC V0H 1H0*



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List of Acronyms

AAC	Allowable Annual Cut
BEC	Biogeoclimatic Ecosystem Classification
FLNRO	Ministry of Forests, Land, Natural Resource Operations and Rural Development
FPPR	Forest Planning and Practices Regulation
FSP	Forest Stewardship Plan
GAR	Government Actions Regulation
KBLUP	Kootenay Boundary Land Use Plan
MPB	Mountain Pine Beetle
LU	Landscape Units
MAI	Mean Annual Increment
NDT	Natural Disturbance Type
NRL	Non-Recoverable Losses
NTHLB	Non-Timber Harvesting Land Base
OAF	Operational Adjustment Factor
OGMA	Old Growth Management Area
PFLB	Productive Forest Landbase
SIC	Snow Interception Cover
THLB	Timber Harvesting Land Base
TSR	Timber Supply Review
VRI	Vegetation Resource Inventory
WHA	Wildlife Habitat Area

*Tree Farm Licence 8**February 9, 2018****Revision History***

Version	Date	Notes/Revisions
1.0	January 25, 2018	Initial Draft
1.1	February 9, 2018	Revisions to address initial review by FLNRO prior to public review

1 Introduction

This Information Package has been prepared by Forsite Consultants Ltd. on behalf of Interfor Corporation, Grand Forks Division. The Information Package (IP) describes the information and assumptions used to prepare the timber supply analysis that will become part of Management Plan #11 for Tree Farm Licence 8 (TFL 8).

The timber supply analysis will model timber harvest over a 300 year planning horizon. It will use forest inventory information that has been updated to reflect previous harvesting and reforestation activities, Interfor's current understanding of the land base where harvesting is likely to occur, and projected growth rates as the forest ages. The modelling will also consider non-timber objectives for the TFL, including wildlife, biodiversity, visual quality, and requirements of the Kootenay Boundary Higher Level Plan (KBLUP). The Base Case scenario will represent current management practices, legal requirements, and additional requirements from Interfor's environmental certification program that influence timber supply. Additional scenarios will examine sensitivity to factors where there is uncertainty, such as growth and yield estimates.

Once completed the timber supply analysis will provide information to assist the Chief Forester of BC in determining the Allowable Annual Cut (AAC) for TFL 8.

1.1 TFL 8 Location

TFL 8 consists of approximately 77,480 hectares of crown land and has two distinct units. The south block is located north of Greenwood in the Boundary Creek area, and the north block is located in the Trapping Creek and Carmi Creek drainages north of Beaverdell (Figure 1). The forests are predominately mixtures of Douglas-fir, larch, lodgepole pine and ponderosa pine types at lower and mid elevations, and lodgepole pine and spruce/balsam types at the higher elevations. Biogeoclimatic zones include the Montane Spruce, Interior Douglas-fir, Interior Cedar Hemlock, and Engelmann Spruce Subalpine Fir zones.

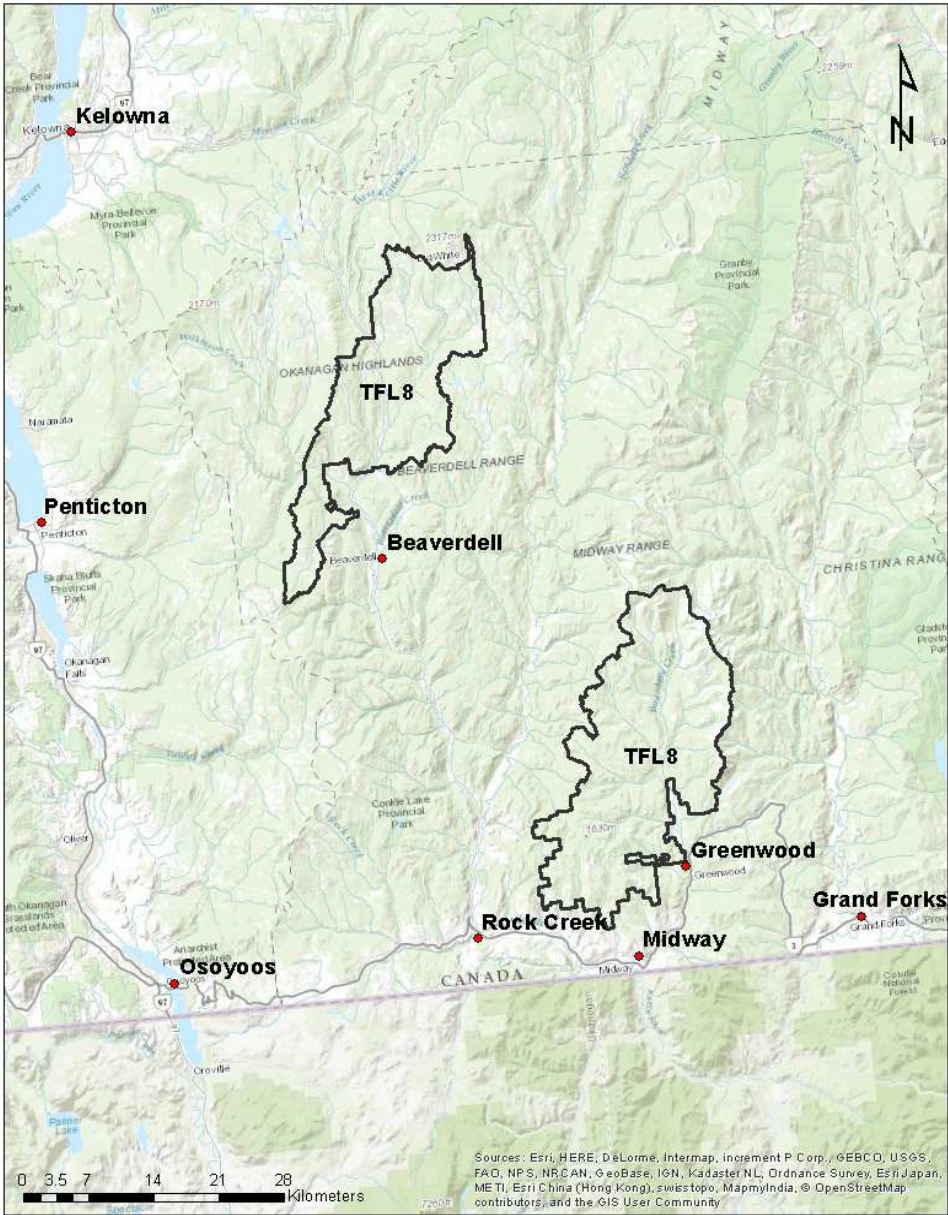


Figure 1 TFL 8 overview map

2 Process

This information package has been prepared to meet the requirements outlined in the draft “*Provincial Guide for the Submission of Timber Supply Analysis, Information Packages for Tree Farm Licences, Version 5, June 2013*” document. Current forest and non-forest inventories, legal requirements, and non-legal management direction were used to categorize the land base and outline proposed modelling parameters that will be used to complete a Base Case scenario and additional sensitivity analyses.

2.1 Missing Data

The following information was unavailable at the time this Information Package was prepared:

- Right-of-way for a recent hydro-line. The expected THLB reduction is approximately 22 hectares and will be included in Section 8.1.
- Managed stand site index (Section 10.1)
- Minimum harvest criteria (Section 12.3.1)
- Existing volume comparison (Section 10.6.1)
- Yield tables (Appendix 1)

3 Response to 2009 AAC Determination Implementation Requests

The Deputy Chief Forester requested that Interfor undertake a number of items in the April 1st, 2009 Rationale for Allowable Annual Cut (AAC) Determination. The responses to these requests are outlined below.

3.1 Mountain Pine Beetle Infestation

Request: Track and report harvesting performance in Mountain Pine Beetle (MPB) infested stands.

Response: MPB infestation has not been a serious issue on TFL 8. Provincial beetle overview surveys from 2007 to 2015 were summarized and compared with harvested and planned blocks to determine the degree to which infestation in the THLB has been addressed through harvesting. Areas where the age of the trees is less than 40 years were assumed to be too young for harvest. Therefore, for purposes of this analysis, infested areas in these young stands are also considered to be addressed. Table 1 provides an overview of this analysis, and it can be seen that over 92% of infestations since 2007 have been categorized as Light or Trace, with 10% or fewer of the trees killed.

Table 1 MPB infestation summary (2007-2015)

Severity Class	Description	Infested THLB Area (ha)	Area addressed (ha)*
Severe	30 to 49% of trees killed	13	1
Moderate	11 to 29% of trees killed	397	187
Light	1 to 10 % of trees killed	2,526	975
Trace	< 1 % of trees killed	2,503	867
Total		5,438	2,030

* Areas in logged or planned blocks, or where the age < 40 years

3.2 Dense Pine Stands

Request: Continue to track and record harvesting in dense pine stands that contribute to the timber harvesting land base and to make an informed assessment of which dense pine stands are economically operable in the short to long term.

Response: Interfor harvests in dense pine stands (stocking class 4) when market conditions allow, and has made significant progress in harvesting these stands and reforestation to current standards. Of the 606 hectares identified as stocking class 4 in the 2006 data package, 279 hectares have since been harvested. Table 2 summarizes the Grade 6 and Special Forest Products volumes delivered from TFL 8 since 2007. These volumes were primarily derived from dense pine stands.

Table 2 Summary of Grade 6 and Special Forest Products volume

Year	Grade 6 (m ³)	Special Forest Products (m ³)
2007	3,277	
2008	1,386	
2009	0	
2010	371	
2011	798	
2012	5,530	
2013	14,994	
2014	8,080	13,827
2015	1,658	18,823
2016	1,100	6,267
2017	2,207	6,466
Total	39,399	45,383

For the current analysis, non-merchantable types will be identified as stands with greater than 70% pine that are projected not to achieve 100 m³/ha by age 120 (see Section 8.11).

3.3 Managed Stands

Request: Assess the assumptions regarding managed stands in support of the next timber supply analysis. This would include: (i) regeneration practices including reliance on natural regeneration, regeneration delay and stem density at time of planting and free-growing; (ii) quantity and quality of planting stock with genetic worth; and (iii) appropriate OAF reductions given root diseases and other pests in the TFL that impact managed stands.

Response: Silviculture records for the past 10 years were analyzed to determine proportions of natural and planted stock in stocking and free growing surveys, planting densities, and genetic worth. This

information has been incorporated into the yield tables for managed stands established in the past 10 years. Interfor routinely uses stump removal as a means of addressing root disease. This practice supports the use of standard OAF reductions in the development of the yield tables.

3.4 Aggregation Procedures – Block Size

Request: Improve modelling approaches using stand aggregation to better represent actual harvest block sizes.

Response: The forest estate model used for this analysis will be configured to use cut block aggregation that reflects actual harvest block sizes. (See Section 12.3.2)

3.5 Adjacency and Green-up

Request: Model spatial adjacency for as long as possible (equal to or greater than 20 years) then use an aspatial approximation over the remainder of the planning horizon.

Response: The current analysis will implement adjacency using an aspatial approximation for the entire planning horizon (See Section 12.2.8), combined with the cut block size aggregation described above.

3.6 Landscape-level Biodiversity

Request: Model attainment of the full older seral stage target for low biodiversity landscape units by the end of the third rotation or apply OGMA's if established at that time

Response: Old Growth Management Areas have been identified within TFL 8 and will be removed from the THLB (see Sections 8.16 and 12.2.1) for the base case. A sensitivity analyses will evaluate the implementation of meeting full seral objectives by the end of the third rotation instead of removing Old Growth Management Areas from the THLB.

3.7 Unsalvaged Losses

Request: Provide an up-to-date estimate of unsalvaged losses given any increases in the MPB, and an estimate regarding how small scale salvage is addressing unsalvaged losses and dead potential volumes.

Response: As indicated in Section 3.1, there has been very little mountain pine beetle on TFL 8 that has not been addressed. The allowance for unsalvaged losses has been increased from 984 m³/year to 4,275 m³/year to account for the volume harvested under the Small Scale Salvage program that is not charged to the TFL 8 Allowable Annual Cut.

4 Timber Supply Forecast / Options / Sensitivity Analyses

4.1 Base Case

The base case is considered to be representative of current management practice on TFL 8. Changes from TSR 3 completed in 2007 include:

- Incorporating Williamson's Sapsucker Wildlife Habitat Areas
- Incorporating Williamson's Sapsucker Best Management Practices
- Incorporating OGMA's for old seral requirements
- Revised silviculture regimes for managed stands
- Increased allowance for non-recoverable losses
- Use of a fully spatial model for the entire planning horizon

4.2 Sensitivity Analyses

Sensitivity analyses provide a measure of the reasonable upper and lower bounds of the harvest forecast, reflecting the uncertainty of assumptions made in the base case. The magnitude of the increase and decrease in the sensitivity variable reflects the degree of uncertainty surrounding the assumption associated with that given variable. By developing and testing a number of sensitivity analyses, it is possible to determine which variables most influence results. To allow meaningful comparison of sensitivity analyses, they are usually performed using the base case and varying only the assumption being tested. An overview of the sensitivity analyses that will be carried out are provided in Table 3, with further details found in Section 13.

Table 3 Sensitivity analyses

Category	Sensitivity
Land Base Definition	THLB Area +/- 10%
Growth and Yield	Natural Stand Yields +/- 10% Managed Stand Yields +/- 10% Managed Stand Site Index Source (Site Index Adjustment vs Provincial Productivity Layer) Minimum Harvest Ages +/- 10 years
Integrated Resource Management	Include Disturbance in the non-THLB Apply Old Seral Targets (BEC Version 4) instead of Old Growth Management Areas Use BEC Version 10 for Old Seral Targets instead Old Growth Management Areas
Timber Harvesting	Turn off Cutblock Aggregation

4.3 Alternative Harvest Flows

Forest cover constraints and the growth capacity of the THLB will determine the harvest flow options that will be considered. In general, the choice of harvest flow for the base case will strive to balance current and future harvest rates using the following objectives:

- Avoid any large or abrupt disruptions in timber supply during transitions from short to mid to long-term periods (generally increases and decreases in steps of 10% per 10 year period)
- Achieve a stable long-term harvest level over a 300 year planning horizon.
- Ensure that the growing stock on the THLB does not decline during the last 50 years of the planning horizon.

Options for alternative harvest flows will become more evident after the initial timber supply model is built and the timber supply dynamics for the TFL 8 land base become evident. Examples of potential options include maintaining the current allowable annual cut for as long as possible or minimizing the length of a mid-term harvest reduction if one exists. Interfor will explore and include alternative harvest flow options in the analysis report, and present the recommended option as the base case.

4.4 Other Options

There are no additional scenarios beyond the base case and sensitivity analyses identified at this time.

5 Model

The PATCHWORKS™ modeling software will be used for forecasting and analysis. This suite of tools is sold and maintained by Spatial Planning Systems Inc. of Deep River, Ontario (www.spatial.ca).

PATCHWORKS is a fully spatial forest estate model that can incorporate real world operational considerations into a strategic planning framework. It utilizes a practical goal seeking approach to simulate forest growth and schedule activities such as harvesting and silviculture across the land base to find a solution that best balances the targets/goals defined by the user. Realistic spatial harvest allocations can be optimized over long-term planning horizons because PATCHWORKS integrates operational-scale decision making within a strategic analysis environment.

The PATCHWORKS model continually generates alternative solutions until the user decides a stable solution has been found. Solutions with attributes that fall outside of specified ranges (targets) are penalized and the goal seeking algorithm works to minimize these penalties, resulting in a solution that reflects the user objectives and priorities.

Targets can be applied to any aspect of the problem formulation. For example, the solution can be influenced by issues such as desired mature/old forest retention levels, young seral disturbance levels, patch size distributions, conifer harvest volume, growing stock levels, and visual quality objectives. For this analysis, PATCHWORKS will be configured to consider the range of non-timber values that exist on TFL 8 while evaluating possible harvest flows.

6 Data Sources

Table 4 lists the spatial data and sources used for this analysis. In general, data was either downloaded directly from the Land and Resource Data Warehouse maintained by the provincial government, sourced from datasets maintained in Interfor's Forest Management System, or downloaded from other government websites. Two files relating to the previous timber supply analysis were obtained from Ecora Resource Group.

Table 4 Spatial data sources

Description	Source	Source File Name	Date
TFL Boundary	LRDW	WHSE_ADMIN_BOUNDARIES_FADM_TFL_polygon	2016
BEC v4	LRDW	qbecv4_bc	2001
BEC v6	LRDW	abecv6_bc	2006
BEC v10	LRDW	WHSE_FOREST_VEGETATION_BEC_BIOGEOCLIMATIC_POLY_polygon	2016
Fresh Water Atlas Lakes	Interfor	FreshwaterAtlasLakes	2017
Streams (operational dataset)	Interfor	Interfor_Streams	2017
Streams (TSR dataset)	Ecora	tfl_str	
Private Land	Interfor	WHSE_CADASTRE_PMBC_PARCEL_FABRIC_POLY_SVW	2017
Classified Operational Roads	Interfor	Interfor_Roads_21DEC2017	2017
Non-operational Roads	Interfor	NonOperational_Roads_Clip	2017
OGMAs	Interfor	Interfor_OGMA	2017
Forest cover inventory	Interfor	tfl08_vegcomp_poly_lyr_r1_updated	2017
Harvested blocks	Interfor	Interfor_Blocks_Harvested	2017
Reserves	Interfor	INTERFOR_STRATA_RESERVES_TFL8_ALL	2017
Fire Maintained Ecosystems	Interfor	FireMaintainedEcosystems	2006
Terrestrial Ecosystem Mapping/SIA	Ecora	sia_res	2006
Provincial site productivity layer	FLNRO	sprod_02	2017
Landscape Units	Interfor	LandscapeUnit	2017
Connectivity Corridors	Interfor	RegionalConnectivity	
Williamson's Sapsucker Habitat Suitability	ftp.geobc.ca	Wisa_bdy_fc_suitability_30mar2009	2009
Williamson's Sapsucker Observations	ftp.geobc.ca	Wisa_obs_199_2016b	2016
Wildlife Habitat Areas	LRDW	WHSE_WILDLIFE_MANAGEMENT_WCP_WILDLIFE_HABITAT_AREA_P OLY_polygon	2017
Recreation Polygon Features	Interfor	WHSE_FOREST_TENURE_FTEN_RECREATION_POLY_SVW_polygon	2017
Recreation Linear Features	Interfor	FTEN_REC_LN_line	2017
Visual Landscape Inventory	Interfor	REC_VISUAL_LANDSCAPE_INVENTORY	2017
Environmentally Sensitive Areas (ESAs)	Interfor	TFL_esa1	2006
Terrain Mapping "C"	Interfor	TerrainC	2003
Terrain Mapping "D"	Interfor	TerrainD	2003
LiDAR slope	Interfor	Slope	2017
LiDAR aspect	Interfor	Aspect	2017
Elevation < 1000 metres (from TRIM)	Forsite	Elev_1000m.	2017
Trans Canada Trail	Interfor	TransCanadaTrail	2017
Mule Deer (U-8-008)	MOE	tuwra_u-8-008	2006
Moose (U-8-007)	MOE	tuwra_u-8-007	2006

7 Current Forest Cover Inventory

The base forest cover inventory for TFL 8 was completed to Forest Cover (FC1) inventory standards in 1994 from colour 1:15,840 scale aerial photographs flown in 1992. This inventory has been maintained and updated annually by Interfor for changes resulting from logging, fires, regeneration status and other disturbances. In 2017, Interfor provided this inventory to FLNRO for conversion to the provincial digital standard so that subsequent updates can be completed by the province using the annual RESULTS data for harvesting and silviculture submitted by Interfor. The inventory was projected to January 1st, 2016 during the conversion.

Following the data conversion, Interfor reviewed the new inventory and identified 67 openings with spatial errors. These errors were corrected by Interfor and a procedure was established with FLNRO to ensure that subsequent updates would not result in similar errors.

As a result of changes made to the mapped location of the TFL 8 boundary to match TRIM mapping, there are areas within the revised boundary that were not covered by the original forest inventory. This was discussed with Forest Analysis Branch and it was agreed that Interfor would use information such as recent imagery and adjacent polygon attributes to “fill-in” missing areas (approximately 530 hectares) for use in this timber supply analysis.

7.1 Updates for Harvesting and Planned Blocks

The date chosen for the start of the harvest forecasts is January 1, 2018. All harvested blocks and blocks planned for harvest prior to December 31st, 2017 were used to update the inventory for depletions not already included in the inventory. A regeneration delay of 2 years was assumed when assigning ages to the updated inventory for these depletions.

The ages for all other polygons in the inventory were incremented by 2 years to adjust them from the January 1st, 2016 projection date in the initial inventory to January 1st, 2018.

7.2 Updates for Stands Coded as Not Satisfactorily Restocked

The inventory has a number of stands (approximately 671 hectares) coded as Not Satisfactorily Restocked (NSR). This is an artifact from the original inventory and represents stands that were identified to be current NSR at the time the inventory was completed. In the 2009 AAC determination, the Deputy Chief Forester discussed these and indicated that they should be assumed to be fully stocked within the first five years of the planning horizon. A review of recent imagery for a subset of these stands confirmed that they stands are currently forested.

For the current analysis, any of these stands without an assigned age in the inventory were assumed to be fully stocked within 5 years of the reference year, and the age was updated accordingly.

7.3 Updates for Fires

Historical provincial forest fire data was reviewed to check for recent fires that occurred within TFL 8. It was found that there was minimal forested area (approximately 50 hectares) burned since 2008. Of this, the majority of burned area overlaps with blocks harvested at roughly the same time as the fire. As there was only 14 hectares (3 hectares of Timber Harvesting Land Base) burned that was outside harvested blocks, it was decided not to make any age adjustments to account for fires.

8 Description of the Land Base

This section describes the land base data and assumptions used to define the productive forest land base (PFLB) and timber harvesting land base (THLB) in TFL 8. The THLB is designated to support timber harvesting while the PFLB is identified as the broader productive forest that can contribute toward meeting non-timber objectives (e.g. biodiversity).

8.1 Timber Harvesting Land Base

Table 5 provides a summary of the area reductions made to the total area of TFL 8 to determine the Timber Harvesting Land Base. Reductions are applied in the order presented in the table using a step wise process to ensure that area is only removed once. In the table, gross area refers to the total area covered by the item, and net area refers to the incremental reduction after considering areas that were removed in previous lines in the table. Detailed descriptions of these reductions are provided in subsequent sections of this Information Package.

TFL 8 covers a total area of approximately 77,656 hectares. Of this total area, approximately 92.7 % is considered to be PFLB and 77.7 % is considered to be the current THLB.

In comparison with the previous Information Package completed in 2006, the PFLB is 388 hectares smaller. This is largely due to an increase in the amount of private land reflecting improved ownership information, and an increase in the amount of road resulting from additional harvesting operations. However, the future THLB is almost 7,800 hectares less than in the previous Information Package. This is mainly due to reductions for Old Growth Management Areas and Wildlife Tree Retention which were modelled in the previous analysis but not treated as an explicit THLB reduction. There are also additional reductions for Wildlife Habitat Areas and live tree retention for Williamson's Sapsucker habitat.

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Table 5 TFL 8 land base area summary

	Gross Area (ha)	Productive Area (ha)	Net Area (ha)	Percent of Total Area (%)	Percent of PFLB (%)
Total Land Base (incl. fresh water)	77,656		77,656	100.0%	
less:					
Private Land	468		468	0.6%	
Total TFL (incl. fresh water)			77,188	99.4%	
less:					
Non-Forest	3,025		2,791	3.6%	
Non-Productive Forest	1,118		1,116	1.4%	
Existing Roads	1,347		1,276	1.6%	
Productive Forest Land Base			72,005	92.7%	100.0%
less:					
Non-commercial cover	212	208	208	0.3%	0.3%
Environmentally Sensitive Areas	1,630	1,484	1,484	1.9%	2.1%
Unstable Terrain	474	362	325	0.4%	0.5%
Low Site	1,030	758	387	0.5%	0.5%
Deciduous	232	227	226	0.3%	0.3%
Non-merchantable	472	397	335	0.4%	0.5%
Riparian Areas	2,325	2,052	1,921	2.5%	2.7%
Wildlife Habitat Areas	530	483	473	0.6%	0.7%
Recreation Sites/Reserves	209	118	89	0.1%	0.1%
Trans Canada Trail	48	11	7	0.0%	0.0%
Old Growth Management Areas	6,564	6,163	5,090	6.5%	7.1%
Existing Wildlife Tree Patches	917	870	678	0.9%	0.9%
Wildlife Tree Retention (Aspatial, Estimated)			*480	0.6%	0.7%
Timber Harvesting Land Base (current)			60,301	77.7%	83.7%
less:					
Future Wildlife Tree Retention (Aspatial)			*2,037	2.6%	2.8%
Williamson's Sapsucker Retention (Aspatial)			*318	0.4%	0.4%
Future Roads (Aspatial)			**606	0.8%	0.8%
Timber Harvesting Land Base (future)			57,340	73.8%	79.6%

* Aspatial netdowns are applied in the model but are not reflected in the GIS dataset areas.

** To be applied with a yield table reduction

8.1.1 Age Class Distribution

The age class distribution for TFL 8 is summarized in Table 6 and illustrated in Figure 2. Over half of the THLB (51%) is less than 50 years of age, reflecting the harvest history on the TFL. In contrast, almost half (47%) of the non-THLB is 200 years or older.

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Table 6 Age class distribution

Age Class (years)	THLB Area (ha)	Productive Non- THLB Area (ha)	Total Productive Area (ha)
< 10	7,174	313	7,487
10- 19	5,244	117	5,362
20- 29	8,646	298	8,944
30- 39	6,857	355	7,212
40- 49	3,309	192	3,501
50- 59	841	227	1,068
60- 69	753	134	887
70- 79	920	59	979
80- 89	4,743	666	5,409
90 - 99	3,020	325	3,345
100-109	2,062	212	2,274
110-119	1,458	204	1,661
120-129	1,735	245	1,980
130-139	1,944	441	2,385
140-149	1,116	263	1,379
150-159	714	301	1,014
160-169	864	380	1,244
170-179	891	634	1,525
180-189	658	282	940
190-199	945	292	1,237
200-209	998	639	1,637
210-219	811	418	1,229
220-229	1,840	1,578	3,419
230-239	629	235	864
240-249	870	554	1,424
>= 250	1,740	1,861	3,600
Total	60,781	11,224	72,005

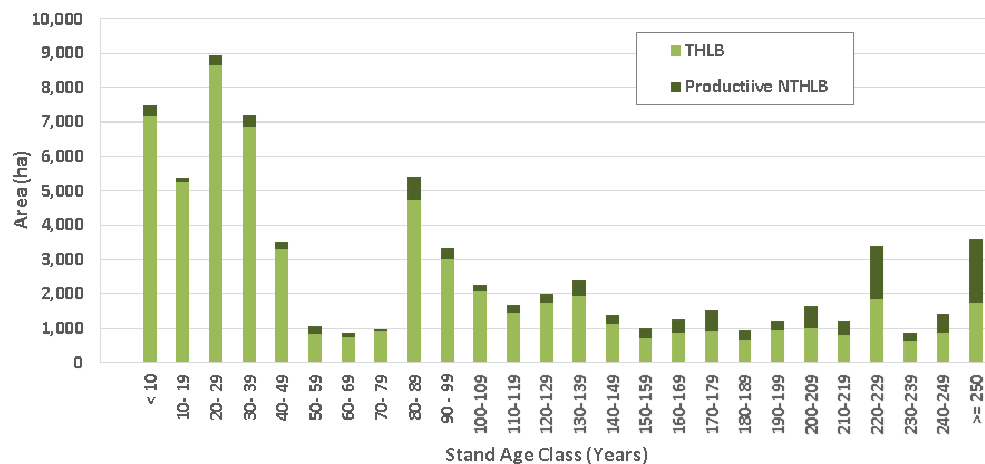


Figure 2 Age class distribution

8.1.2 Species Composition

The individual species composition for the THLB and non-THLB are shown in Figure 3. The predominant species on the THLB is lodgepole pine (42.3%), with most of the remainder comprised of Douglas-fir, larch, spruce, and balsam. Minor proportions of cedar, ponderosa pine, and deciduous are also present. In comparison, the non-THLB is heavier to Douglas-fir.

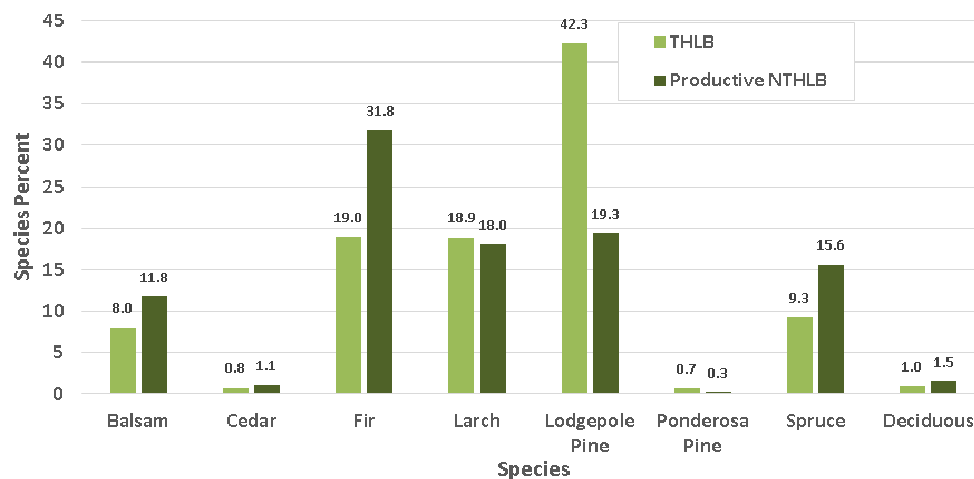


Figure 3 Overall species composition derived from individual stand composition percentages

8.1.3 Biogeoclimatic Classification

The distribution of the biogeoclimatic classifications (Version 10) for both the THLB and Non-THLB are shown in Figure 4. Almost half (49.6%) of TFL 8 is classified as MS dm1, followed by the IDF dm1 (19.2%), ICH mk1 (12.1%), ESSF dc1 (9.9%), ESSFmh (5.3%), ESSF dc2 (3.1%), and ESSF dcw (0.8%).

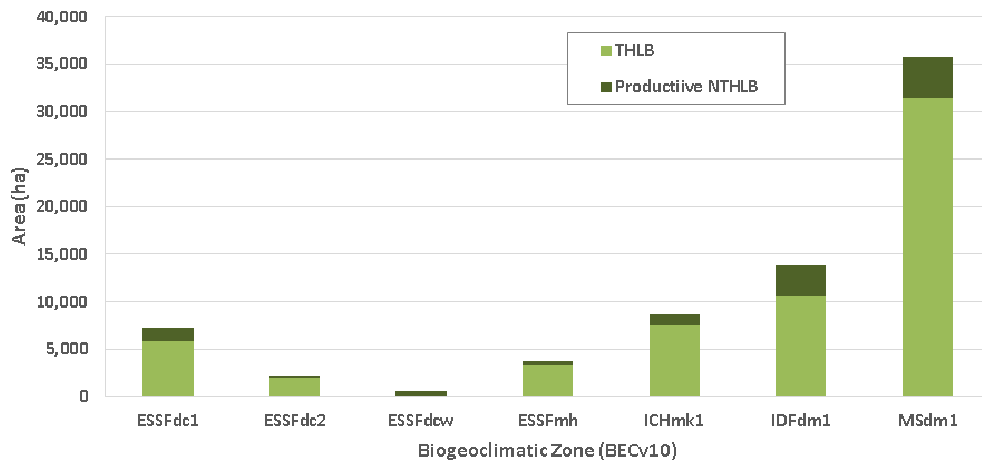


Figure 4 BEC zone distribution

8.2 Total Area

The gross area within the mapped TFL 8 boundary is 77,656 hectares. There are 468 hectares of private land within this boundary that are not owned by Interfor and are not managed as part of the TFL (i.e. not Schedule A land). This results in a total TFL area of 77,188 hectares, all of which is Crown (Schedule B) land managed by Interfor.

8.3 Non-Forest and Non-Productive Forest

Non-Forest and Non-Productive forest was identified using the "Non_Productive_Cd" attribute contained in the VRI. Table 7 summarizes the areas removed from the land base for these categories.

Table 7 Non-forest and Non-Productive forest area summary

	Description	Non_Productive_Cd	Gross Area (ha)	Removed Area (ha)
Non-Forest	Alpine	2	27.3	27.3
	Clearing	42	4.6	4.6
	Gravel Bar	18	1.4	1.4
	Gravel Pit	6	6.4	6.4
	Lake	15	130.5	123.0
	Meadow	62	0.2	0.2
	Non-productive brush	11	101.3	101.3
	Open Range	63	1,363.4	1,344.3
	No Typing Available		243.1	91.9
	Rock	3	449.5	443.6
	River	25	46.7	41.2
	Swamp/wetland	35	288.6	288.6
	Urban	54	361.9	317.4
Non-Forest Total			3,024.7	2,791.2
Non-Productive Forest	Alpine Forest	10	520.8	520.8
	Non-productive	12	597.2	595.5
Non-Productive Forest Total			1,118.1	1,116.3
Total			4,142.8	3,907.5

8.4 Roads, Trails, and Landings

8.4.1 Existing Roads, Trails and Landings

Permanent roads, trails and landings are not suitable for growing trees. Interfor maintains spatial data that identifies the location and classification of existing roads within TFL 8. Although wider roads are often delineated as polygons in the forest inventory, many roads are too narrow to be typed as non-forest. Therefore, buffers representing the right-of-way width of the roads are created and used to approximate the appropriate reduction to the forested land base.

In order to determine appropriate buffer widths to use for each road class, a Geographic Information System (GIS) was used by Interfor to display roads against a background of ortho-photo imagery and LiDAR hill shade and canopy height models. Sample roads were selected and average widths visually measured using the measuring tools within the GIS. Using this approach, highways ranged between 12 to 30 metres wide, Forest Service Roads between 7 to 15 metres wide, and Forest Roads between 5 to 13 metres wide. Average values for each road class were calculated based on the roads that were sampled.

Table 8 summarizes the length, buffer widths, and area reductions for existing roads.

Table 8 Existing road summary

Road Type	Length (km)	R/W Width (m)	Gross Area (ha)	Removed Area (ha)
Highway	20.0	30	59.9	9.7
Forest Service Road (FSR)	220.1	12	264.0	252.1
Forest Road	1,141.5	9	1,023.3	1,013.9
Total	1,381.6		1,347.2	1,275.7

8.4.2 Future Roads, Trails and Landings

The permanent road network on TFL 8 is very well developed, with most of the TFL in close proximity to an existing road. Existing roads have been removed from the THLB, and it can be assumed that all managed stands (i.e. stands less than 43 years old) will need no further reduction made for future roads. These stands can be used as the basis for determining the approximate area required to account for future roads, as follows:

The THLB area less than 43 years of age is 29,095 hectares. There are another 868 hectares within the permanent road buffers that do not overlap with another land base reduction and that have an indicated age less than 43 years. Therefore, the proportion of THLB removed for permanent roads in stands less than 43 years of age is 2.9%, calculated as:

$$\text{Permanent road proportion} = 868\text{ha} / (29,095\text{ha} + 868\text{ha}) = 2.9\%.$$

The remaining THLB area greater than or equal to 43 years of age is 31,686 hectares. However, there are already some existing access roads (i.e. roads between existing cut blocks) within this area. This area within permanent road buffers that does not overlap with another land base reduction and that has an indicated age greater than or equal to 43 years is 323 hectares. Therefore, the additional area required for future roads is 606 hectares calculated as:

$$\text{Total future roads} = 2.9\% * (31,686\text{ha} + 322\text{ha}), \text{ less } 322\text{ha} = 606\text{ha}$$

This reduction will be applied as a yield table adjustment of 1.9% for future managed stands, calculated as:

$$\text{Reduction factor} = 606\text{ha} / 31,686\text{ha} = 1.9\%$$

8.5 Non-Commercial Cover

Non-commercial forest types were identified using the "NON_FOREST_DESCRIPTOR" attribute in the VRI. All "NCBR" (non-commercial brush) stands were removed from the THLB.

8.6 Inoperable

Inoperable areas are those portions of the land base where harvesting is not feasible due to terrain or characteristics or lack of access. Interfor considers all of TFL 8 to be operable and accessible, so no reductions will be made.

8.7 Environmentally Sensitive Areas

Environmentally Sensitive Areas (ESAs) were identified within TFL 8 in 1993. These ESAs include P (potential regeneration problems), S (unstable soils), and SP (both unstable soils and regeneration). Harvesting in these areas could increase the risk of landslide (see Section 8.8) or make it difficult to achieve reforestation requirements.

Areas with high environmental sensitivity (ESA1) were fully excluded from the THLB, unless there was evidence of previous logging. Areas of moderate environmental sensitivity (ESA2) were not removed from the land base because terrain stability surveys (Section 8.8) are considered to be a more accurate representation of the areas of moderate environmental sensitivity with the TFL. Also, many previously harvested blocks intersect areas identified as ESA2 indicating that these areas are generally available for timber harvesting. Table 9 provides a summary of the reductions made for ESA1.

Table 9 Environmentally sensitive areas summary

ESA Code	Description	Gross Area (ha)	Productive Area (ha)	Removed Area (ha)
P	Potential regeneration problems	37.5	16.8	16.8
S	Unstable Soils	622.5	584.2	584.2
SP	Unstable soils and potential regeneration problems	969.5	883.3	883.3
Total		1,629.5	1,484.2	1,484.2

8.8 Unstable Terrain

Section 37 of the Forest Planning and Practices Regulation requires that a primary forest activity does not cause a landslide that has a material adverse effect. One of the tools that forest companies use to address this requirement is terrain stability mapping that identifies areas where there is potential for landslides.

Terrain stability mapping has been completed for the entire TFL 8 land base. This includes Level D (reconnaissance) mapping completed in 2003 and Level C (detailed) mapping completed in 2003. Areas with a reconnaissance mapping classification of Unstable (U) and detailed mapping classification of V (High likelihood of landslide initiation following timber harvesting) were fully deleted from the THLB unless there was evidence of previous harvesting. These areas, summarized in Table 10 are in addition to the ESA1 reductions made for unstable soil types.

Areas with a reconnaissance mapping classification of Potentially Unstable (P) and detailed mapping classification of IV (Moderate likelihood of landslide initiation following timber harvesting) were not excluded from the THLB because harvesting often occurs within these polygons. Detailed terrain assessments completed during cutblock layout identify the specific areas that have terrain stability concerns. These areas are typically addressed through in-block retention or alternative harvesting approaches.

Table 10 Terrain stability area summary

Terrain Class	Description	Gross Area (ha)	Productive Area (ha)	Removed Area (ha)
U (from Level D)	Unstable	241.0	133.1	99.9
V (from Level C)	High likelihood of landside initiation following harvesting)	234.2	229.4	225.5
Total		474.2	362.5	325.4

8.9 Low Site

Site index in the VRI was used to identify low productivity stands, as outlined in Table 11. These site index values are consistent with historical limits of low site in the Boundary Timber Supply Area (TSA), and approximate the upper site index limit of the "Low" site class used in older inventories. These stands are not expected to achieve sufficient volume or piece size to be economically viable for harvest, and were removed from the THLB unless there was previous logging history.

Table 11 Low site reductions

Leading Species Code	Description	VRI Site Index	Gross Area (ha)	Productive Area (ha)	Removed Area (ha)
PL, PLI, PA, PY, LW	Pine or larch leading	<7.5	49.8	40.5	26.1
SE, SX, S, B, BA, BL	Spruce or balsam leading	< 8.0	972.2	709.9	353.0
FD, FDI	Douglas-fir leading	< 8.5	7.6	7.6	7.6
Total			1,029.7	758.0	386.8

8.10 Deciduous

All deciduous leading stands (i.e. aspen, cottonwood, and birch) were deleted from the THLB unless there was previous logging history. There are 231.9 hectares of deciduous stands in TFL 8, of which 227.3 hectares are productive forest land. There were 225.8 hectares removed from the THLB after accounting for stands previously removed from the land base for other reasons.

8.11 Non-merchantable

Non-merchantable forest types, also known as problem forest types, have characteristics that make them unlikely to be economically viable for harvest. A review of the non-merchantable definitions used in the 2006 Information Package indicated that they did not accurately reflect stands that weren't being harvested on TFL 8. For example, many pine stands previously identified as stocking class 4 have been harvested.

Therefore, for this analysis, non-merchantable stands were defined using the same criteria used for the 2011 Boundary Timber Supply Review Data Package. Natural stands containing greater than 70% pine that will not achieve 100 m³/hectare by age 120 were removed from the THLB unless there was previous logging history. The gross area of stands meeting this criteria is 472.1 hectares, of which 396.7 hectares is productive forest land base. After accounting for stands previously removed from the land base for other reasons, the net area removed from the THLB was 335.3 hectares.

8.12 Riparian Management Areas

Riparian management areas are designed to minimize the impacts of harvesting in areas immediately adjacent to water bodies, including streams, lakes, and wetlands. The Forest Planning and Practices Regulation (Sections 50, 51, and 52) specify the management restrictions for riparian areas.

A riparian management area consists of a riparian management zone in which harvesting activity is restricted through basal area retention requirements, and, depending on the water body classification may also include a riparian reserve zone immediately adjacent to the water body. Harvesting is fully excluded within the reserve zone.

An equivalent riparian management area width was calculated for each riparian class by considering the widths of the riparian reserve zone and riparian management zone, along with the percentage basal area retention within the management zone. Buffers were then generated around the riparian features and removed from the THLB.

Current operational practice on TFL 8 results in a range of basal area retention levels in riparian management zones, from 0 to 60%, with a resulting average retention level of 25%. The average retention level was applied to all riparian management zones regardless of riparian classification.

Table 12 summarizes the buffer widths and area reductions for riparian features. Further details about the source riparian data and classification details is provided in Section 8.12.1 and Section 8.12.2.

Table 12 Riparian management area summary

Feature	Class	Feature Area or Length	RRZ* Width (m)	RMZ* Width (m)	RMZ Basal Area Retention (%)	Buffer Width for Modelling (m)	Gross Area (ha)	Productive Area (ha)	Removed Area (ha)
Lake	L1-B	99.1 ha	10	0	25	10	115.6	10.7	10.7
	L3	22.1 ha	0	30	25	7.5	26.8	3.2	3.2
Wetlands	W1	91.7 ha	10	40	25	20	51.3	44.6	44.5
	W3	104.2 ha	0	30	25	7.5	34.5	32.1	31.6
	W5	37.7 ha	10	40	25	20	27.5	26.5	25.9
Streams	S1-B	16.1 km	50	20	25	55	94.0	76.4	76.0
	S2	74.1 km	30	20	25	35	467.3	433.0	406.1
	S3	162.7 km	20	20	25	25	783.8	737.1	667.7
	S4	241.0 km	0	30	25	7.5	343.4	323.4	304.6
	S5	27.6 km	0	30	25	7.5	40.6	38.6	38.0
	S6	346.0 km	0	20	25	5	340.6	326.4	312.5
Total							2,325.4	2,051.9	1,920.7

* RRZ = Riparian Reserve Zone, RMZ = Riparian Management Zone

8.12.1 Lakes and Wetlands

Lakes and wetlands were extracted from the forest cover layer by selecting polygons classified as lakes or swamps (i.e. non-productive code equal to 15 for lakes and non-productive code equal to 35 for swamps). These polygons were compared with lakes from the provincial Fresh Water Atlas to ensure that all lakes were captured. Lakes or wetlands greater than or equal to one hectare in size were classified using the definitions provided in the Forest Planning and Practices Regulation. Table 13 summarizes the criteria used for classification of lakes and wetlands

Table 13 Classification criteria for lakes and wetlands

Feature	Class	Criteria
Lake	L1-B	> 5 ha and < 1000 ha
	L3	>= 1 ha and <= 5 ha
Wetlands	W1	> 5 ha
	W3	>=1 ha and <= 5 ha
	W5	Two or more wetlands with overlapping riparian management zones and combined area >= 5 ha

8.12.2 Streams

Streams are classified using the definitions provided in the Forest Planning and Practices Regulation, based on their width in combination with the presence or absence of fish. Table 14 summarizes these criteria.

In 2000, a stream layer for timber supply review purposes was developed by Interfor and Forsite that retained all known stream classifications, and inferred a classification for all other streams using relevant data sources and the expertise of a fisheries specialist. Interfor also maintains a stream layer for operational purposes that has updated stream classifications and locations based on additional field work or studies. For purposes of this timber supply analysis, the operational stream layer was supplemented with information from the 2000 project to assign stream classes to all streams in the operational layer.

Table 14 Classification criteria for streams

Class	Fish Present	Width
S1-B	Yes	> 20 m and < 100 m
S2	Yes	>= 5 m and <= 20 m
S3	Yes	>= 1.5 m and < 5 m
S4	Yes	< 1.5 m
S5	No	> 3 m
S6	No	<= 3 m

8.13 Wildlife Habitat Areas

Sections 9 and 10 of the Government Action Regulation permit the government to establish General Wildlife Measures and Wildlife Habitat Areas (WHA). Section 69 of the Forest Planning and Practices Regulation specifies that primary forest activities on an area must comply with each General Wildlife Measure that applies to the area.

WHAs within TFL 8 were identified and excluded from the THLB where harvesting would not be possible. This included a very small portion of a WHA for Lewis's Woodpecker, and fifteen WHAs for Williamson's Sapsucker.

Although there is a WHA for Grizzly Bear within TFL 8, it is expected that the requirements can be met operationally without requiring a reduction to the timber harvesting land base or timber supply. The General Wildlife Measures for Badger and the implications for timber supply are discussed in Section 12.2.6.

Table 15 summarizes the areas and land base reductions due to WHAs.

Table 15 Wildlife habitat area Summary

Species	WHA Identifiers	Gross Area (ha)	Productive Area (ha)	Removed Area (ha)
Lewis's Woodpecker	8-301	0.6	0.6	0.6
Williamson's Sapsucker	8-215, 8-216, 8-217, 8-218, 8-219, 8-220, 8-221, 8-222, 8-223, 8-224, 8-225, 8-315, 8-316, 8-366, 8-392	530.2	483.0	472.5
Grizzly Bear*	8-373	8,352.6	7,633.5	0.0
Badger*	8-329	29.0	27.4	0.0
Total		8,912.4	8,144.5	473.1

* No area was deleted for Grizzly Bear or Badger. The WHA identifier and gross area are included here for completeness of documentation

8.14 Recreation Sites and Reserves

Section 16 of the Forest Recreation Regulation specifies that recreations sites, trails, or interpretive forest sites for industrial activities. Five recreation sites/reserves located within TFL 8 that were removed from the land base, as summarized in Table 16.

Table 16 Recreation sites and reserves

Name	Type	Gross Area (ha)	Productive Area (ha)	Removed Area (ha)
Arlington Lakes	Recreation Site	64.9	36.4	28.8
Buck Lake	Recreation Site	4.8	3.5	3.0
Solitude Lake	Recreation Reserve	134.7	74.0	53.8
Trapping Creek	Recreation Site	0.5	0.5	0.5
Windfall Creek	Recreation Reserve	4.0	3.6	3.0
Total		208.8	117.9	89.1

8.15 Trans-Canada Trail

Approximately 20 kilometres of the Trans-Canada trail intersects the northern block of the TFL. Section 16 of the Forest Recreation Regulation specifies that recreations sites, trails, or interpretive forest sites for industrial activities. Therefore, a twelve metre buffer was applied to each side of the trail and excluded from the land base. The total area contained within the buffer is 48.0 hectares of which 10.8 hectares is productive forest. After accounting for other reductions to the land base, the net area removed from the THLB was 6.9 hectares.

8.16 Old Growth Management Areas

Non-legal, spatial Old Growth Management Areas (OGMAs) have been established in order to manage for the old growth requirements outlined in the Kootenay Boundary Higher Level Plan Order. All OGMAs within the TFL 8 boundary were excluded from the THLB. The gross area of OGMAs within TFL 8 is 6,564.4 hectares, of which 6,163.3 hectares is productive forest. After accounting for other reductions to the land base, the net area removed from the THLB was 5,090.3 hectares.

8.17 Wildlife Tree Retention

Section 66 of the Forest Planning and Practices regulation requires that on average, 7% of the total cutblock area harvested must be retained as wildlife tree retention. Wildlife tree patches (WTPs) are defined during layout and are maintained spatially in Interfor's forestry management system. Existing WTPs with a gross area of 917 hectares within this dataset were excluded from the THLB. Of this, 870 hectares was productive forest, with a resulting net reduction to the THLB of 678 hectares after previous land base reductions are considered. Approximately 73.9% (i.e. 678ha / 917 ha) of the gross WTP area is considered to be THLB.

Interfor's Forest Stewardship Plan (FSP) is consistent with the FPPR and specifies that on average, 7% of each harvested cutblock will be retained as wildlife trees, either in single trees or patches. When the non-THLB component of WTPs is taken into account this means that on average, 5.2% (i.e. 73.9% x 7%) of the THLB in each cutblock will be designated as wildlife tree retention.

For this analysis, it is assumed that existing WTPs are associated with previously harvested stands that are currently 30 years or younger in age (22,282 ha). Therefore, it is necessary to apply an additional aspatial netdown of 480 hectares to achieve the total 5.2% reduction for existing WTPs.

For the remainder of the THLB that is greater than 30 years old (39,178 ha), an aspatial netdown of 5.2%, (2,037 ha) will be applied in the model.

8.18 Williamson's Sapsucker Habitat Best Management Practices

Williamson's Sapsucker (WISA) is listed under Schedule 1 of the federal *Species at Risk Act*, and is on the provincial Red list in British Columbia. WHAs have been created for Williamson's Sapsucker and have been excluded from the THLB as outlined in Section 8.13. This analysis will include additional requirements for WISA as follows.

Best Management Practices (BMP) have been identified as an essential action in the provincial recovery plan. These BMPs apply nest tree retention and recruitment targets within low, moderate and high suitability habitat classes and within 500 metres of known nest sites in very low suitability habitat. These retention targets range between 85 and 225+ live trees per hectare as outlined in Table 17.

Table 18 summarizes the calculation of equivalent THLB retention areas required to meet the live tree retention targets. After allowing for 5.2% wildlife tree retention, an additional 32.9% retention is required in High Suitability habitat, and 8.4% additional retention is required in Low/Moderate suitability habitat or Very Low Suitability habitat within 500 metres of a nest. This will be addressed in the timber supply model as an aspatial netdown.

Table 17 WISA habitat suitability area summary

Habitat Suitability Rating	Average Live Tree Retention Target (sph)	% Area of New Cutblocks
High	225	100
Low/Moderate, plus	85-125	5-15
Very Low within 500 metres of a nest	126-175	25-35
	176-225	40-50
	> 225	10-20
Low/Moderate Weighted Average	180	

Table 18 WISA retention requirements

Habitat Suitability Rating	Gross Area (ha)	Productive Area (ha)	THLB Area (ha)	THLB SPH from VRI*	Overall Retention %	Adjusted Retention %	Retention Area (ha)
High	307.4	296.6	75.6	591	38.1	32.9	24.9
Low/Moderate or Very Low within 500 metres of a nest	6,628.4	6,208.5	3,485.9	1,319	13.6	8.4	292.8
Total	6,935.8	6,505.1	3,561.5	1,304	14.1	98.9	317.7

* Stands >= 80 years old

9 Inventory Aggregation

Aggregation of individual forest stands is used to reduce complexity of the inventories for purposes of the timber supply modelling.

9.1 Analysis Units

Stands are grouped into analysis units (AUs) to reduce the number of yield tables required within the model. For this analysis, base AUs were assigned using ecological units (i.e. combinations of BEC and leading site series) corresponding to those where silviculture information is available for regeneration activities occurring in the past 10 years. The source of the ecological units is the 2006 TEM used for the site index adjustment project. Table 19 summarizes these base analysis units.

Analysis units within the model will be assigned by considering these base AUs and whether the stand is natural or managed and its land base status (THLB/Non-THLB). Table 20 summarizes the analysis units that will be used in the model.

Table 19 Base analysis units

Base Analysis Unit	Description (BEC & Site Series)	THLB Area (ha)	Non-THLB Area (ha)
1	ESSFdc1/dcu1 – 01	4,649	708
2	ESSFdc1/dcu1 – 03	3,567	705
3	ESSFdc1/dcu1 – 04	970	181
4	ESSFdc1/dcu1 – Others	525	770
5	ICHmk1/mw2 – 01	1,791	187
6	ICHmk1/mw2 – 03	1,504	127
7	ICHmk1/mw2 – 04	1,379	92
8	ICHmk1/mw2 – Others	393	184
9	IDFdm1 – 01	3,897	661
10	IDFdm1 – 04	2,826	523
11	IDFdm1 – 05	478	230
12	IDFdm1 – Others	523	380
13	MSdm1 – 01	19,596	2,090
14	MSdm1 – 03	2,157	442
15	MSdm1 – 04	12,201	2,088
16	MSdm1 – 05	688	226
17	MSdm1 – Others	2,852	1,509
18	MSdm1a - All	785	121

Table 20 Modelling analysis units

Analysis Units	Description	Land Base	Regeneration Analysis Unit
1 – 18	Existing Natural Stands (>= 43 yrs)	THLB	1001 – 1018
101 – 118	Existing Managed Stands (31 to 42 yrs)	THLB	2001 – 2018
201 – 218	Existing Managed Stands (17 to 30 yrs)	THLB	2001 – 2018
301 – 318	Existing Managed Stands (11 to 16 yrs)	THLB	2001 – 2018
401 – 418	Existing Managed Stands (≤ 10 yrs)	THLB	2001 – 2018
1001 – 1018	Future Managed Stands (with road Reduction)	THLB	1001 - 1018
2001 – 2018	Future Managed Stands (no road reduction)	THLB	2001 - 2018
3001 – 3018	Existing Stands	Non-THLB	3001 – 3018*

* Regen AU is for purposes of disturbance in the non-THLB

9.2 Non-timber Resources

The forest estate model used for this analysis (PATCHWORKS™) does not require that unique, mutually exclusive zones be established to model non-timber resource requirements. Rather, stands are assigned to non-timber values based on their geographic location to allow constraints to be formulated for those values in the modeling framework. In general, a single stand will often belong and contribute to the status of more than one non-timber resource.

Table 21 provides an overview summary of the aggregations that will be used in this analysis to model non-timber resource requirements. Further details concerning the aggregation and model formulation are found in the sections of this report cross referenced in the table.

Table 21 Aggregation for non-timber resources

Non-timber Resource	Aggregation Level	Constraint Type	Section Cross Reference
Williamson's Sapsucker	Habitat Suitability/Nest Buffers	Aspatial retention	Section 8.18
Landscape-Level Biodiversity	Landscape Unit, BEO, BEC	Min. Retention/Max. Disturbance	Section 12.2.1
Visual Quality	Visual Landscape Inv. Polygon	Max. Disturbance	Section 12.2.3
Mule Deer Winter Range	Mule Deer Planning Cell	Min. Retention/ Max. Disturbance	Section 12.2.4
Moose Winter Range	Moose Planning Cell	Min. Retention/Max. Disturbance	Section 12.2.5
Badger	Badger WHA	Future Harvest Limitation	Section 12.2.6

10 Growth and Yield

Forest estate modelling requires estimates for attributes such as net volume, height and diameter for different stand types over time as the stands age. Growth and yield assumptions describe how these attributes are developed and incorporated in the model for natural and managed.

10.1 Site Index

Section to be completed with additional numbers and graphs. The 2006 Site Index Adjustment project will be used for managed stands in the base case and a sensitivity analysis will be completed using the provincial site productivity tile.

10.2 Utilization Levels

Utilization levels define the portion of the tree that is considered to be merchantable volume. Standards for utilization are specified in the cutting authority for the licence, and volume that meets these standards is charged against the allowable annual cut. The minimum merchantable timber specifications for TFL 8 are shown in Table 22. These will be used for all species and analysis units (natural and managed) when developing the yield tables for this analysis.

Table 22 Utilization levels

Species	Minimum Diameter at Breast Height	Maximum Stump Height	Minimum Top Diameter Inside Bark
Lodgepole pine	12.5 cm	30.0 cm	10.0 cm
Other Conifer	17.5 cm	30.0 cm	10.0 cm

10.3 Decay, Waste, and Breakage

For natural stands, default reductions to stand volume for decay, waste and breakage will be applied in the Variable Density Yield Projection (VDYP 7) model. Within the TIPSYP model used for managed stands, the default Operational Adjustment Factor 2 (OAF2) will be applied to account for merchantable volume losses due to decay, waste, and breakage (Section 10.4).

10.4 Operational Adjustment Factors for Managed Stands

The TIPSYP projection model reports the potential yield of a specific site, species and management regime. Operational adjustment factors (OAFs) were applied to reflect the operational environment accordingly:

- OAF1 of 15% to address a constant reduction for unmapped stocking gaps (e.g., non-productive areas, management effects, and losses due to forest health and random risk factors).
- OAF2 of 5% to address dynamic reductions over the life of the stand such as decay, waste and breakage and some forest health concerns.

10.5 Volume Reductions

Deciduous volumes were removed from all yield tables. For natural stands, this was done directly using the VDYP output by not including reported deciduous volumes in total merchantable volume. For managed stands, a percent reduction to total volume was applied based on the proportion of deciduous in the TIPSy inputs.

In addition, future managed stand yield tables for existing natural stands will be reduced by 1.9% in the model to account for future roads (see Section 8.4.2).

10.6 Yield Tables for Natural Stands

Natural stands for purposes of this analysis are stands that are greater than 42 years of age, which reflects an approximation of the year (1975) when planting and density control were commonly implemented. Yield tables for natural stands were generated as follows:

- VDYP 7 was used to create a yield table for each individual natural stand in the inventory
- The individual yield tables that represent the stands in an analysis unit were area-weighted to create a composite table for the analysis unit

The required attributes for input into the VDYP 7 model were obtained from FLNRO as part of the project to convert the TFL 8 inventory to the provincial digital standard. Table 23 provides a summary of the natural stand inventory attributes, and the full yield tables are provided in Appendix 1.

Table 23 Average natural stand attributes by AU

AU	Description	Area	Inventory SI	Species Composition
1	ESSFdc1/du1 – 01	2,253	14.5	PI38 BI30 Sx28 Lw3 Fd1
2	ESSFdc1/du1 – 03	1,998	13.9	PI67 BI17 Sx13 Lw2 Fd1
3	ESSFdc1/du1 – 04	764	13.5	Sx43 BI40 PI16 Lw1
4	ESSFdc1/du1 – Others	373	12.9	PI47 BI26 Sx24 Lw2 Pa1
5	ICHmk1/mw2 – 01	1,035	15.8	Fd31 Lw22 Sx16 Cw11 BI10 PI9 At1
6	ICHmk1/mw2 – 03	1,108	14.9	Fd42 Lw31 PI14 BI5 Sx4 Cw4
7	ICHmk1/mw2 – 04	882	15.3	Lw34 Fd25 PI21 Sx7 BI7 Cw5 At1
8	ICHmk1/mw2 – Others	237	15.3	Fd32 Lw20 Sx17 Cw13 PI8 BI8 At2
9	IDFdm1 – 01	2,014	16.7	Fd48 Lw24 PI22 Sx4 Cw1 At1
10	IDFdm1 – 04	1,789	15.9	Fd52 PI24 Lw21 Sx2 At1
11	IDFdm1 – 05	310	16.6	Fd44 Lw22 PI18 Sx12 BI2 At1 Ac1
12	IDFdm1 – Others	336	15.7	Fd54 Lw19 PI13 Sx7 Py5 BI1 At1
13	MSdm1 – 01	7,674	16.4	PI38 Lw27 Fd21 Sx7 BI6 Cw1
14	MSdm1 – 03	1,628	15.1	PI49 Lw24 Fd21 Sx3 BI3
15	MSdm1 – 04	7,043	15.7	PI40 Fd28 Lw27 Sx3 BI2
16	MSdm1 – 05	295	17.5	PI42 Sx18 Fd16 Lw15 BI8 At1
17	MSdm1 – Others	1,604	16.3	Fd32 Lw27 PI25 Sx10 BI5 Cw1
18	MSdm1a - All	343	17.2	Lw34 PI30 Fd21 Sx9 BI4 Cw2
Total		31,686		

10.6.1 Existing Timber Volume Comparison

To be completed when yield tables are created

10.7 Yield Tables for Managed Stands

Managed stands for this analysis are all stands that are 42 years of age and younger. TFL 8 has a rich history of artificial reforestation efforts dating back to the late 1950s, including research into Douglas-fir and larch restocking, and fertilization of Lodgepole pine sites that were clearcut harvested and mechanically treated. (Tree Farm Licence No. 11 (Carmi) - Working Plan Number Three – Olinger Lumber Company Ltd.). Spruce seed collection programs were initiated in 1965 and planting was commonly used on the TFL by the late 1970's. Density control treatments originated in the early to mid-1980's on stands harvested in the preceding decades. Yield tables were created for these stands using the Table Interpolation for Stand Yields (TIPSY) model, version 4.4.

10.7.1 Silviculture Management Regimes

Managed stands were divided into five historic eras that reflect changes in silviculture practices and available data sources for the required TIPSY inputs (i.e. regeneration method, species, density, and genetic gain). The age of existing stands will be used as a surrogate for the silviculture era. Table 24 lists the silviculture eras and age ranges that were used for this analysis.

Table 24 Silviculture eras

Silviculture Era	Age Range	Area (ha)
1975 – 1986	31 to 42 years	7,492
1987 – 2000	17 to 30 years	10,667
2001 – 2006	11 to 16 years	3,447
2007 – 2017	<= 10 years	7,460
Future Managed		60,781

10.7.1.1 Silviculture Era 1 (1975 to 1986)

Between 1975 and 1986, planting was used in small proportions in the ESSF, IDF, and MS zones. For these stands, information provided in the November 2001 report *“Yield Tables for Natural and Managed Stands: Management Plan 10 on TFL 8”* by J.S. Thrower and Associates Ltd. was used to create the regimes by area weighting the regimes listed in the report by the areas in each analysis unit. Table 25 summarizes the regimes that will be used in the current analysis for this silviculture era.

Table 25 Silviculture regimes for Era 1 stands (1975 to 1986)

AU	Description	Area (ha)	Site Index	Regen Method	Density	Species Composition	Regen Delay
101	ESSF – 01	456		Plant: 15%	850	PI100	2
				Nat: 85%	4,150	BI38 PI33 Sx26 Cw3	5
102	ESSF – 03	290		Nat: 100%	6,600	PI69 BI26 Sx4 Lw1	5
103	ESSF – 04	10		Plant: 15%	750	PI100	2
				Nat: 85%	4,150	BI38 PI33 Sx24 Cw4	5
104	ESSF – Others	18		Plant: 50%	700	PI100	2
				Nat: 50%	5,170	BI67 PI20 Sx13	5
105	ICH – 01	236		Nat: 100%	1,950	Fd44 PI29 Lw21 Sx6	5
106	ICH – 03	31		Nat: 100%	3,100	PI38 BI34 Sx18 Fd 9 Lw1	5
107	ICH – 04	85		Nat: 100%	4,050	PI40 BI40 Sx20	5
108	ICH – Others	33		Nat: 100%	1,800	PI40 Sx26 Fd 16 Lw10 BI8	5
109	IDF – 01	705		Plant: 8%	700	PI74 Sx21 Lw5	2
				Nat: 92%	4,100	PI66 Fd19 Lw9 Sx4 At2	5
110	IDF – 04	379		Plant: 12%	1,035	PI62 Fd35 Sx3	2
				Nat: 88%	3,800	PI70 Fd13 Lw10 Sx4 Cw3	5
111	IDF – 05	66		Plant: 20%	785	PI66 Sx33 Fd1	2
				Nat: 80%	3,480	PI57 Sx14 Lw13 Fd12 At4	5
112	IDF – Others	57		Plant: 7%	1,035	PI62 Fd35 Sx3	2
				Nat: 93%	4,250	PI53 Fd19 Sx12 Lw12 BI2 Cw2	5
113	MSdm1 – 01	3,228		Plant: 12%	1,000	PI83 Sx14 Lw3	2
				Nat: 88%	3,650	PI70 Lw11 Fd7 BI6 Sx5 At1	5
114	MSdm1 – 03	59		Plant: 16%	550	PI91 Sx9	2
				Nat: 84%	3,850	PI84 Lw7 Fd6 Sx3	5
115	MSdm1 – 04	1,259		Plant: 8%	700	PI77 Sx22 Fd1	2
				Nat: 92%	3,800	PI69 Fd11 Lw7 Sx6 BI6 Ac1	5
116	MSdm1 – 05	218		Plant: 3%	800	PI100	2
				Nat: 97%	4,570	PI67 BI12 Lw11 Fd7 Ac3	5
117	MSdm1 – Others	361		Plant: 12%	700	PI60 Sx40	2
				Nat: 88%	3,950	PI85 Sx7 BI3 Lw3 Fd1 At1	5
118	MSdm1a - All	1		Nat: 100%	2,075	Fd33 PI30 Lw28 Sx7 BI2	5
Total		7,492					

10.7.1.2 Silviculture Era 2 (1987 to 2000)

The proportion of planting increased in all biogeoclimatic zones between 1987 and 2000. Genetically improved stock was also available, but was planted in relatively small proportions resulting in an overall gain of 0.9 (spruce), 0.3 (Douglas-fir), and 0.1 (pine). Similar to Era 1 stands, information provided in the November 2001 report “Yield Tables for Natural and Managed Stands: Management Plan 10 on TFL 8” was used to create the regimes by area weighting the regimes listed in the report by the areas in each analysis unit. Table 26 summarizes the regimes that will be used in the current analysis for this silviculture era.

Table 26 Silviculture regimes for Era 2 stands (1987 to 2000)

AU	Description	Area (ha)	Site Index	Regen Method	Density	Species Composition	Regen Delay
201	ESSF – 01	1,042		Plant: 50%	1,050	PI52 Sx48	2
				Nat: 50%	6,400	PI44 Sx28 Bl22 Lw6	5
202	ESSF – 03	676		Plant: 50%	800	PI77 Sx22 Lw1	2
				Nat: 50%	6,200	PI69 Sx19 Bl11 Lw1	5
203	ESSF – 04	101		Plant: 50%	1,200	PI70 Sx29 Lw1	2
				Nat: 50%	4,500	PI54 Bl25 Sx21	5
204	ESSF – Others	50		Plant: 50%	900	PI52 Sx45 Lw3	2
				Nat: 50%	4,650	PI46 Sx29 Bl20 Lw5	5
205	ICH – 01	159		Plant: 36%	1,065	PI64 Lw21 Sx14 Py1	2
				Nat: 64%	4,375	PI42 Sx14 Bl13 Fd13 Lw13 Cw5	5
206	ICH – 03	158		Plant: 50%	1,070	PI 58 Lw28 Sx8 Py6	2
				Nat: 50%	5,350	PI54 Lw27 Fd9 Sx7 Py3	5
207	ICH – 04	97		Plant: 50%	1,130	PI57 Sx23 Lw20	2
				Nat: 50%	2,950	PI51 Lw26 Sx19 At3 Bl1	5
208	ICH – Others	33		Plant: 50%	559	PI58 Sx27 Lw14 Py1	2
				Nat: 50%	3,900	PI48 Sx27 Lw12 Bl8 Fd5	5
209	IDF – 01	429		Plant: 28%	950	PI55 Lw30 Py8 Sx4 Fd3	2
				Nat: 72%	4,150	PI53 Fd27 Lw14 Sx3 Py2 Ac1	5
210	IDF – 04	198		Plant: 30%	900	Lw39 PI33 Py14 Fd11 Sx3	2
				Nat: 70%	3,000	PI42 Fd28 Lw23 Sx4 Py3	5
211	IDF – 05	32		Plant: 50%	900	Lw49 PI48 Sx3	2
				Nat: 50%	1,650	Lw47 PI43 Fd7 Bl3	5
212	IDF – Others	83		Plant: 50%	775	Lw48 PI46 Sx3 Py2 Fd1	2
				Nat: 50%	1,550	PI44 Lw44 Fd8 Bl2 Sx1 Py1	5
213	MSdm1 – 01	4,932		Plant: 35%	925	PI67 Sx25 Lw8	2
				Nat: 65%	4,900	PI69 Sx14 Lw10 Bl4 Fd3	5
214	MSdm1 – 03	170		Plant: 33%	650	PI65 Sx26 Lw9	2
				Nat: 67%	5,900	PI54 Lw17 Fd11 Bl9 Sx7 Ac2	5
215	MSdm1 – 04	1,715		Plant: 35%	900	PI58 Lw22 Sx19 Fd1	2
				Nat: 65%	6,875	PI64 Lw21 Sx7 Bl3 At3 Fd2	5
216	MSdm1 – 05	126		Plant: 50%	950	PI66 Sx33 Lw1	2
				Nat: 50%	2,850	PI60 Sx26 Lw5 Bl7 Fd1 Ac1	5
217	MSdm1 – Others	429		Plant: 11%	725	PI63 Sx33 Lw4	2
				Nat: 89%	7,575	PI91 Lw6 Sx1 Bl1 Fd1	5
218	MSdm1a - All	237		Plant: 36%	2,075	PI64 Lw20 Sx15 Py1	2
				Nat: 64%	4,350	PI42 Sx15 Fd13 Lw13 Bl12 Cw5	5
Total		10,667					

10.7.1.3 Silviculture Era 3 (2001 to 2006)

There is limited information available for silviculture practices during this period as a result of changes to Interfor's forest management system. The information package completed in 2006 for the previous timber supply analysis assumed that 100% of stands were planted. However, based on the work completed by Interfor for Era 4 stands (See Section 10.7.1.4), and the assumptions for future managed stands provided in the November 2001 report "Yield Tables for Natural and Managed Stands: Management Plan 10 on TFL 8" it appears that there was likely still a reliance on natural regeneration. Therefore, this analysis will assume the same silviculture regimes as those used for Era 4 (2007 to 2017) stands. Table 27 summarizes the silviculture regimes that will be used in the current analysis for this silviculture era.

Table 27 Silviculture regimes for Era 3 stands (2001 to 2006)

AU	Description	Area (ha)	Site Index	Regen Method	Density	Species Composition	Regen Delay
301	ESSF – 01	259		Plant: 64%	1,200	Sx46 Pl41 Bl13	2
				Nat: 36%	3,600	Pl56 Bl41 Sx3	5
302	ESSF – 03	238		Plant: 60%	1,250	Pl55 Sx42 Bl3	2
				Nat: 40%	5,000	Pl69 Bl26 Sx4 Lw1	5
303	ESSF – 04	35		Plant: 84%	1,200	Sx60 Pl38 Bl2	2
				Nat: 16%	2,800	Bl52 Pl25 Sx23	5
304	ESSF – Others	33		Plant: 64%	1,230	Pl46 Sx46 Bl8	2
				Nat: 16%	4,100	Pl61 Bl34 Sx45	5
305	ICH – 01	105		Plant: 100%	1,300	Sx35 Fd33 Lw31 Cw1 Py1	2
306	ICH – 03	73		Plant: 100%	1,300	Fd54 Pl39 Sx7	2
307	ICH – 04	78		Plant: 100%	1,400	Fd39 Lw27 Pl12 Sx11 Py10 Cw2	2
308	ICH – Others	29		Plant: 100%	1,350	Fd37 Lw27 Sx26 Pl6 Py3 Cw1	2
309	IDF – 01	367		Plant: 100%	1,250	Fd53 Lw22 Pl11 Sx10 Py4	2
310	IDF – 04	239		Plant: 100%	1,250	Fd49 Py32 Pl15 Lw3 Sx1	2
311	IDF – 05	52		Plant: 100%	1,200	Sx33 Lw26 Fd23 Pl18	2
312	IDF – Others	29		Plant: 100%	1,300	Fd53 Lw20 Pl12 Sx9 Py6	2
313	MSdm1 – 01	892		Plant: 69%	1,250	Fd34 Lw30 Sx26 Pl9 Py1	2
				Nat: 31%	3,200	Pl69 Bl14 Lw11 Fd4 Sx1 Ac1	5
314	MSdm1 – 03	70		Plant: 56%	1,250	Pl76 Sx24	2
				Nat: 44%	6,700	Pl67 Bl 33	5
315	MSdm1 – 04	705		Plant: 51%	1,250	Lw33 Fd32 Pl27 Sx8	2
				Nat: 49%	3,100	Pl83 Bl9 Lw5 Fd3	5
316	MSdm1 – 05	3		Plant: 33%	1,250	Sx36 Fd31 Lw23 Pl6 Py4	2
				Nat: 67%	9,000	Pl87 Bl10 Fd1 Lw1 Sx1	5
317	MSdm1 – Others	158		Plant: 62%	1,250	Fd33 Lw31 Sx19 Pl17	2
				Nat: 38%	3,700	Pl76 Bl11 Lw7 Fd3 Sx1 Ac1 At1	5
318	MSdm1a - All	114		Plant: 100%	1,100	Sx52 Fd36 Lw6 Cw6	2
Total		3,477					

10.7.1.4 Silviculture Era 4 (2007 to 2017)

Interfor analyzed silviculture records for the past 10 years to develop the inputs for existing managed stands less than or equal to 10 years of age. All ICH, IDF, and MSdm1a stands were planted, with a combination of planting and natural regeneration on ESSF and MSdm1 stands. Table 28 lists the silviculture regimes used to develop the yield tables for Existing era 4 managed stands (AUs 401 to 418). These regimes will also be used for all future managed stands.

Table 28 Silviculture regimes for Era 4 stands (2007 to 2017)

AU	Description	Area (ha)	Site Index	Regen Method	Density	Species Composition	Regen Delay
401	ESSF – 01	639		Plant: 64%	1,200	Sx46 Pl41 Bl13	2
				Nat: 36%	3,600	Pl56 Bl41 Sx3	5
402	ESSF – 03	365		Plant: 60%	1,250	Pl55 Sx42 Bl3	2
				Nat: 40%	5,000	Pl69 Bl26 Sx4 Lw1	5
403	ESSF – 04	60		Plant: 84%	1,200	Sx60 Pl38 Bl2	2
				Nat: 16%	2,800	Bl52 Pl25 Sx23	5
404	ESSF – Others	51		Plant: 64%	1,230	Pl46 Sx46 Bl8	2
				Nat: 16%	4,100	Pl61 Bl34 Sx45	5
405	ICH – 01	256		Plant: 100%	1,300	Sx35 Fd33 Lw31 Cw1 Py1	2
406	ICH – 03	133		Plant: 100%	1,300	Fd54 Pl39 Sx7	2
407	ICH – 04	238		Plant: 100%	1,400	Fd39 Lw27 Pl12 Sx11 Py10 Cw2	2
408	ICH – Others	62		Plant: 100%	1,350	Fd37 Lw27 Sx26 Pl6 Py3 Cw1	2
409	IDF – 01	382		Plant: 100%	1,250	Fd53 Lw22 Pl11 Sx10 Py4	2
410	IDF – 04	220		Plant: 100%	1,250	Fd49 Py32 Pl15 Lw3 Sx1	2
411	IDF – 05	19		Plant: 100%	1,200	Sx33 Lw26 Fd23 Pl18	2
412	IDF – Others	19		Plant: 100%	1,300	Fd53 Lw20 Pl12 Sx9 Py6	2
413	MSdm1 – 01	2,869		Plant: 69%	1,250	Fd34 Lw30 Sx26 Pl9 Py1	2
				Nat: 31%	3,200	Pl69 Bl14 Lw11 Fd4 Sx1 Ac1	5
414	MSdm1 – 03	230		Plant: 56%	1,250	Pl76 Sx24	2
				Nat: 44%	6,700	Pl67 Bl 33	5
415	MSdm1 – 04	1,481		Plant: 51%	1,250	Lw33 Fd32 Pl27 Sx8	2
				Nat: 49%	3,100	Pl83 Bl9 Lw5 Fd3	5
416	MSdm1 – 05	47		Plant: 33%	1,250	Sx36 Fd31 Lw23 Pl6 Py4	2
				Nat: 67%	9,000	Pl87 Bl10 Fd1 Lw1 Sx1	5
417	MSdm1 – Others	300		Plant: 62%	1,250	Fd33 Lw31 Sx19 Pl17	2
				Nat: 38%	3,700	Pl76 Bl11 Lw7 Fd3 Sx1 Ac1 At1	5
418	MSdm1a - All	91		Plant: 100%	1,100	Sx52 Fd36 Lw6 Cw6	2
Total		7,460					

10.7.1.5 Future Managed Stands

Future managed stands will use the silviculture regimes outlined in Table 28 for existing managed stands less than or equal to 10 years of age. AUs 1001 to 1018 will be used when existing natural stands (AUs 1 to 18) are harvested and will have a reduction applied for future roads as outlined in Section 8.4.2. AUs 2001 to 2018 will be used when existing managed stands are harvested and will not have a reduction for future roads applied. Table 29 summarizes the area and site index for the future managed stands.

Table 29 Areas and site index for future managed stands

Description	Analysis Units 1001-1018			Analysis Units 2001 to 2018		
	AU	Area	Site Index	AU	Area	Site Index
ESSFdc1/dcu1 – 01	1001	2,253		2001	2,397	
ESSFdc1/dcu1 – 03	1002	1,998		2002	1,569	
ESSFdc1/dcu1 – 04	1003	764		2003	206	
ESSFdc1/dcu1 – Others	1004	373		2004	151	
ICHmk1/mw2 – 01	1005	1,035		2005	756	
ICHmk1/mw2 – 03	1006	1,108		2006	396	
ICHmk1/mw2 – 04	1007	882		2007	498	
ICHmk1/mw2 – Others	1008	237		2008	156	
IDFdm1 – 01	1009	2,014		2009	1,883	
IDFdm1 – 04	1010	1,789		2010	1,037	
IDFdm1 – 05	1011	310		2011	168	
IDFdm1 – Others	1012	336		2012	187	
MSdm1 – 01	1013	7,674		2013	11,922	
MSdm1 – 03	1014	1,628		2014	529	
MSdm1 – 04	1015	7,043		2015	5,159	
MSdm1 – 05	1016	295		2016	393	
MSdm1 – Others	1017	1,604		2017	1,247	
MSdm1a - All	1018	343		2018	442	
Total		31,686			29,095	

10.7.2 Regeneration Delay

Regeneration delay is the time elapsed between harvesting and the establishment of a new stand of trees, taking into account the age of the planted trees. For this analysis, regeneration delays will be applied in the yield tables when they are created using TIPSYS. Interfor typically experiences regeneration delays of 2 years or less for planted stands, and 5 years when stands regenerate naturally. These regeneration delays will be used for this analysis.

10.7.3 Regeneration Assumptions

As discussed in Section 9.1, analysis units are based on ecological units (BEC/leading site series) from the 2006 TEM used for the site index adjustment project. Existing stands will regenerate to the corresponding future managed stand analysis unit with the species composition and other regeneration parameters outlined previously.

Natural stands (AUs 1 to 18) will regenerate to future managed stands (AUs 1001 to 1018) with a volume reduction for future roads. Existing managed stands (AUs 101 to 118, 201 to 218, 301 to 318, and 401 to 418) will regenerate to future managed stands (AUs 2001 to 2018) that do not have a reduction for future roads. Yield tables for future managed stands will use the area weighted managed stand site indices for the individual regenerated species within the analysis unit.

10.7.4 Genetic Improvement

Genetic gains for Era 2 (1987 to 2000) were determined from the analysis completed in the November 2001 report “Yield Tables for Natural and Managed Stands: Management Plan 10 on TFL 8” by area weighting the reported genetic gain for planted stock in each analysis unit.

Genetic gains for Era 3 (2001-2006) were determined from the information package produced in 2006, unless they were greater than those calculated for Era 4 (2007-2017) in which case the Era 4 numbers were used.

Planting records for the past 10 years were combined with the genetic gain for each seedlot to produce weighted estimates of genetic gain for Era 4 and future managed stands. Table 30 summarizes the genetic gain that will be used in this analysis for planted stock.

Table 30 Genetic gain

Silviculture Era	Spruce	Pine	Douglas-fir	Larch
Era 1 (1975 – 1986)	0.0	0.0	0.0	0.0
Era 2 (1987 – 2000)	0.9	0.1	0.3	0.0
Era 3 (2001 – 2006)	10.0	7.0	0.0	21.5
Era 4 (2007 – 2017)	12.7	7.0	6.5	21.5
Future	12.7	7.0	6.5	21.5
Total	31,686			

10.7.5 Not Satisfactorily Restocked

Not satisfactorily restocked (NSR) is defined as a forested area that does not have a sufficient number of well-spaced trees of desirable species. Backlog NSR refers to stands disturbed prior to 1987 that are not declared as satisfactorily restocked. Backlog NSR is not considered to be an issue in TFL8 and was therefore not addressed in this analysis. *Current* NSR typically refers to stands recently disturbed (i.e., since 1987) that are not yet declared as being stocked.

Current NSR is addressed in the analysis as part of the regular regeneration assumptions described in Section 0, and through the inventory update undertaken during the data preparation for the analysis as described in Section 7.2.

11 Protection

Damage to timber caused by fire, wind, insects, diseases and other pests contribute to loss in harvestable volumes. This volume loss is difficult to quantify, although losses to insect and disease that are normally found in stands (i.e. endemic losses) are accounted for in yield table estimates. Depending on the type of damage and stand accessibility, losses due to catastrophic or epidemic events may be either salvageable or unsalvageable, and are not accounted for in the yield tables.

TFL 8 has good road access virtually throughout which allow occurrences of catastrophic stand damage to easily detected and accessible for salvage harvesting. Salvage operations are normally carried out using amendments to existing cutting authorities, developing new cutting permits, or through the FLNRO Small Scale Salvage (SSS) program. Stands within the THLB that are damaged and not recovered are usually small, isolated, or of marginal quality.

11.1 Unsalvaged Losses

There is a very effective Small Scale Salvage (SSS) program that salvages damaged timber from within TFL 8, particularly during periods of low lumber prices that make it difficult for Interfor to salvage the timber economically. In the past, volume harvested under the SSS program was charged to the Forest Service Reserve attached to the Boundary TSA. If not harvested, this volume would normally be considered as part of TFL 8 unsalvaged losses. Although it has been harvested, the volume was not charged to the TFL 8 AAC and should be still be considered as an unsalvaged loss for purposes of the TFL 8 timber supply analysis.

Table 31 summarizes the SSS volumes charged to the Forest Service Reserve from 2007 to 2017. Interfor had reduced activity during the period 2009 to 2012, and a portion of the volume harvested after 2013 was to clear a hydro right-of-way by Fortis BC. As a result, the 2007-2008 and 2013-2017 harvest volumes are representative of the ongoing salvage within the TFL 8, and are estimated to be 3,291 m³/year.

There is also damaged timber that is not salvaged by either Interfor or the SSS program. The 984 m³ allowance for unsalvaged losses used in the December 2006 Information Package (see Appendix 2) has been reviewed by Interfor and confirmed to be a reasonable estimate of volume that is not salvaged. Therefore, the total allowance for unsalvaged losses for this analysis will be 4,275 m³/year, as summarized in Table 32. Annual harvest volumes resulting from the timber supply model will be reduced by this amount for reporting harvest flows.

Table 31 Volume charged to Forest Service Reserve

Period/Description	Total Volume (m ³)	Annual Volume (m ³)
2007-2008 (Salvage)	6,022	3,011
2009-2012 (Salvage, Interfor Reduced Activity)*	27,902	
2013-2017 (Hydro-line)*	4,265	
2013-2017 (Salvage)	23,037	4,607
Total	55,204	3,291

Table 32 Allowance for unsalvaged losses

Description	Average Annual Loss (m ³)
Wildfire	45
Mountain Pine Beetle	160
Douglas Fir Bark Beetle	63
Spruce Bark Beetle	45
Catastrophic Blowdown	215
Non-catastrophic in-block Blowdown	75
Non-catastrophic Blowdown adjacent to new roads	30
Non-catastrophic Blowdown adjacent to existing roads	276
Retention Trees	75
Estimate from Small Scale Salvage Program	3,291
Total	4,275

11.2 Grade 4 Credit

Grade 4 logs are low quality logs that are generally not suitable for lumber production. Under the Cut Control Regulation, Grade 4 volume delivered to a facility other than a sawmill or veneer plant (i.e. pulp, bioenergy, etc.) is not counted against cut control (i.e. AAC) if an application is submitted to and approved by the government. This is known as the Grade 4 credit and the intent is to increase the utilization of low quality logs. The Grade 4 credit on TFL 8 has been minimal since 2007, as summarized in Table 33.

Table 33 Grade 4 Credit

Period	Grade 4 Credit (m ³)
2007 - 2014	0
2015	684
2016	0
Annual Average	68

12 Integrated Resource Management

This section describes the criteria and considerations used to model non-timber resources.

12.1 Forest Resource Inventories

The status of the non-timber resource inventories has previously been described in Section 6. If required, additional details will be provided in the individual sections provided below.

12.2 Non-Timber Forest Resource Management

12.2.1 Landscape-Level Biodiversity

The Kootenay-Boundary Higher Level Plan Order signed October 26, 2002 specifies the required retention of old seral stage by landscape unit, biodiversity emphasis option, and biogeoclimatic zone. The BEC version in place at the time of the order (BEC V4) is used for the purpose of determining the old seral requirements. Table 34 summarizes the old seral requirements specified in the Order.

Spatial OGMA's have been developed cooperatively by Interfor and government as a means to meet the old seral requirements operationally. These OGMA's have been removed from the THLB as outlined in Section 8.16, and no additional seral requirements will be implemented for the base case. However, a sensitivity analysis will explore the effect of implementing the requirements outlined in Table 34 as a forest cover constraint.

Table 34 Old seral requirements

Landscape Unit	Biodiversity Emphasis Option	BEC	Productive Forest Area (ha)	Old Seral Age	Initial Old Seral Required (%)	Old Required by End of 3 rd rotation (%)
B01	High	IDF dm1	2,965	>250	19	19
	Intermediate	ICH mk1	833	>140	14	14
	Intermediate	MS dm1	2,533	>140	14	14
B07	Low	ESSF dc1	7,236	>140	4.7	14
	Low	ICH mk1	8,244	>140	4.7	14
	Low	ICH mw2	88	>250	3	9
	Low	IDF dm1	4,114	>250	4.3	13
	Low	MS dm1	14,703	>140	4.7	14
B08	Low	ESSF dc1	3,151	>140	4.7	14
	Low	IDF dm1	7,885	>250	4.3	13
	Low	MS dm1	19,946	>140	4.7	14

12.2.2 Stand-Level Biodiversity

Wildlife tree retention targets consistent with Interfor's FSP have been addressed through a THLB reduction as specified in Section 8.17. Therefore, no additional requirements will be implemented in the analysis.

12.2.3 Visual Quality

Section 7 of the Government Actions Regulation permits the government to establish scenic areas and Visual Quality Objectives (VQOs), and Section 1.1 of the Forest Planning and Practices Regulation prescribes the extent of alteration resulting from the size, shape and location of cutblocks and roads within each VQO category.

A Visual Landscape Inventory (VLI) has been completed for TFL 8, and establishes VQOs that must be met for each VLI polygon. Visually effective green-up (VEG) heights and plan-2-perspective (P2P) ratios will be used to determine the maximum disturbance allowed for each polygon within the model.

The area by 5 percent slope classes within each VLI polygon was determined using LiDAR data. These areas were then used to calculate an area weighted P2P ratio and VEG height for each VLI polygon using the specified values by slope class provided in Table 35. The P2P ratios were then multiplied by the allowable disturbance in perspective view to determine the maximum proportion of the polygon that can be below the VEG height. For purposes of this analysis, the maximum allowable disturbance in perspective view is assumed to be equivalent to that for polygons with a high Visual Absorption Capability (VAC).

Table 36 summarizes the results of the calculations, and provides the maximum proportion of each VLI polygon that can be less than the indicated VEG height at any given time.

Table 35 Slope classes for calculating P2P ratio and VEG height

	Slope Class (%)														
	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	75+
P2P	4.68	4.23	3.77	3.41	3.04	2.75	2.45	2.22	1.98	1.79	1.60	1.45	1.29	1.17	1.04
VEG	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	6.5	7.0	7.5	8.0	8.5	8.5	8.5

Table 36 Maximum allowable proportion below VEG height by VLI polygon

VLI Polygon	VQO	Productive Forest Area (ha)	Maximum Perspective Disturbance (%)	P2P Ratio	Maximum Planimetric Disturbance (%)	VEG Height (m)	Average Slope (%)
34	Modification	223.4	18	3.23	58.1	4.9	21.8
37	Modification	3,885.6	18	2.95	53.1	5.3	27.1
51	Partial Retention	72.0	7	2.60	18.2	5.9	34.9
72	Modification	889.0	18	2.69	48.4	5.7	32.3
84	Modification	415.3	18	2.34	42.1	6.3	37.9
95	Partial Retention	102.7	7	2.03	14.2	6.9	46.4
99	Modification	9.6	18	3.77	67.9	4.1	14.2
103	Modification	138.2	18	2.67	48.0	5.7	32.0
109	Modification	75.6	18	2.34	42.2	6.2	37.6
118	Modification	230.1	18	2.27	40.8	6.4	39.4
254	Partial Retention	192.6	7	2.71	18.9	5.7	31.2
331	Partial Retention	176.4	7	2.60	18.2	5.8	33.0
345	Partial Retention	19.9	7	2.25	15.8	6.4	40.6
366	Retention	3.4	1.5	4.00	6.0	3.8	10.5
424	Partial Retention	11.4	7	2.59	18.2	5.9	33.6
428	Retention	2.9	1.5	2.55	3.8	6.0	35.2
438	Partial Retention	3.9	7	3.97	27.8	3.8	10.8
441	Modification	73.7	18	2.38	42.9	6.2	36.5
459	Modification	28.4	18	2.63	47.3	5.7	30.7
477	Partial Retention	4.6	7	3.22	22.5	4.8	21.4
Total		6,558.8					

12.2.4 Mule Deer Winter Range

Government Actions Regulation (GAR) order #u-8-008 signed May 8th, 2006 outlines the requirements for management of mule deer winter range within TFL 8. This includes maintenance of snow interception cover by planning cell and snowpack zone, as well as limits on the amount of forest less than 21 years in moderate snowpack zone planning cells.

12.2.4.1 Snow Interception Cover

Snow interception cover (SIC) is specified in the GAR order as a minimum stand age by snowpack zone, with snowpack zones defined using biogeoclimatic zone, elevation, and aspect. BEC version 6 was published in January 2006 and was used to determine the snowpack zones for the MDWR areas within TFL 8 using the definitions in Table 37.

The GAR order provides the percent retention above SIC age by planning cell, and also indicates that the SIC requirements only apply to the productive forest area outside areas identified as fire maintained ecosystems (FER). Area weighted minimum SIC ages were calculated for each planning cell using the definitions from Table 37. The results of these calculations, along with the minimum retention requirements are summarized in Table 38. These retention requirements will be applied in the analysis for the productive forest land (excluding FMER areas) for each MDWR planning cell.

Table 37 Snowpack zone and SIC definition

Snowpack Zone	Biogeoclimatic Zone (Version 6)	Minimum Stand Age (yrs)
Shallow	PP xh	101
	IDF xh	101
	IDF dm1*	101
Moderate	ICH dw	121
	IDF dm1**	101
	MS (all)	101
Deep	ICH mk1	121
	ICH mw2	121
	ESSF (all)	121

* < 1000 m elevation with aspects 135-275°

** All other IDFdm1

Table 38 MDWR SIC requirements summary

MDWR Planning Cell	Productive Forest Area (ha)	FMER Area (ha)	Shallow Snowpack Area (ha)	Moderate Snowpack Area (ha)	Deep Snowpack Area (ha)	Total MDWR Productive Area (ha)	Average SIC Age	Retention %
4	741.8	176.7	13.2	551.8	-	565.1	101	19.5
5	1,812.3	717.0	21.2	1,074.1	-	1,095.3	101	20.0
8	53.6	22.5	-	31.1	-	31.1	101	16.8
38	173.6	53.4	-	120.2	-	120.2	101	20.0
40	145.0	87.1	0.5	57.4	-	58.0	101	20.0
41	426.6	198.6	4.2	223.7	-	227.9	101	18.0
42	435.8	189.8	10.5	235.5	-	246.0	101	20.0
43	431.7	163.0	33.8	234.9	-	268.7	101	18.2
46	831.2	290.1	64.0	458.4	18.7	541.1	102	20.0
47	574.8	97.6	43.6	394.5	39.1	477.2	103	21.5
48	514.5	-	-	514.5	-	514.5	101	20.0
49	700.2	111.0	183.5	405.8	-	589.2	101	17.9
50	161.0	36.5	57.4	67.1	-	124.5	101	17.3
52	799.0	309.1	129.5	287.5	72.9	490.0	104	19.9
Total	7,801.1	2,452.3	561.6	4,656.5	130.7	5,348.8		

12.2.4.2 MDWR Maximum Disturbance

GAR order #u-8-008 also specifies that within the Moderate Snowpack Zone, a maximum of 33% of the net MDWR area within each planning cell can be less than 21 years of age. Table 39 summarizes the area weighted maximum disturbance that will be applied to each MDWR planning cell in the analysis.

Table 39 MDWR maximum disturbance levels

MDWR Planning Cell	Total MDWR Productive Area (ha)	Maximum Proportion < 21 years
4	565.1	32.2
5	1,095.3	32.4
8	31.1	33.0
38	120.2	33.0
40	58.0	32.7
41	227.9	32.4
42	246.0	31.6
43	268.7	28.9
46	541.1	28.0
47	477.2	27.3
48	514.5	33.0
49	589.2	22.7
50	124.5	17.8
52	490.0	19.4
Total	5,348.8	

12.2.5 Moose Winter Range

GAR order #u-8-007 signed May 8th, 2006 outlines the requirements for management of moose winter range within TFL 8. It does not apply to areas that are identified as mule deer winter range as specified in Section 12.2.4. Table 40 summarizes the areas where the GAR order applies.

The GAR order includes retention and disturbance objectives for planning cells that will be modelled for this timber supply analysis. At least 20% of each planning cell must be greater than 16 metres in height, and no more than 40% of each planning cell can be less than 31 years of age. For this analysis, the age at which stands achieve 16 metres in height will be determined for each analysis unit individually, and the model will be configured to ensure that 20% of each planning cell is greater than the required age.

A third objective that specifies minimum retention within riparian management areas of S1, S2, S3 and S5 streams and W1, W3 and W5 wetlands will not be directly modelled as it is assumed that the land base reduction for riparian management outlined in Section 8.12 combined with the wildlife tree retention outlined in Section 8.17 will address these requirements.

Table 40 Moose winter range areas

Moose Planning Cell	Productive Forest Area (ha)
1	3,478.7
2	5,828.9
3	316.0
4	2,849.2
7	7,245.2
8	1,451.7
10	1,934.4
12	4,896.2
Total	28,000.4

12.2.6 Badger

The General Wildlife Measures for the Badger WHA (WHA #8-329) only allow harvesting for purposes of ecological restoration to create future stands with a target density of 20 stems per hectare. Therefore,

this analysis will allow a one-time harvest within the WHA, with the regenerated stand not being available for subsequent harvest.

12.2.7 Other Resource Features

Although there are no known archaeological sites requiring reserves with the TFL, reserves will be established if sites are encountered. There are approximately 70 permanent sample plot or growth and yield installations within the TFL that are typically buffered by 50 metres from the outer radius of the plot. Additional resource features include nine Map Notations for uses ranging from research site to Ministry of Transportation and Infrastructure gravel pits.

Protection for these features is normally accomplished within reserve areas (i.e. wildlife tree retention) during operational planning. Accordingly, no further modelling assumptions will be applied for other resource features in this analysis.

12.2.8 Adjacency

The KBLUP specifies that the required green-up height before adjacent cut blocks can be harvested is 2.5 metres. This requirement will be modelled by ensuring that no more than 25% of the THLB area not overlapping another constraint (e.g. ungulate winter range, visual quality, etc.) in each landscape unit can be less than 2.5 metres in height at any time.

12.3 Timber Harvesting

12.3.1 Minimum Harvest Criteria

Minimum harvest criteria are used to determine the age when stands become available for harvesting. A minimum harvest age will be assigned to each analysis unit, based on meeting all of the following criteria:

- Minimum volume of 150 m³ / hectare
- The age at which the mean annual increment (MAI) reaches 95% of its value at culmination age. MAI at a given age is calculated as the stand volume less decay, waste and breakage divided by the stand age, and represents the average volume growth per year to that age. Culmination age is defined as the age at which MAI is maximized.
- Minimum age of 60 years (managed stands only)

Table with minimum ages to be completed after yield tables are generated

12.3.2 Cut Block Aggregation

Cut block aggregation will be used so that the analysis reflects operational reality by avoiding harvesting of small isolated units, or “slivers”. Two forms of aggregation will be implemented.

1. The individual polygons (“fragments”) created by overlaying the various data input layers into the “resultant” layer will be aggregated into larger units called “blocks” prior to modelling. Within the model, blocks are the units that get harvested. Individual fragments that are adjacent, have the same analysis unit and are within 5 years age are potential candidates to be

combined into blocks. The target size for these blocks will be 10 hectares, which may not be achieved in all cases due to the differing attributes of the initial fragments.

2. During the model runs, the patching capabilities of the model will be used to control the spatial distribution of the harvested blocks. Patches are made up of adjacent areas with similar age, and targets can be set for various patch sizes. The model will be configured to avoid creating harvest patches less than 5 hectares in size. It will also be encouraged to create larger harvest patches up to 40 hectares in size without adversely impacting timber supply.

12.3.3 Silviculture systems

There has been virtually no partial cut harvesting in TFL 8 in recent years. Therefore, clear cut harvesting with reserves is the only silviculture system that will be modelled. The reserves for wildlife tree retention and Williamson's Sapsucker habitat will be accounted for using THLB reductions as outlined in Sections 8.17 and 8.18.

12.3.4 Initial Harvest Rate

The current AAC for TFL 8 is 186,000 m³ per year. The initial gross harvest level for the base case scenario will be set to 186,000 m³ per year plus the allowance for non-recoverable losses. This level may be adjusted depending on the modelling results.

12.3.5 Harvest Rules

The model used for this analysis does not explicitly use rules such as "oldest first" to rank stands for harvest. Rather, targets are set for harvest levels and individual non-timber resource requirements (e.g. maximum disturbance in a visual polygon, etc.). Each target in the model is assigned a relative weight that is used by the model to balance the achievement of the targets. Non-timber resource targets are typically assigned a very high weight so that the model will ensure they are achieved. Harvest volume is assigned a lower weight so that harvest is only attractive to the model when all other targets have been addressed.

The model will prioritize harvest of individual blocks to best achieve the overall harvest target subject to the non-timber resource targets being met. Stands will be harvested at the age that balances the requirements of all targets, including harvest.

12.3.6 Harvest Flow Objectives

Forest cover constraints and the growth capacity of the THLB will determine the harvest level options that will be considered. In general, the choice of harvest flow will reflect the following objectives:

- Avoid any large or abrupt disruptions in timber supply during transitions from short to mid to long-term periods (generally increases and decreases in steps of 10% per 10 year period)
- Achieve a stable long-term harvest level over a 300 year planning horizon.
- Ensure that the growing stock on the THLB does not decline during the last 50 years of the planning horizon.

12.4 Natural Disturbance Assumptions in the Non-THLB

Natural disturbance assumptions define the extent and frequency of natural disturbances such as fire or epidemic insect infestations across the land base. Within the THLB, natural disturbances are typically addressed through harvesting, with any unsalvaged areas contributing to the allowance for unsalvaged losses as outlined in Section 11.1.

For areas outside the THLB, stands will continuously age throughout the planning horizon unless disturbances are explicitly modelled. This can lead to the non-THLB fulfilling an unrealistic portion of the forest cover requirements for non-timber resources values such as landscape-level biodiversity, visual quality, etc.

Disturbance in the non-THLB will not be considered in the base case scenario because the options available for modeling natural disturbance (i.e. randomly assigning stands to be disturbed) can lead to inconsistent results, particularly on smaller land bases such as TFL 8. However, a sensitivity analysis will examine the effect of introducing natural disturbance on the non-THLB. The assumptions used to model this disturbance for the sensitivity analysis are explained below.

For this analysis, a constant area was disturbed annually within each landscape unit, biogeoclimatic zone and natural disturbance type (NDT). BEC version 4 was used for determining natural disturbance as this was the current version at the time the landscape-level biodiversity targets were set. The area of disturbance varied based on the biogeoclimatic variants present, their associated natural disturbance intervals and old seral definitions, as outlined in the Biodiversity Guidebook (B.C. Ministry of Forests and B.C. Ministry of Environment, Lands and Parks 1995). In summary, the process used to calculate the annual disturbed area is:

- Calculate the % Area that is greater than old using the equation

$$\% \text{ area old} = \exp(-[\text{old age} / \text{disturbance interval}])$$

- Calculate the effective rotation age using the equation

$$\text{Effective rotation age} = \text{old age} / (1 - \% \text{ area old})$$

- Calculate the annual area disturbed using the equation

$$\text{Area disturbed} = \text{non-THLB area} / \text{effective rotation age}$$

Table 41 summarizes the calculations used to determine the annual disturbance limits applied to the forested non-THLB. Within the model, these areas will be allocated to the individual landscape unit/BEC combination according to the relative proportion of the landscape unit within the BEC. Across the Non-THLB, approximately 42 ha (0.37%) is disturbed each year, resulting in an average disturbance turn-over of the non-THLB approximately every 268 years (range is 231 to 395 years).

Table 41 Annual natural disturbance limits in the forested non-THLB by BGC Zone/NDT

BGC ZONE	NDT	Disturbance Interval (yrs)	"OLD" Defn (yrs)	% Area > OLD*	Effective Rotation Age (yrs)*	Contributing Non-THLB Area (ha)	Annual Area Disturbed (ha) (area/rot age)
ICH	2	200	250	29%	350	12	0
ICH	3	150	140	39%	231	1,134	5
ESSF	3	150	140	39%	231	1,917	8
MS	3	150	140	39%	231	5,018	22
IDF	4	250	250	37%	395	2,899	7
AT	5	N/A	N/A	N/A	N/A	243	N/A
Total						11,223	42

* % area old = $\exp(-[\text{old age} / \text{disturbance interval}])$, Effective rotation age = $\text{old age} / (1 - \% \text{ area old})$

13 Sensitivity Analyses

This section briefly describes the sensitivity analyses that will be performed against the base case scenario. These analyses explore the stability of the base case relative to the uncertainty surrounding specific analysis assumptions. They also reflect the impact of alternative management or potential changes in forest practices.

13.1 Land Base Definition

13.1.1 Timber Harvesting Land Base +/- 10%

This sensitivity analysis will test the effect of moving land between the non-THLB and the THLB. This will be accomplished by increasing/decreasing the area of each THLB polygon by 10% when it is entered into the model. The area of each productive non-THLB polygon will have a corresponding proportional adjustment applied so that the total land base area remains the same, and that the area for each non-timber resource value remains the same.

13.2 Growth and Yield Assumptions

13.2.1 Natural Stand Yields +/- 10%

This sensitivity analysis will test the uncertainty in the yields predicted by the VDYP 7 model used to generate natural stand yield tables. The volumes for each natural stand analysis unit will be increased/decreased by 10%. Other yield parameters used by the model (e.g. height, minimum harvest age) will remain unchanged.

13.2.2 Managed Stand Yields +/- 10%

This sensitivity analysis will test the effect of changes to the yield tables for managed stands. The volumes for each managed stand yield table will be increased/decreased by 10%. Other yield parameters used by the model will remain unchanged.

13.2.3 Managed Stand Site Index

This sensitivity will test the effect of using the provincial site productivity tile for managed stand site indices.

13.2.4 Minimum Harvest Ages +/- 10 years

This sensitivity analysis will test the effect of increasing/decreasing minimum harvest ages by 10 years for each analysis unit.

13.3 Integrated Resource Management Assumptions

13.3.1 Include Disturbances in the non-THLB

This sensitivity analysis will test the effect of introducing natural disturbance into the non-THLB, as outlined in Section 12.4. Three different model runs will be completed, using a different random number sequence to assign the year of disturbance to the non-THLB polygons.

13.3.2 Apply Old Seral Targets

This sensitivity will test the effect of adding the spatial OGMA's back into the THLB and applying the targets for old seral outlined in Section 12.2.1 to account for landscape-level biodiversity.

13.3.3 BEC Version 10 for Old Seral Targets

This sensitivity will test the effect of using BEC Version 10 for the old seral targets instead of the existing OGMA's that are based on BEC Version 4. This will be accomplished using either an aspatial adjustment to the THLB to match the required retention, or explicit spatial modelling of the targets.

13.4 Timber Harvesting Assumptions

13.4.1 Turn Off Cutblock Aggregation

This sensitivity analysis will test the effect of relaxing the requirements for cutblock aggregation at the time of harvest. The aggregation undertaken during data preparation prior to modelling will remain unchanged.

14 References

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Appendix 1 Yield Tables

To be determined. Yield tables will be created after the managed site index is completed.

Appendix 2 Non-Recoverable Loss Estimates (2007)

TFL 8 has good road access virtually throughout, so any occurrence of catastrophic stand damage is both relatively easily detected and accessible for salvage harvesting. Salvage operations may be carried out under amendments to existing cutting authorities, by initiating new cutting permit, under the blanket salvage cutting authority (CP 999) or under the Ministry of Forests Small Scale Salvage program. Stands within the Timber Harvesting Land Base that suffer catastrophic damage and not recovered are usually small, isolated or of marginal quality.

Wildfires

During the past twenty years there has been very low occurrence of large stand destroying fires on TFL8. Most of the fires that do occur are caused by lightning. The vast majority of these are contained and extinguished while less than one hectare in size. These fires generally cause very little mortality and do not result in new openings or revisions to existing forest cover polygons. In consideration of the above, it is assumed that the scattered mortality that does occur, is accounted for in the VDYP yield curves.

Since 1986 there have been six fires on or partly on the TFL larger than one hectare, which resulted in greater tree mortality than described above:

- “Fall” fire in 1986 located in Windfall Creek – the majority of the mortality occurred on Non-productive ground (not within the THLB), however it is estimated that approximately 100 stems on the THLB, with an average volume of 0.60 m³/stem were killed. None of these losses were salvaged.
- In 1988 two fires were accidentally ignited by Mechanical site prep equipment working on CP 5C in Blind Valley and CP 13A in East Trapping Creek. The fires were mostly contained within existing cutblocks and mortality was confined to scattered seedtrees and a very small amount of fringe burn. On CP 5C approximately 50 trees with an average volume of 1.0 m³/stem were killed and on CP 13A approximately 50 stems averaging 2.0 m³/stem died. None of these losses were salvaged.
- “Bea” fire in 1989 originating at a nearby wood processing facility spread onto TFL 8 near Carmi. All timber killed by the fire and damaged along fire access trails was salvaged under the authority of CP 9C.
- Fire #N60564 in 2000 located in Ingram Creek was alleged to have been ignited by industrial activity on CP 7F. Substantial mortality occurred, however all of the merchantable dead and damaged timber has since been salvaged under the authority of CP 7F. Based on cruise compilation comparisons, it is estimated that damage as a consequence of the fire resulted in a loss of approximately 446 m³ of merchantable timber.
- In 2003 Fire #N60174 north of Carmi, ignited within the Boundary TSA and subsequently spread to include a small area on TFL 8. Most of the area within TFL 8 that was affected by the fire was salvaged under CP 10B. A portion of the burned area was not within the THLB (Open Range types or forested types with Es designation). In addition an estimated 250 m³ of merchantable timber within the THLB was not salvaged.
- In the period from 1986 to 2005 the total non-recovered volume loss due to wildfire is estimated at 706 m³ or 35 m³ per year.

Bark Beetles

Due to the cyclical nature of Bark Beetle epidemics it is not appropriate to examine short periods of history to derive estimates of long term future losses. For example TFL 8 experience significant Mountain Pine Beetle attack during the 1980's and early 1990's, and virtually none since that time and none anticipate in the near future.

IBM:

1986 to 1995 - the vast majority of Pine Beetle infested timber was salvage under normal cutting authorities. A temporary A.A.C. uplift was granted by the Chief Forester in 1992 to address significant increases in beetle populations. Despite these efforts it is estimate that approximately 5 hectares/year with 20% mortality on 215 m3/ha remained unsalvaged.

1996 to 2000 – virtually no mountain pine beetle has been detected on TFL 8 between 1996 and 2000. Any incidental endemic attacks during this period are assumed to be accounted for in VDYP yield curves.

2001 to present - isolated incidence of mountain pine beetle started to occur in approximately 2002 but most of these have been addressed in normal CP development. It is estimated that approximately 400 ha/year with 0.25% mortality on stands of 210 m3/ha remained unsalvaged in mixed stands and stands with low priority for salvage.

Long term annual losses are therefore estimated to be: $((10\text{yr} \times 5\text{ha/yr} \times 20\% \times 215\text{m}^3/\text{ha}) + (5\text{yr} \times 400\text{ha/yr} \times 0.25\% \times 210\text{m}^3/\text{ha})) / 20\text{yrs}$ or 160 m3/year.

IBD:

1986 to 1995 – No losses to Douglas Fir Bark Beetle were noted on TFL 8 during this time.

1996 to present – an estimated 5 hectares per year with approximately 10% mortality occurs in stands averaging 250 m3/ha.

Long term annual losses are therefore estimated to be: $(10\text{yrs} \times 5\text{ha} \times 10\% \times 250\text{m}^3/\text{ha}) / 20\text{yrs}$ or 62 m3/year.

IBS:

1986 to 1995 – No losses to Spruce Bark Beetle were noted on TFL 8 during this time.

1996 to present – Small but significant amounts of Spruce Bark Beetle attack began occurring in the late 1990's. Most incidences were associated with minor blowdown events in riparian management areas (not in THLB) an estimated 3 hectares per year with approximately 10% mortality occurs in stands averaging 300 m3/ha.

Long term annual losses are therefore estimated to be: $(10\text{yrs} \times 3\text{ha} \times 10\% \times 300\text{m}^3/\text{ha}) / 20\text{yrs}$ or 45 m3/year.

Windthrow

No major windthrow event has occurred on TFL 8 since the October 16, 1991 storm which damaged hundreds of hectares. Virtually all of this damage was salvaged under normal cutting authorities or the blanket salvage permit, in conjunction with the A.A.C. uplift noted above.

Catastrophic Blowdown:

These losses are limited to isolated damage occurring in scattered patches and ranging in sizes up to 1.0 hectare. They are generally located in inaccessible areas or harvesting is considered uneconomical due to small volumes or marginal timber quality. It is estimated that these occurrences total 1.0 hectares/year at 215 m3/ha.

Non-Catastrophic Blowdown within and adjacent to existing cutblocks:

A portion of in-block blowdown occurs within Wildlife Tree Patches or Riparian Management Areas reserves not included in the THLB. Other portions of in-block blowdown is accounted for in the estimate below of residual seedtrees that do not survive until the next rotation. These losses are limited to in-block residual stems or fringe blowdown. It is estimated that 10 stems per cutblock averaging 0.3 m³/stem are effected on 25 cutblocks per year. Total losses amount to 75 m³/ year.

Non-Catastrophic Blowdown adjacent to new roads:

The majority of blowdown occurring adjacent to roads occurs in the first one to two years following construction as the new cut edge of the right-of-way stabilizes. Any large areas or concentrations of individual trees that blowdown are addressed through our salvage program. It is estimates that approximately 1.0 m³/km of un-salvaged loss occurs on an estimate of 30 km of new road/year. This loss is expected to be reduced over time as the entire TFL becomes roaded. (Similar to the principle of deducting landbase for future roads trails and landings only once per polygon)

Non-Catastrophic Blowdown adjacent to existing roads:

Small and infrequent occurrences of blowdown continue adjacent to old existing roads. Losses are estimated at 0.25 m³/km/year on an existing road network of 1103 km for a total of 276 m³/ year.

Retention Tree Mortality

These losses are limited to seedtrees that do not survive until the next harvest entry in the stand, other than specific wildfire events noted above. Approximately 20 % or five 25 hectare cutblocks per year are harvested with seedtree prescriptions. Typical prescriptions retain 4 to 8 stems/ha averaging 1.0 m³/stem. It is estimated that 10% of these stems do not survive until the next rotation and will not be salvaged because it would be uneconomical or because of risks of damage to new plantations.

Long term annual losses are therefore estimated to be: (5 cutblocks x 25 ha/cutblock x 6 st/ha x 1.0 m³/ha x 10%) or 75 m³/year.

Snow Damage

In December 1996 an winter storm dropped unusually heavy amounts of wet snow followed by freezing cold. The frozen snow and ice that accumulated in tree crowns cause widespread breakage and uprooting of stems. The majority of the damage that occurred on the TFL was salvaged in CP's 7D and 7E. Other small amounts of damaged trees were not recovered because they were small and isolated areas or non-merchantable in size. The damage did not create any new polygons that would not be considered natural openings in the stand. In consideration of the above, it is assumed that the scattered mortality that did occur, is accounted for in the VDYP yield curves.

Floods

There is no history of floods causing stand mortality on the TFL. Therefore it is assumed that any incidental losses that may occur are accounted for in VDYP yield curves.

*Tree Farm Licence 8***Summary**

Damage agent	Total calculated 20Yr loss	Average Annual Loss
Wildfire	906	45
Mountain Pine Beetle	3200	160
Douglas Fir Bark Beetle	1250	63
Spruce Bark Beetle	900	45
Catastrophic Blowdown	4300	215
Non-catastrophic in-block Blowdown	1500	75
Non-catastrophic Blowdown adjacent to new roads	600	30
Non-catastrophic Blowdown adjacent to existing roads	5520	276
Retention Trees	1500	75
Total Non-recovered Losses	19676	984

Melissa Zahn

From: is@rdkb.com
Sent: March-12-18 12:56 PM
To: Theresa Lenardon; Melissa Zahn; Information Services
Subject: Grant-in-Aid Form submitted by Trail Minor Baseball - Little League Provincials Committee, email address - redmteng@telus.net

Online Grant-in-Aid Application**Electoral Area(s) Applied to:**

Electoral Area 'A' Director Ali Grieve, Electoral Area 'B' / Lower Columbia- Old Glory Director Linda Worley

Applicant Information:

Applicant: Trail Minor Baseball - Little League Provincials Committee

Address: 2535 Albert Drive, Trail. V1R4T3

Phone: 250-368-1354

Fax:

Email: redmteng@telus.net

Representative: Mark Morrison

Make Cheque Payable To: Trail Minor Baseball

Other Expenses:

Total Cost of Project: \$approx. \$30,000

Amount Requested from RDKB Director(s): ~~\$\$1000~~ total \$500 approved

What is the Grant-in-Aid for?

Budget Attached - Trail Little League is very excited to host the 2018 BC Little League Provincial

Championships for the 11-12 year old division. The Tournament will see up to 7 Districts represented from across BC, including the host team from our Region. The Tournament will run from July 20th to July 29th 2018 at Andy Bilesky Memorial Park. During the tournament players and families will be staying in the Trail, Rossland, Castlegar and Nelson area for over a week in the summer. We anticipate that this event will bring 300-350 people to our region during this time and they will be lodging, dining and recreating in our area. We are excited to have this opportunity to promote our area, its people, the wonderful parks and facilities, the local businesses that support us.

List of Other Organizations Applied to for Funding

Name of Organization Teck Metals

Amount Requested n/a

Amount Secured 2500

Name of Organization Kalesnikoff Lumber

Amount Requested n/a

Amount Secured 1000

Name of Organization Trail Minor Baseball

Amount Requested 5000

Amount Secured 5000

Documents uploaded with Submission?

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Melissa Zahn

From: is@rdkb.com
Sent: March-19-18 3:51 PM
To: Theresa Lenardon; Melissa Zahn; Information Services
Subject: Grant-in-Aid Form submitted by Village of Montrose - Montrose Recreation Commission, email address - admin@montrose.ca

Online Grant-in-Aid Application**Electoral Area(s) Applied to:**

Electoral Area 'A' Director Ali Grieve

Applicant Information:

Applicant: Village of Montrose - Montrose Recreation Commission

Address: Bo x510 Montrose, BC V0G 1P0

Phone: 250-367-7234

Fax: 250-367-7288

Email: admin@montrose.ca

Representative: Mike Walsh, Montrose Recreation Council Representative

Make Cheque Payable To: Village of Montrose

Other Expenses:

Total Cost of Project: \$\$7,500

Amount Requested from RDKB Director(s): \$\$500

*Approved Director Grieve
03/19/18*

What is the Grant-in-Aid for?

The grant is used for Montrose Family Fun Day being held on June 9, 2018. Hikers of Antennae Trail

receive a free pancake breakfast; helps to keep all the days activities free so that everyone is able to participate.

List of Other Organizations Applied to for Funding

Name of Organization Teck Trail

Amount Requested \$1,000

Amount Secured 0

Name of Organization Fortis

Amount Requested \$1,000

Amount Secured 0

Name of Organization Columbia Basin Trust

Amount Requested \$500

Amount Secured 0

Documents uploaded with Submission?

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Melissa Zahn

From: is@rdkb.com
Sent: March-12-18 12:56 PM
To: Theresa Lenardon; Melissa Zahn; Information Services
Subject: Grant-in-Aid Form submitted by Trail Minor Baseball - Little League Provincials Committee, email address - redmteng@telus.net

Online Grant-in-Aid Application**Electoral Area(s) Applied to:**

Electoral Area 'A' Director Ali Grieve, Electoral Area 'B' / Lower Columbia- Old Glory Director Linda Worley

Applicant Information:

Applicant: Trail Minor Baseball - Little League Provincials Committee

Address: 2535 Albert Drive, Trail. V1R4T3

Phone: 250-368-1354

Fax:

Email: redmteng@telus.net

Representative: Mark Morrison

Make Cheque Payable To: Trail Minor Baseball

Other Expenses:

Total Cost of Project: \$approx. \$30,000

Amount Requested from RDKB Director(s): ~~\$\$\$1000~~ total

Approved Director Worley 03/14/18
\$500 approved

What is the Grant-in-Aid for?

Budget Attached - Trail Little League is very excited to host the 2018 BC Little League Provincial

Championships for the 11-12 year old division. The Tournament will see up to 7 Districts represented from across BC, including the host team from our Region. The Tournament will run from July 20th to July 29th 2018 at Andy Bilesky Memorial Park. During the tournament players and families will be staying in the Trail, Rossland, Castlegar and Nelson area for over a week in the summer. We anticipate that this event will bring 300-350 people to our region during this time and they will be lodging, dining and recreating in our area. We are excited to have this opportunity to promote our area, its people, the wonderful parks and facilities, the local businesses that support us.

List of Other Organizations Applied to for Funding

Name of Organization Teck Metals

Amount Requested n/a

Amount Secured 2500

Name of Organization Kalesnikoff Lumber

Amount Requested n/a

Amount Secured 1000

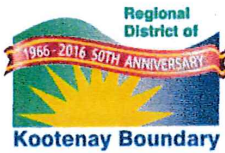
Name of Organization Trail Minor Baseball

Amount Requested 5000

Amount Secured 5000

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 Lenardon, Manager of Corporate Administration/Corporate Officer and Freedom of Information Protection of Privacy Officer at 250-368-9148 or fol@rdkb.com.

Please check all Electoral Area Boxes You Are Making Application To:

<input type="checkbox"/> Electoral Area 'A' Director Ali Grieve	<input checked="" 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 type="checkbox"/> Electoral Area 'E'/ West Boundary Director Vicki Gee
---	--	---	--	---

Applicant:	* <u>West Kootenay Smoked Steel Car Club</u>			
Address:	* <u>254 2nd Ave TRAIL BC V1R 4V3</u>			
Phone:	* <u>250-368-3127</u>	Fax:		E-Mail: * <u>gram2002@telus.net</u>
Representative:	* <u>BEV EDWARDS</u>			
Make Cheque Payable To:	* <u>West Kootenay Smoked Steel Car Club</u>			

*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? \$ 8,000.00 What amount are you requesting from this RDKB Director(s)? \$ 4,000.00

What is the Grant-in-Aid for? (attach an extra sheet if necessary)

<u>For Food, promotion items, giveaways, etc.</u>

Please list all other organizations you have applied to for funding (attach an extra sheet if necessary)

Name of Organization	<u>CB TRUST</u>	Amount Requested: \$	<u>500.00</u>	Amount Secured: \$	<u>500.00</u>
Name of Organization	<u>LORDCO</u>	Amount Requested: \$	<u>1,500.00</u>	Amount Secured: \$	<u>1,500.00</u>
Name of Organization		Amount Requested: \$		Amount Secured: \$	
Date: <u>Mar 18/18</u>	Applicant Signature	<u>Bev Edwards</u>	Print Name	<u>BEV EDWARDS</u>	

Office Use Only

Grant approved by Electoral Area Director:

Approved by Board:

Linda Worley

SUBMIT

Melissa Zahn

From: is@rdkb.com
Sent: February-19-18 2:21 PM
To: Theresa Lenardon; Melissa Zahn; Information Services
Subject: Grant-in-Aid Form submitted by Boundary Country Regional Chamber of Commerce, email address - info@boundarychamber.com

Online Grant-in-Aid Application**Electoral Area(s) Applied to:**

Electoral Area 'C' / Christina Lake Director Grace McGregor, Electoral Area 'D' / Rural Grand Forks Director Roly Russell, Electoral Area 'E' / West Boundary Director Vicki Gee

Applicant Information:

Applicant: Boundary Country Regional Chamber of Commerce

Address: 135 Market Ave- PO box 43 Grand Forks, BC V0H 1H0

Phone: 250-442-7263

Fax:

Email: info@boundarychamber.com

Representative: Kendra Begg- Executive Director

Make Cheque Payable To: BCRCC

Other Expenses:

Total Cost of Project: \$\$30,000

Amount Requested from RDKB Director(s): ~~\$\$5,000~~ each **\$2,500** per *Director McGregor* ~~one~~ *over phone March 13th* *mz*

What is the Grant-in-Aid for?

To host workshops, seminars, networking, and training for all businesses in the Boundary Region. The

mission of the Boundary Regional Chamber of Commerce is to build a strong business network that is focused on:

Promoting the assets of the Boundary

Strengthen business, community development and tourism

Developing a vibrant, healthy and sustainable region

To help all businesses in the Boundary region become stronger and more aware of each other.

The Boundary Business community needs support in order to remain adaptive, sustainable, and innovative. Our members, Councils and RDKB Representatives states the biggest challenge facing small businesses is access to workshops, networking opportunities, and training. The BCRCC focuses on connecting businesses and filling this gap. We host events where business members can showcase their brand to community through volunteer and job fairs, and vendor markets. Mobile businesses that do not have a brick and mortar establishment depend on these fairs and markets to connect with our businesses and their community. The BCRCC works year-round to advocate for business, promote the Boundary Region for tourism, support the shop local initiative and lead by example, and to offer training opportunities for businesses, organizations, and non-profits.

Specifically, we are looking to offer the following workshops to all businesses, organizations, and non-profits in the Boundary region.

1) Co-Op Model- identifying needs and niches in your community and working together to fill this gap.

February 22 in Midway and February 24 in Grand Forks.

2) Marketing- Expense or Investment- a tool kit will be provided so businesses can create a business growth plan, identify their target markets, and compare marketing tools that will best help them realize their goals. Dates TBA in Rock Creek, Midway, Grand Forks, and Christina Lake.

3) Business legals- To Incorporate or not? That is the question. Get advice and information on the different business identities and ways to incorporate your business.

4) Bookkeeping basics- learn how to keep basic records, simple payroll solutions, and who to help reduce your bookkeeping costs. The difference between a bookkeeper and an accountant. Rock Creek, Greenwood, and Christina Lake.

5) Volunteer Fair- Call for Non-profits, organizations, clubs, and committees. Set up a table and we bring the volunteers to you. From event volunteers, team coaches, to Board members. March 23 in Grand Forks, TBA in Rock Creek, TBA in Christina Lake.

6) Vendor markets- the BCRCC is proud to expand our Movies in the Park event to host a vendor market. Families, locals, and tourists are invited to come out, get snacks from our local food vendors, shop the vendor market, and then watch a family fun movie on the big screen! This fun event is free to everyone and helps connect businesses with their community. Create brand awareness, showcase new products or services, and connect with new customers. On-going from Beaverdell to Christina Lake.

In order to ensure we continue to offer these events for 2018 the BCRCC needs your support. Each event will occur throughout the Boundary Region based on request, interest, and space availability. We know it is a barrier for businesses to travel to events and workshops outside of their area so we want to bring them to members in Areas C, D, and E. Therefore, the BCRCC is requesting \$5000 from each RDKB Area C, D, and E for a total of \$15,000. Thank you for your consideration and support.

List of Other Organizations Applied to for Funding

Name of Organization	City of Grand Forks- (2018 Fee for Service Request has been approved through the Budgeting Process)
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Amount Requested \$15,000

Amount Secured \$0

Name of Organization

Amount Requested

Amount Secured

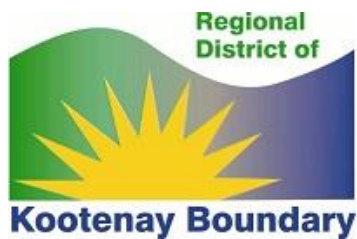
Name of Organization

Amount Requested

Amount Secured

Documents uploaded with Submission?

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**STAFF REPORT**

Date: 16 Mar 2018 **File**
To: **Chair Russell, Finance Liaison
 Director Martin and Members,
 Board**
From: Beth Burget, General Manager of
 Finance
Re: Financial Plan Bylaw 1673

Issue Introduction

A staff report from Beth Burget, General Manager of Finance presenting Financial Plan Bylaw 1673.

History/Background Factors

The March 14, 2018 Board (Finance) included details of budgets/resolutions which were approved at prior RDKB Committees and stakeholder groups. Budgets for Services which were not previously approved at other meetings were approved at the March 14th Board meeting. In addition adjustments to budgets that had been made since the distribution of the Agenda as well as changes to Service 014 were communicated to the Board in the following Services:

- 058 Fire Protection - Kettle Valley
- 054 Fire Protection - Big White
- 014 Electoral Area B/Lower Columbia-Old Glory Regional Parks, Trails and Recreation.

The change which was made to Service 054 - Fire Protection Big White was to remove Capital Equipment - Type 2 Trailer Upgrade \$30,000 and add the same amount as a Transfer to Reserve. No change was made to the Tax Requisition.

The Board was provided with summary financial plan information.

After receiving the referenced material, the Board adopted the following resolution:

"That the Regional District of Kootenay Boundary Board of Directors (Finance) recommends approval of the 2018 - 2022 Five Year Financial Plan as presented.

Implications

The Five Year Financial Plan is required to be adopted by March 31st pursuant to Section 374 of the Local Government Act.

Advancement of Strategic Planning Goals

Overall, the RDKB's 2018 - 2022 Financial Plan has been developed in recognition of, and as much as possible in keeping with the objectives of:

- Exceptional Cost Effective and Efficient Services
- Continuing to Focus on Organizational Excellence
- Improve and Enhance Communication

Background Information Provided

Financial Plan Bylaw 1673, 2018
Budget Summaries by Service

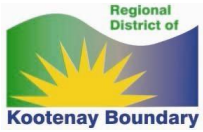
Alternatives

1. Approve

Recommendation(s)

That Regional District of Kootenay Boundary Financial Plan Bylaw No. 1673 be given first, second and third readings.

That Regional District of Kootenay Boundary Financial Plan Bylaw No 1673 be reconsidered and adopted.



BYLAW NO. 1673

A bylaw to adopt a financial plan for the years 2018 to 2022

WHEREAS pursuant to Section 374 of the *Local Government Act*, a Regional District Board must, by bylaw, adopt a financial plan with a planning period of 5 (five) years;

AND WHEREAS the Board has prepared a financial plan for the years 2018 to 2022 that makes provision for expenditures for the fiscal year ending December 31, 2018 estimated in the total amount of Forty Five Million Seven Hundred Fifty Eight Thousand One Dollars (\$45,758,001);

NOW THEREFORE BE IT RESOLVED that the Regional District of Kootenay Boundary Board of Directors in open meeting assembled, enacts as follows:

1. Schedule 'A' attached hereto and made part of this bylaw is hereby declared to be the Financial Plan for the Regional District of Kootenay Boundary for the five-year period 2018 to 2022.
2. This bylaw shall be cited as the "Regional District of Kootenay Boundary Financial Plan Bylaw 1673, 2018".

Read a **FIRST** and **SECOND** time this 27st day of March, 2018.

Read a **THIRD** time this 27st day of March, 2018.

RECONSIDERED and **ADOPTED** this 27st day of March, 2018.

Chair

Manager of Corporate Administration

I, Theresa Lenardon, Manager of Corporate Administration of the Regional District of Kootenay Boundary, do hereby certify the foregoing to be a true and correct copy of Bylaw No. 1673 cited as "Regional District of Kootenay Boundary Financial Plan Bylaw 1673, 2018" as reconsidered and finally adopted by the Regional District of Kootenay Boundary Board of Directors this 21st day of March, 2018.

Manager of Corporate Administration

Bylaw No. 1673
SCHEDULE 'A'

Regional District of Kootenay Boundary
Five Year Financial Plan 2018 - 2022

	2018	2019	2020	2021	2022
LOCAL GOVERNMENT SERVICES:					
REVENUE:					
Requisition from Local Governments	16,670,554	17,787,673	18,172,738	18,259,042	18,336,590
Parcel Tax	40,000	40,000	40,000	40,000	40,000
Grants	3,923,562	3,192,994	3,221,142	3,262,603	3,304,893
Services Provided	540,015	447,420	450,663	453,970	457,344
User Fees	3,351,902	3,053,488	3,063,843	3,073,986	3,083,295
Other Sources of Revenue	1,072,530	225,128	136,711	137,306	202,913
Recovery of Common Costs	108,347	110,514	112,724	114,979	117,278
Board Fee Revenue	667,173	680,516	694,127	708,009	722,170
Transfer From 9-1-1/Emergency Preparedness	115,218	-	-	-	-
Interest Earned on Investments	75,000	71,000	72,020	73,060	74,122
Previous Year's Surplus	2,824,444	-	-	-	-
Transfers From Other Funds:					
Capital Fund	2,368,000	2,930,000	540,000	-	190,000
Reserve Fund	2,273,809	1,006,500	383,500	84,644	122,500
Municipal Debt:					
Municipal Debenture Debt	2,474,576	2,472,518	2,385,473	2,385,473	2,378,192
Total Revenue	36,505,130	32,017,752	29,272,941	28,593,073	29,029,298
EXPENDITURE:					
Other General Government Services	6,920,520	6,693,015	6,700,915	6,809,615	6,972,347
Waste Management	3,452,403	3,301,246	3,337,743	3,374,866	3,412,836
Recreation & Culture	5,348,343	4,812,250	4,886,570	4,943,672	5,025,691
Fire & Protection Services	6,721,162	6,726,524	6,917,494	6,942,668	6,968,757
Capital Expenditures	6,377,876	4,457,356	1,383,693	721,588	1,209,488
Grants to Other Programs	1,888,341	1,364,941	1,277,288	1,279,682	1,282,874
Transfers to Local Governments	455,410	377,044	418,146	397,492	403,858
Transfers to Reserve Funds	1,807,915	533,737	616,881	656,561	751,481
Regional District Debenture Debt:					
Debt Interest	239,060	287,625	292,742	255,718	219,642
Debt Principal	383,069	473,346	572,909	550,666	404,131
Previous Year's Deficit	1,712,760	1,276,305	758,157	275,071	-
Municipal Debenture Debt:					
Debt Interest	1,264,881	1,211,752	1,148,669	1,150,726	1,146,114
Debt Principal	1,209,695	1,260,766	1,236,804	1,234,747	1,232,078
Total Municipal Debenture Debt	2,474,576	2,472,518	2,385,473	2,385,473	2,378,192
Total Expenditure	37,781,435	32,775,909	29,548,012	28,593,073	29,029,298

Bylaw No. 1673
SCHEDULE 'A'

Regional District of Kootenay Boundary
Five Year Financial Plan 2018 - 2022

2018	2019	2020	2021	2022
------	------	------	------	------

WATER UTILITY FUNDS:

REVENUE:

Requisition from Local Governments	19,752	25,329	27,856	28,364	28,881
Parcel Tax	680,500	680,500	680,500	680,500	680,500
Previous Year's Surplus	103,494	-	-	-	-
Transfer From Reserve Fund	208,113	-	-	-	-
Grants	451,835	513	513	513	513
User Fees & Sales	894,827	712,966	716,806	720,726	724,728
Transfer From Capital Fund	-	-	-	-	-
Total Revenue	2,358,521	1,419,308	1,425,675	1,430,103	1,434,622

EXPENDITURE:

Operations & Maintenance	973,173	862,770	889,390	914,325	926,838
Debt Interest	72,033	42,033	20,433	20,433	20,433
Debt Principal	184,146	147,072	63,655	63,655	63,655
Capital Expenditure	1,024,791	105,000	40,000	40,000	40,000
Transfer to Reserve Fund	89,678	262,433	412,197	391,690	383,696
Previous Year's Deficit	14,700	-	-	-	-
Total Expenditure	2,358,521	1,419,308	1,425,675	1,430,103	1,434,622

SEWER UTILITY FUNDS:

REVENUE:

Requisition from Local Governments	1,584,427	2,171,287	1,837,165	1,854,222	1,871,615
Parcel Tax	30,534	27,036	27,831	28,644	29,474
Previous Year's Surplus	563,478	-	-	-	-
Grants	1,061,247	4,000	4,000	4,000	4,000
Services Provided	-	-	-	-	-
User Fees & Sales	151,637	50,918	51,231	51,549	51,872
Transfer From Capital Fund	-	-	-	-	-
Transfer From Reserves	403,713	163,000	-	-	-
Inter-Sewer Fund Transfer	13,209	13,605	14,013	14,434	14,867
Total Revenue	3,808,245	2,429,846	1,934,240	1,952,849	1,971,828

EXPENDITURE:

Operations & Maintenance	1,377,583	1,344,318	1,348,444	1,366,777	1,385,476
Debt Interest	187,200	187,200	187,200	187,200	187,200
Debt Principal	184,854	184,854	184,854	184,854	184,854
Capital Expenditure	1,820,631	600,000	100,000	100,000	100,000
Inter-Sewer Fund Transfer	13,209	13,473	13,743	14,017	14,298
Previous Year's Deficit	-	-	-	-	-
Transfer to Reserve Fund	224,768	100,000	100,000	100,000	100,000
Total Expenditure	3,808,245	2,429,846	1,934,240	1,952,849	1,971,828

TRANSIT UTILITY FUNDS:

REVENUE:

Requisition from Local Governments	1,208,464	1,350,313	1,381,962	1,416,747	1,452,228
Previous Year's Surplus	31,301	-	-	-	-
Grants	2,900	2,900	2,900	2,900	2,900
User Fees & Sales	440,136	439,979	445,800	449,345	453,032
Transfer From Reserves	127,000	-	-	-	-
Total Revenue	1,809,800	1,793,192	1,830,662	1,868,993	1,908,160

EXPENDITURE:

Operations & Maintenance	1,809,800	1,793,192	1,830,662	1,868,993	1,908,160
Transfer to Reserve Fund	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	1,809,800	1,793,192	1,830,662	1,868,993	1,908,160

Bylaw No. 1673
SCHEDULE 'A'

Regional District of Kootenay Boundary
Five Year Financial Plan 2018 - 2022

	2018	2019	2020	2021	2022
TOTAL BUDGET (RDKB) consolidated					
REVENUE:					
Requisition from Local Governments	19,483,197	21,334,602	21,419,721	21,558,376	21,689,314
Parcel Tax	751,034	747,536	748,331	749,144	749,974
Grants	5,439,543	3,200,407	3,228,555	3,270,016	3,312,306
Services Provided	540,015	447,420	450,663	453,970	457,344
User Fees & Other Sources	5,911,032	4,482,479	4,414,391	4,432,913	4,515,841
Recovery of Common Costs	108,347	110,514	112,724	114,979	117,278
Board Fee Revenue	667,173	680,516	694,127	708,009	722,170
Transfer From 9-1-1/Emergency Preparedness	115,218	-	-	-	-
Interest Earned on Investments	75,000	71,000	72,020	73,060	74,122
Previous Year's Surplus	3,522,717	-	-	-	-
Transfers From Other Funds:					
Capital Fund	2,368,000	2,930,000	540,000	-	190,000
Reserve Fund	3,012,635	1,169,500	383,500	84,644	122,500
Inter Sewer Fund Transfer	13,209	13,605	14,013	14,434	14,867
Municipal Debt:					
Municipal Debenture Debt	2,474,576	2,472,518	2,385,473	2,385,473	2,378,192
Total Revenue	44,481,696	37,660,098	34,463,519	33,845,018	34,343,908
EXPENDITURE:					
Other General Government Services	6,920,520	6,693,015	6,700,915	6,809,615	6,972,347
Waste Management	3,452,403	3,301,246	3,337,743	3,374,866	3,412,836
Recreation & Culture	5,348,343	4,812,250	4,886,570	4,943,672	5,025,691
Fire & Protection Services	6,721,162	6,726,524	6,917,494	6,942,668	6,968,757
Water Utilities	973,173	862,770	889,390	914,325	926,838
Sewer Utilities	1,377,583	1,344,318	1,348,444	1,366,777	1,385,476
Transit Services	1,809,800	1,793,192	1,830,662	1,868,993	1,908,160
Capital Expenditures	9,223,298	5,162,356	1,523,693	861,588	1,349,488
Grants to Other Programs	1,888,341	1,364,941	1,277,288	1,279,682	1,282,874
Transfers to Local Governments	455,410	377,044	418,146	397,492	403,858
Transfers to Reserve Funds	2,122,361	896,170	1,129,078	1,148,251	1,235,177
Inter Sewer Fund Transfer	13,209	13,473	13,743	14,017	14,298
Previous Year's Deficit	1,727,459	1,276,305	758,157	275,071	-
Regional District Debenture Debt:					
Debt Interest RDKB	498,293	516,858	500,375	463,351	427,275
Debt Principal RDKB	752,069	805,272	821,418	799,175	652,640
Municipal Debenture Debt:					
Debt Interest Municipal	1,264,881	1,211,752	1,148,669	1,150,726	1,146,114
Debt Principal Municipal	1,209,695	1,260,766	1,236,804	1,234,747	1,232,078
Total Municipal Debenture Debt	2,474,576	2,472,518	2,385,473	2,385,473	2,378,192
Total Expenditure	45,758,001	38,418,255	34,738,590	33,845,018	34,343,908

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 001 A
GENERAL GOVERNMENT SERVICES
LEGISLATIVE AND ADMINISTRATIVE SERVICES

PARTICIPANTS: Grand Forks, Greenwood, Rossland, Trail, Fruitvale,
Midway, Montrose, Warfield, Electoral Areas 'A','B','C','D' & 'E'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 251,398	\$ 250,856	\$ 251,160	\$ 250,639	\$ 251,704
Federal Grant In Lieu	3,000	3,060	3,121	3,184	3,247
Rental - Trail Facilities	150	150	150	150	150
Rent GF Office - Planning	7,323	7,469	7,619	7,771	7,927
Rent GF Office - Building	22,680	22,680	22,680	22,680	22,680
Interest Earned	50,000	51,000	52,020	53,060	54,122
Woodstove Exchange - BC Lung	7,012	-	-	-	-
Miscellaneous Revenue	7,897	7,949	8,001	8,055	8,109
Columbia Basin Trust	17,748	17,748	17,748	17,748	17,748
Recovery of Common Costs	108,347	110,514	112,724	114,979	117,278
Board Fee Revenue	667,173	680,516	694,127	708,009	722,170
Local Government Act - Grant	160,000	160,000	160,000	160,000	160,000
Province of BC CARIP	36,062	36,783	37,519	38,269	39,035
Hydro Generation Grant in Lieu	1,652,224	1,841,268	2,031,094	2,071,716	2,113,150
Previous Year's Surplus	1,281,320	-	-	-	-
Transfer from Reserve	40,000	-	-	-	-
Hospital District Contract	-	-	-	-	-
Total Revenue	\$ 4,312,334	\$ 3,189,995	\$ 3,397,963	\$ 3,456,260	\$ 3,517,320
EXPENDITURE					
Director Remuneration	\$ 293,826	\$ 301,503	\$ 309,333	\$ 315,520	\$ 321,830
Director Travel	53,000	54,060	55,141	56,244	57,369
Directors Expenses	27,000	27,540	28,091	28,653	29,226
Office Supplies - Directors	6,180	6,304	6,430	6,558	6,689
Salaries and Benefits	1,508,888	1,578,976	1,610,971	1,643,191	1,676,055
Labour Relations	8,610	8,722	8,837	8,953	9,072
Travel Expense	20,000	20,400	20,808	21,224	21,649
Staff Development	39,024	30,097	30,426	30,762	31,105
Postage	20,000	20,400	20,808	21,224	21,649
Telephone	36,000	36,720	37,454	38,203	38,968
FCM Dues	6,296	6,422	6,550	6,681	6,815
Advertising	22,200	22,564	22,935	23,314	23,700
Information Technology	267,099	259,884	220,949	236,575	249,932
Office Equipment	7,100	7,700	7,700	7,700	7,700
Office Supplies	30,000	30,600	31,212	31,836	32,473
Building Maintenance	183,152	164,689	167,408	170,181	173,010
Vehicle Operating	33,388	33,561	34,230	34,913	35,609
Equipment Lease Photocopier	23,300	23,300	23,300	23,300	23,300
Equipment Lease Postage Machine	4,192	4,276	4,383	4,448	4,515
Bank Service Charge	42,536	43,274	44,027	44,794	45,577
Legal Fees	70,000	71,400	72,828	74,285	75,770
Consultants Fees	169,600	39,404	26,612	13,824	14,041
External Audit	40,000	40,800	41,616	42,448	43,297
Liability Insurance	55,392	56,500	57,630	58,782	59,958
Property Insurance	15,010	50,310	15,616	15,929	16,247
Capital/Amortization	210,500	120,000	145,000	135,000	15,000
Debt - Principal Payments	-	-	-	-	-
Interest Expense - Short Term	25,000	25,000	25,000	25,000	25,000
Contribution to Reserve	1,032,968	79,968	296,968	310,968	425,968
Woodstove - Coordinator	1,008	-	-	-	-
Woodstove - Rebates Paid	5,250	-	-	-	-
Woodstove - Other Expenses	755	-	-	-	-
Operating Grants Provided	10,000	10,000	10,000	10,000	10,000
Contingencies	45,060	15,621	15,699	15,747	15,796
Total Expenditure	\$ 4,312,334	\$ 3,189,995	\$ 3,397,963	\$ 3,456,260	\$ 3,517,320

REGIONAL DISTRICT OF KOOTENAY BOUNDARY

FIVE YEAR FINANCIAL PLAN

EXHIBIT NO. 001 B

GENERAL GOVERNMENT SERVICES

MFA DEBENTURE DEBT

PARTICIPANTS: Grand Forks, Greenwood, Rossland, Trail, Fruitvale,
Midway, Montrose, Warfield, Electoral Areas 'A','B','C','D' & 'E'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
MFA due from Fruitvale	\$ 122,548	\$ 122,548	\$ 122,548	\$ 122,548	\$ 122,548
MFA due from Grand Forks	205,654	203,597	132,749	132,749	132,749
MFA due from Greenwood	23,478	23,478	7,281	7,281	-
MFA due from Midway	17,997	17,997	17,997	17,997	17,997
MFA due from Montrose	-	-	-	-	-
MFA due from Rossland	671,370	671,370	671,370	671,370	671,370
MFA due from Trail	1,302,668	1,302,668	1,302,668	1,302,668	1,302,668
MFA due from Warfield	130,862	130,862	130,862	130,862	130,862
Total Revenue	<u>2,474,576</u>	<u>2,472,518</u>	<u>2,385,473</u>	<u>2,385,473</u>	<u>2,378,192</u>
EXPENDITURE					
MFA for Debenture Members	\$ 2,474,576	\$ 2,472,518	\$ 2,385,473	\$ 2,385,473	\$ 2,378,192
Total Expenditure	<u>\$ 2,474,576</u>	<u>\$ 2,472,518</u>	<u>\$ 2,385,473</u>	<u>\$ 2,385,473</u>	<u>\$ 2,378,192</u>

SUMMARY OF ANNUAL PAYMENTS:					
Total Interest Paid	1,264,881	1,260,766	1,236,804	1,234,747	1,232,078
Total Principal Paid	1,209,695	1,211,752	1,148,669	1,150,726	1,146,114
Total Annual Payments	<u>\$ 2,474,576</u>	<u>\$ 2,472,518</u>	<u>\$ 2,385,473</u>	<u>\$ 2,385,473</u>	<u>\$ 2,378,192</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 002					
ELECTORAL AREA ADMINISTRATION					
PARTICIPANTS: Electoral Areas 'A','B','C','D', &'E'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 205,146	\$ 271,154	\$ 270,300	\$ 289,528	\$ 338,840
Federal Grant In Lieu	500	500	500	500	500
Community Works (Gas Tax)	250,000	250,000	250,000	250,000	250,000
Miscellaneous Revenue	-	-	-	-	-
Kettle River Watershed Study	-	-	-	-	-
Local Government Act	40,000	40,000	40,000	40,000	40,000
Transfer From Reserves	60,000	10,000	15,000	-	-
Previous Year's Surplus	77,389	-	-	-	-
Total Revenue	\$ 633,035	\$ 571,654	\$ 575,800	\$ 580,028	\$ 629,340
EXPENDITURE					
Salaries & Benefits	\$ 36,342	\$ 37,069	\$ 37,811	\$ 38,567	\$ 39,338
Director's Remuneration	93,640	95,513	97,423	99,372	101,359
Director's Travel	15,821	16,137	16,460	16,789	17,125
Director's Expenses	14,000	14,280	14,566	14,857	15,154
UBCM/FCM Conferences	55,400	55,400	55,400	55,400	55,400
AKBLG Conference	8,500	8,500	8,500	8,500	8,500
Public Communications 'A'	7,000	7,000	7,000	7,000	7,000
Communications 'B' / Lower Columbia/Old Glory	7,000	7,000	7,000	7,000	7,000
Communications 'C' / Christina Lake	7,000	7,000	7,000	7,000	7,000
Communications 'D' / Rural Grand Forks	7,000	7,000	7,000	7,000	7,000
Communications 'E' / West Boundary	7,000	7,000	7,000	7,000	7,000
Elections & Referendums	68,000	10,000	10,000	10,000	55,000
Board Fee	19,206	19,590	19,982	20,382	20,789
Training	7,500	-	-	-	-
AKBLG Membership	3,578	3,578	3,578	3,578	3,578
UBCM Membership	5,463	5,600	5,684	5,769	5,856
Office Supplies	500	500	500	500	500
Vehicle Operation	20,085	20,487	20,896	21,314	21,741
Capital/Amortization	-	-	-	-	-
Gas Tax Projects	250,000	250,000	250,000	250,000	250,000
Contribution To Reserve	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Kettle River Watershed Project	-	-	-	-	-
Contracted Services	-	-	-	-	-
Total Expenditure	\$ 633,035	\$ 571,654	\$ 575,800	\$ 580,028	\$ 629,340

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 003					
GRANTS IN AID					
PARTICIPANTS: Electoral Areas 'A','B','C','D',& 'E'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 240,168	\$ 240,353	\$ 240,542	\$ 240,735	\$ 240,932
Federal Grant in Lieu	-	-	-	-	-
Previous Year's Surplus	70,389	-	-	-	-
Total Revenue	\$ 310,557	\$ 240,353	\$ 240,542	\$ 240,735	\$ 240,932
EXPENDITURE					
Board Fee	\$ 9,268	\$ 9,453	\$ 9,642	\$ 9,835	\$ 10,032
Grants In Aid - Electoral Area 'A'	29,234	30,300	30,300	30,300	30,300
d - EA 'B' / Lower Columbia/Old Glory	23,812	21,900	21,900	21,900	21,900
Grants In Aid - EA 'C' / Christina Lake	76,482	58,300	58,300	58,300	58,300
nts In Aid - EA 'D' / Rural Grand Forks	63,704	37,000	37,000	37,000	37,000
Grants In Aid - EA 'E' / West Boundary	108,058	83,400	83,400	83,400	83,400
Total Expenditure	\$ 310,557	\$ 240,353	\$ 240,542	\$ 240,735	\$ 240,932

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 004
BUILDING INSPECTION

PARTICIPANTS: Electoral Areas 'A','B','C','D',& 'E',
CONTRACTS: Grand Forks, Greenwood, Midway, Warfield, Montrose, Fruitvale, Trail

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Tax Requisition - Municipalities	\$ 353,780	\$ 380,184	\$ 387,276	\$ 411,707	\$ 401,857
Tax Requisition - Electoral Areas	529,580	569,104	579,721	616,292	601,547
Federal Grant In Lieu	1,500	1,500	1,500	1,500	1,500
Bldg and Plumbing Permits	2,500	2,500	2,500	2,500	2,500
Miscellaneous Revenue	500	513	520	528	536
Transfer from Reserve	42,000	42,000	42,000	-	-
Previous Year's Surplus	30,617	-	-	-	-
Total Revenue	\$ 960,477	\$ 995,801	\$ 1,013,518	\$ 1,032,528	\$ 1,007,939
EXPENDITURE					
Salaries & Benefits	\$ 724,273	\$ 777,472	\$ 793,021	\$ 808,882	\$ 825,059
Travel Expense	16,535	16,866	17,203	17,547	17,898
Telephone	14,500	14,790	15,086	15,388	15,695
Board Fee	27,259	27,804	28,360	28,927	29,506
Legal	5,000	5,100	5,202	5,306	5,412
Building Expense	46,978	46,978	46,978	46,978	46,978
Office Equipment	22,260	22,585	22,917	23,255	23,600
Office Supplies	17,830	17,963	18,098	18,236	18,377
Vehicle Maintenance	20,073	20,474	20,884	22,240	21,645
Equipment Lease	3,500	3,500	3,500	3,500	3,500
Capital/Amortization	62,000	42,000	42,000	42,000	-
Previous Year's Deficit	-	-	-	-	-
Equipment Reserve	269	269	269	269	269
Total Expenditure	\$ 960,477	\$ 995,801	\$ 1,013,518	\$ 1,032,528	\$ 1,007,939

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 005					
PLANNING AND DEVELOPMENT					
PARTICIPANTS: Grand Forks, Greenwood, Rossland, Trail, Fruitvale, Midway, Montrose, Warfield, Electoral Areas 'A','B','C','D' & 'E'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Management Development Services	\$ 553,448	\$ 596,379	\$ 608,612	\$ 621,089	\$ 633,816
Fees - Regional Development Services	184,483	198,793	202,871	207,030	211,272
Federal Grant In Lieu	1,000	1,000	1,000	1,000	1,000
Rezoning Fees	10,000	10,200	10,404	10,612	10,824
ALR Commission Appeal Fees	2,000	2,040	2,081	2,122	2,165
House Numbering Recovery	15,000	15,000	15,000	15,000	15,000
Map & Report Sales	1,000	1,020	1,040	1,061	1,082
Miscellaneous Revenue	1,000	1,000	1,000	1,000	1,000
Previous Year's Surplus	45,408	-	-	-	-
Transfer From Reserve	-	-	-	-	-
Planning Agreements	8,840	8,840	8,840	8,840	8,840
Total Revenue	\$ 822,179	\$ 834,273	\$ 850,848	\$ 867,755	\$ 885,000
EXPENDITURE					
Salaries and Benefits	\$ 593,245	\$ 605,110	\$ 617,212	\$ 629,556	\$ 642,147
Travel Expense	13,000	13,260	13,525	13,796	14,072
Public Participation Program	10,000	10,200	10,404	10,612	10,824
Report Reproduction	-	-	-	-	-
Maps	2,500	500	500	500	500
Board Fee	46,136	47,059	48,000	48,960	49,939
Legal Fees	10,000	10,200	10,404	10,612	10,824
Library & Research	7,709	7,863	8,020	8,181	8,344
Operating Contract	43,270	44,135	45,018	45,918	46,837
Advisory Planning Commission	6,000	6,120	6,242	6,367	6,495
Office Building Expense	58,364	59,531	60,722	61,936	63,175
Office Equipment	8,000	8,000	8,160	8,323	8,490
Office Supplies	4,080	4,162	4,245	4,330	4,416
Vehicle Operation	12,875	13,133	13,395	13,663	13,936
Capital/Amortization	-	-	-	-	-
Contribution To Reserve	5,000	5,000	5,000	5,000	5,000
Previous Year's Deficit	-	-	-	-	-
Contingencies	2,000	-	-	-	-
Total Expenditure	\$ 822,179	\$ 834,273	\$ 850,848	\$ 867,755	\$ 885,000

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 006					
FEASIBILITY STUDIES					
PARTICIPANTS: Grand Forks, Greenwood, Rossland, Trail, Fruitvale, Midway, Montrose, Warfield, Electoral Areas 'A','B','C','D' & 'E'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 46,673	\$ 41,490	\$ 41,522	\$ 41,554	\$ 41,588
Federal Grant In Lieu	100	100	100	100	100
Miscellaneous Revenue	40,000	-	-	-	-
Previous Year's Surplus	14,786	-	-	-	-
Total Revenue	\$ 101,559	\$ 41,590	\$ 41,622	\$ 41,654	\$ 41,688
EXPENDITURE					
Board Fee	\$ 1,559	\$ 1,590	\$ 1,622	\$ 1,654	\$ 1,688
Contingencies	100,000	40,000	40,000	40,000	40,000
Prior Year Deficit	-	-	-	-	-
Total Expenditure	\$ 101,559	\$ 41,590	\$ 41,622	\$ 41,654	\$ 41,688

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 008
BOUNDARY ECONOMIC DEVELOPMENT

PARTICIPANTS: Grand Forks, Greenwood, Midway, Electoral Areas 'D' & 'E'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 158,322	\$ 184,809	\$ 133,898	\$ 133,988	\$ 134,079
Federal Grant In Lieu	100	100	100	100	100
Government/Agency Grants	-	-	-	-	-
Miscellaneous Revenue	97,000	39,000	-	-	-
Previous Year's Surplus	6,401	-	-	-	-
Revenue From Reserve	12,000	-	-	-	-
Total Revenue	\$ 273,823	\$ 223,909	\$ 133,998	\$ 134,088	\$ 134,179
EXPENDITURE					
Travel & Conference & Admin	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Contracted Services	61,000	61,000	61,000	61,000	61,000
B.E.D.C. Projects	194,000	144,000	54,000	54,000	54,000
Board Fee	4,323	4,409	4,498	4,588	4,679
Memberships	13,000	13,000	13,000	13,000	13,000
Community Tourism Prgrm Projects	-	-	-	-	-
Contribution To Reserve	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 273,823	\$ 223,909	\$ 133,998	\$ 134,088	\$ 134,179

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 009
POLICE BASED VICTIMS' ASSISTANCE

PARTICIPANTS: Rossland, Trail, Fruitvale, Montrose, Warfield,
Electoral Areas 'A' and 'B'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 65,790	\$ 88,369	\$ 90,904	\$ 93,490	\$ 96,127
Federal Grant In Lieu	150	150	150	150	150
Transferred From Reserve	-	-	-	-	-
Solicitor General Grant	48,665	48,665	48,665	48,665	48,665
Miscellaneous Revenue	6,285	-	-	-	-
Previous Year's Surplus	13,809	-	-	-	-
Total Revenue	\$ 134,699	\$ 137,184	\$ 139,719	\$ 142,305	\$ 144,943
EXPENDITURE					
Salaries & Benefits	\$ 89,633	\$ 91,425	\$ 93,254	\$ 95,119	\$ 97,021
Salaries VAP Relief	25,136	25,638	26,151	26,674	27,208
Travel Expense	4,500	4,590	4,682	4,775	4,871
Telephone	2,880	2,880	2,880	2,880	2,880
Board Fee	1,406	1,434	1,463	1,492	1,522
Training	2,250	2,295	2,341	2,388	2,435
Memberships	355	355	355	355	355
Office Supplies	1,340	1,367	1,394	1,422	1,450
Office Bldg Expense	7,200	7,200	7,200	7,200	7,200
Reserve	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 134,699	\$ 137,184	\$ 139,719	\$ 142,305	\$ 144,943

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 010					
GENERAL GOVERNMENT SERVICES					
REGIONALIZED WASTE MANAGEMENT					
PARTICIPANTS: Grand Forks, Greenwood, Rossland, Trail, Fruitvale, Midway, Montrose, Warfield, Electoral Areas 'A','B','C','D' & 'E'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 1,255,447	\$ 1,255,447	\$ 1,255,447	\$ 1,255,447	\$ 1,255,447
Federal Grant In Lieu	2,000	2,000	2,000	2,000	2,000
Tipping Fees	2,202,637	2,202,637	2,202,637	2,202,637	2,202,637
RDKB Tipping Fees - Organics	10,000	10,000	10,000	10,000	10,000
RDKB Tipping Fees - Garbage	56,000	56,000	56,000	56,000	56,000
GF Garbage & Organics	140,000	140,000	140,000	140,000	140,000
GF Yard & Waste	55,000	55,000	55,000	55,000	55,000
Revenue From Sales	-	-	-	-	-
Materials Recovery	20,000	20,000	20,000	20,000	20,000
Product Care Commission	5,000	5,000	5,000	5,000	5,000
Interest Earned on Investments	25,000	20,000	20,000	20,000	20,000
Multi Material British Columbia	50,000	50,000	50,000	50,000	50,000
Miscellaneous Revenue	5,000	5,000	5,000	5,000	5,000
Previous Year's Surplus	-	-	-	-	-
Revenue From Capital Fund	-	-	-	-	-
Transfer From Reserve	1,158,000	600,000	-	-	-
Total Revenue	\$ 4,984,084	\$ 4,421,084	\$ 3,821,084	\$ 3,821,084	\$ 3,821,084
EXPENDITURE					
Salaries and Benefits	\$ 1,205,013	\$ 1,229,113	\$ 1,253,696	\$ 1,278,769	\$ 1,304,345
Professional Devel./Safety Training	24,985	25,223	25,465	25,712	25,964
Insurance	18,513	18,883	19,261	19,646	20,039
Public Education and Advertising	42,214	32,858	33,516	34,186	34,870
Board Fee	52,580	53,632	54,704	55,798	56,914
Consulting Fees	110,000	-	-	-	-
RDKB Curbside Organics/Garbage	481,615	481,615	481,615	481,615	481,615
RDKB Curbside Garbage	-	-	-	-	-
Recycling Contract - Boundary	105,600	70,600	70,600	70,600	70,600
Recycling Contract - East	113,500	113,500	113,500	113,500	113,500
Site Maintenance - West	29,640	28,060	28,488	28,925	29,370
Site Maintenance - Central	16,857	17,187	17,525	17,765	18,116
Site Maintenance - East	15,878	16,176	16,479	16,789	17,105
Operating Contracts	370,000	370,000	370,000	370,000	370,000
Water Monitoring	70,000	70,000	70,000	70,000	70,000
Safety Equipment & Consumables	20,559	20,970	21,389	21,817	22,254
Equipment Operations	119,453	121,842	124,278	126,764	129,299
Technology Equipment & Supplies	33,805	22,963	23,060	23,158	23,258
Office Building Maintenance	18,743	19,118	19,500	19,890	20,288
Equipment Maintenance	125,658	120,012	122,412	124,860	127,357
Equipment Rentals	1,500	1,530	1,561	1,592	1,624
Beaverdell Trsfer Stn Operations	6,796	6,932	7,071	7,212	7,356
Rock Creek Trsfer Stn Operations	14,531	14,822	15,118	15,420	15,729
Greenwood Landfill Operations	5,000	5,000	5,000	5,000	5,000
Transfer Station Operations	5,926	5,926	5,926	5,926	5,926
Utilities	54,127	54,970	55,829	56,706	57,600
CFC Removal Program	8,000	8,000	8,000	8,000	8,000
Capital - Recycling	140,000	-	-	169,033	597,224
Capital - Landfills	699,000	600,000	-	-	-
Capital - Transfer Stations	319,000	-	-	-	-
Equipment Replacement	-	-	-	-	-
Closure Reserves	-	-	-	-	-
Equipment Reserves	30,000	30,000	30,000	64,824	31,663
Debt Interest	63,000	63,000	63,000	31,500	-
Debt Principal	124,937	124,937	124,937	124,937	-
Provision for Closure/Post-Closure	156,068	156,068	156,068	156,068	156,068
Provision for Contaminated Site Clean-Up	-	-	-	-	-
Previous Year's Deficit	1,657,890	1,276,305	758,157	275,071	-
Contingencies	-	-	-	-	-
Total Expenditure	\$ 6,260,389	\$ 5,179,241	\$ 4,096,155	\$ 3,821,084	\$ 3,821,084
Surplus(Deficit)	- 1,276,305	- 758,157	- 275,071	-	-

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 012
EMERGENCY PREPAREDNESS

PARTICIPANTS: Grand Forks, Greenwood, Trail, Fruitvale,
Midway, Montrose, Warfield, Electoral Areas 'A','B','C','D' & 'E'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 236,613	\$ 250,756	\$ 244,810	\$ 248,961	\$ 253,960
Miscellaneous Revenue	-	-	-	-	-
Emergency Planning Grant	-	-	-	-	-
PEP Grants	100,000	100,000	100,000	100,000	100,000
Federal Grant In Lieu	800	800	800	800	800
Previous Year's Surplus	193,391	-	-	-	-
Capital - Borrowing	-	-	-	-	-
Revenue From Reserve	77,500	-	-	-	-
Total Revenue	\$ 608,304	\$ 351,556	\$ 345,610	\$ 349,761	\$ 354,760
EXPENDITURE					
Salaries & Benefits	\$ 149,699	\$ 151,113	\$ 154,302	\$ 157,559	\$ 160,885
Travel & Conference	4,142	4,225	4,309	4,396	4,483
Vehicle Operating	5,552	5,663	5,776	5,892	6,010
Telephone	1,960	1,999	2,039	2,080	2,122
Radio - Communications	2,600	2,652	2,705	2,759	2,814
Equipment Replacement	2,000	2,040	2,081	2,122	2,165
Advertising & Promotion	2,000	2,000	2,000	2,000	2,000
O.T. Wages - Emergency Response	-	-	-	-	-
PEP Task Claims	100,000	100,000	100,000	100,000	100,000
Board Fee	5,401	5,509	5,619	5,732	5,846
Consulting Fees	5,000	5,000	5,000	5,000	5,000
Staff Education & Training	5,000	5,250	5,513	5,788	6,078
Office Supplies	3,900	1,500	1,500	1,500	1,500
EOC Center Site Costs	38,200	28,295	18,395	18,499	18,609
SPU - Maintenance & Repairs	30,000	3,060	3,121	3,184	3,247
Capital/Amortization	62,500	-	-	-	-
Grants to SARS/ESS Groups	25,000	28,250	28,250	28,250	29,000
Contribution To Reserve	160,350	-	-	-	-
Vehicle Financing	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Contingencies	5,000	5,000	5,000	5,000	5,000
Total Expenditure	\$ 608,304	\$ 351,556	\$ 345,610	\$ 349,761	\$ 354,760

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 014					
REGIONAL PARKS & TRAILS SERVICES - ELECTORAL AREA 'B'					
PARTICIPANT: Electoral Area 'B'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 231,759	\$ 185,303	\$ 187,848	\$ 190,445	\$ 193,093
Federal Grant In Lieu	450	450	450	450	450
Transferred From Reserve	-	-	-	-	-
Previous Year's Surplus	124,846	-	-	-	-
Total Revenue	\$ 357,055	\$ 185,753	\$ 188,298	\$ 190,895	\$ 193,543
EXPENDITURE					
Black Jack Rec Grant	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
Casino Rec Grant	33,000	13,260	13,525	13,796	14,072
Genelle Rec Grant	64,075	42,917	43,775	44,650	45,543
Oasis Rec Grant	98,350	10,557	10,768	10,984	11,203
Paterson Rec Grant	-	-	-	-	-
Rivervale Rec Grant	31,860	6,997	7,137	7,280	7,425
Area 'B' Rec Subsidy Program	40,000	40,800	41,616	42,448	43,297
Other Grants	60,000	-	-	-	-
Board Fee	11,987	12,227	12,471	12,721	12,975
Office Supplies	-	-	-	-	-
Other Recreation Costs	6,503	6,705	6,705	6,705	6,705
Utilities - Electricity	780	790	801	811	822
Contribution to Reserves	9,000	50,000	50,000	50,000	50,000
Previous Year's Deficit	-	-	-	-	-
Contingencies	-	-	-	-	-
Total Expenditure	\$ 357,055	\$ 185,753	\$ 188,298	\$ 190,895	\$ 193,543

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 015
9-1-1 EMERGENCY COMMUNICATIONS

PARTICIPANTS: Grand Forks, Greenwood, Rossland, Trail, Fruitvale,
Midway, Montrose, Warfield, Electoral Areas 'A','B','C','D' & 'E'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition - RDKB	\$ 419,210	\$ 320,975	\$ 332,574	\$ 340,550	\$ 345,753
Contract Revenue - RDCK	95,774	-	-	-	-
Federal Grant In Lieu/Misc Income	750	750	750	750	750
Transfer From Reserves	182,774	-	-	-	-
Previous Year's Surplus	7,617	-	-	-	-
Total Revenue	\$ 706,125	\$ 321,725	\$ 333,324	\$ 341,300	\$ 346,503
EXPENDITURE					
Salaries & Benefits	\$ 139,543	\$ 29,814	\$ 30,560	\$ 31,324	\$ 32,107
Telephone	42,240	13,200	13,200	13,200	13,200
Communications Equipment R&M	72,456	40,979	41,475	41,980	42,496
Equipment Replacement Reserve	-	-	-	-	-
Advertising	750	750	750	750	750
Board Fee	16,799	17,135	17,478	17,827	18,184
Consultant Fees	20,000	-	-	-	-
Staff Development	1,000	1,000	1,000	1,000	1,000
Insurance	173	176	180	184	187
Operating Contracts	184,177	208,671	218,682	225,035	228,579
Office Equipment & Furniture	-	-	-	-	-
Office Supplies	-	-	-	-	-
Capital/Amortization	137,600	10,000	10,000	10,000	10,000
Previous Year's Deficit	-	-	-	-	-
Contingencies	91,387	-	-	-	-
Total Expenditure	\$ 706,125	\$ 321,725	\$ 333,324	\$ 341,300	\$ 346,503

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 017
EAST END ECONOMIC DEVELOPMENT SERVICES

PARTICIPANTS: Fruitvale, Montrose, Rossland, Trail, Warfield, Electoral Areas 'A' and 'B'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 109,909	\$ 111,200	\$ 105,285	\$ 105,371	\$ 105,460
Miscellaneous Revenue	-	-	-	-	-
Transfer From Reserves	-	-	-	-	-
Previous Year's Surplus	1,208	-	-	-	-
Total Revenue	\$ 111,117	\$ 111,200	\$ 105,285	\$ 105,371	\$ 105,460
EXPENDITURE					
Contracted Services	\$ 100,662	\$ 100,662	\$ 100,662	\$ 100,662	\$ 100,662
Board Fee	4,155	4,238	4,323	4,409	4,498
LCCDT Administration	-	-	-	-	-
Consulting Services	6,300	6,300	300	300	300
Contribution to Reserves	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 111,117	\$ 111,200	\$ 105,285	\$ 105,371	\$ 105,460

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 018					
CULTURE ARTS & RECREATION FOR THE LOWER COLUMBIA					
PARTICIPANTS: Rossland, Trail, Fruitvale, Montrose, Warfield, Electoral Areas 'A' & 'B'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 715,910	\$ 750,537	\$ 762,344	\$ 780,595	\$ 684,970
Federal Grant In Lieu	1,700	1,700	1,700	1,700	1,700
Auditorium Rentals	39,500	-	-	-	-
Rental - Gallery	8,661	8,661	8,661	8,661	8,661
Rental Recital Room	2,500	2,500	2,500	2,500	2,500
Rental Multipurpose Room	5,962	5,962	5,962	5,962	5,962
Box Office Revenue	287,000	17,000	17,000	17,000	17,000
College Lease	198,956	198,956	198,956	198,956	198,956
Lease Seniors	13,308	13,308	13,308	13,308	13,308
Miscellaneous Revenue	15,350	15,350	15,350	15,350	15,350
Contract Revenue	3,130	3,193	3,257	3,322	3,388
Contracted Services RDKB Office	93,270	95,136	97,039	98,979	100,959
Janitorial Fees - Selkirk	36,000	36,000	36,000	36,000	36,000
Columbia Basin Trust	497,379	354,973	354,973	354,973	354,973
Previous Year's Surplus	14,320	-	-	-	-
From General Capital Fund	-	-	-	-	-
Contributions From Reserve	146,000	75,000	55,000	40,000	-
Total Revenue	\$ 2,078,947	\$ 1,578,276	\$ 1,572,050	\$ 1,577,306	\$ 1,443,727
EXPENDITURE					
Salaries and Benefits	\$ 503,633	\$ 513,706	\$ 523,980	\$ 534,460	\$ 545,149
Travel & Training	2,000	2,000	2,040	2,081	2,122
Telephone	7,247	7,392	7,540	7,691	7,844
Property Insurance	32,842	33,499	34,169	34,852	35,549
Maintenance Mechanical	21,741	22,176	22,620	23,072	23,533
Maintenance Electrical	10,000	10,200	10,404	10,612	10,824
Office Supplies	2,000	2,040	2,081	2,122	2,165
Building Maintenance	65,500	35,700	36,414	37,142	37,885
Supplies Janitorial - Paper	6,000	6,120	6,242	6,367	6,495
Supplies Janitorial - Cleaners	6,000	6,120	6,242	6,367	6,495
Supplies Janitorial - Tools	4,000	4,080	4,162	4,245	4,330
Uniform Allowance	1,200	1,224	1,248	1,273	1,299
Utilities- Water & Sewer	2,000	2,040	2,081	2,122	2,165
Utilities- Heating Fuel	34,000	34,680	35,374	36,081	36,803
Utilities- Electricity	62,000	63,240	64,505	65,795	67,111
Utilities-Garbage	10,500	10,710	10,924	11,143	11,366
Vehicle Operation - Mileage	6,631	6,764	6,899	7,037	7,178
Board Fee	17,107	17,449	17,798	18,154	18,517
Grants to Recreation Societies	119,411	110,161	110,161	110,161	110,161
Columbia Basin Trust Admin Fee	17,748	17,748	17,748	17,748	17,748
Theatre Manpower	28,250	-	-	-	-
Theatre Materials	5,000	-	-	-	-
Box Office Supplies & Expenses	278,500	75,000	75,000	75,000	75,000
Capital Projects GTC&AC	310,082	201,356	220,193	209,555	59,764
Interest Expense - Short Term	1,192	477	-	-	-
Debt - Principal	40,169	40,169	-	-	-
Vehicle Financing	4,562	-	-	-	-
Trail Memorial Center	-	-	-	-	-
City of Rossland CBT Projects	68,973	51,486	51,486	51,486	51,486
City of Trail CBT Projects	187,974	113,669	113,669	113,669	113,669
Village of Warfield CBT Projects	45,508	34,414	34,414	34,414	34,414
Beaver Valley CBT Projects	131,573	103,242	103,242	103,242	103,242
Electoral Area 'B' CBT Projects	45,603	34,414	34,414	34,414	34,414
Contingencies	-	-	-	-	-
Contribution to Reserve	-	17,000	17,000	17,000	17,000
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 2,078,947	\$ 1,578,276	\$ 1,572,050	\$ 1,577,306	\$ 1,443,727

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 019					
PARKS & TRAILS - BEAVER VALLEY					
PARTICIPANTS: Fruitvale, Montrose, Electoral Area 'A'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 726,796	\$ 766,643	\$ 808,383	\$ 778,429	\$ 843,952
Federal Grant in Lieu	900	918	936	955	974
Federal Government Grant (Rinc)	-	-	-	-	-
User Fees	-	-	-	-	-
User Fees	-	-	-	-	-
From General Capital Fund	40,000	560,000	-	-	-
Transferred From Reserve	100,000	-	-	-	-
Miscellaneous	150,000	-	-	-	-
Previous Year's Surplus	72,747	-	-	-	-
Total Revenue	\$ 1,090,443	\$ 1,327,561	\$ 809,320	\$ 779,384	\$ 844,926
EXPENDITURE					
Village of Fruitvale Recreation	\$ 148,108	\$ 147,070	\$ 151,153	\$ 155,358	\$ 163,188
Beaver Valley Public Library	195,983	201,863	207,919	214,156	220,581
Board Fee	11,987	12,227	12,471	12,721	12,975
Insurance	568	591	591	603	615
Operating Contract	145,000	-	-	-	-
Building Maintenance	-	-	-	-	-
Village of Montrose Recreation	56,065	56,907	58,282	59,489	60,846
Capital Projects	213,000	596,500	23,000	8,500	55,000
Equipment Replacement	10,732	7,226	-	-	-
BV Recreation Subsidy Program	125,000	125,000	125,000	125,000	125,000
Other Grants	35,000	5,100	5,202	5,306	5,412
Contribution to Reserves	12,000	113,000	10,000	10,000	10,000
Municipal Capital Grants	129,000	48,625	85,500	60,000	65,000
Interest Expense	-	5,292	9,878	7,762	5,650
Principal Payments	-	-	112,000	112,000	112,000
Vehicle Financing	8,000	8,160	8,323	8,490	8,659
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 1,090,443	\$ 1,327,561	\$ 809,320	\$ 779,384	\$ 844,926

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 020 011
PARKS & TRAILS - BEAVER VALLEY
BEAVER VALLEY ARENA

PARTICIPANTS: Fruitvale, Montrose, Electoral Area 'A'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 424,750	\$ 376,527	\$ 367,917	\$ 374,631	\$ 382,182
Federal Grant In Lieu	500	500	500	500	500
Skate Sharpening	2,381	2,429	2,477	2,527	2,577
Concession Revenue	46,589	47,520	48,471	49,440	50,429
Photocopying	1,000	1,020	1,040	1,061	1,082
Vending Machine Revenue	2,500	2,550	2,601	2,653	2,706
Ice Surface Rental	111,000	113,220	115,484	117,794	120,150
Admissions Arena	2,485	2,534	2,585	2,637	2,690
Public Skate - Bulk Ticket	-	-	-	-	-
Tiny Tot Lessons	1,035	1,056	1,077	1,098	1,120
Miscellaneous	2,000	2,000	2,000	2,000	2,000
Previous Year's Surplus	-	-	-	-	-
Total Revenue	\$ 594,239	\$ 549,357	\$ 544,153	\$ 554,341	\$ 565,437
EXPENDITURE					
Salaries & Benefits	\$ 297,150	\$ 303,153	\$ 309,337	\$ 315,649	\$ 322,090
Telephone	3,210	3,274	3,340	3,406	3,475
Advertising	1,656	1,690	1,723	1,758	1,793
Board Fee	12,961	13,220	13,485	13,754	14,029
Staff Education & Training	207	1,921	2,695	1,780	1,816
Insurance	9,370	9,557	9,749	9,944	10,142
Building Equip Maintenance	10,000	10,200	10,404	10,612	10,824
Office Equip & Furniture	3,628	1,845	1,882	1,919	1,958
Office Supplies	1,035	1,056	1,077	1,098	1,120
Building Maintenance	19,141	19,524	19,915	20,313	20,719
Janitorial Supplies	6,626	6,759	6,894	7,032	7,172
Concession Supplies	25,000	25,500	26,010	26,530	27,061
Concession Contract	12,942	13,201	13,465	13,734	14,009
Vending Supplies	2,589	2,641	2,694	2,747	2,802
Employee Equip & Uniform	1,500	1,530	1,561	1,861	1,898
Utilities - Sewer & Water	1,800	1,836	1,873	1,910	1,948
Utilities - Heating Fuel	15,000	15,300	15,606	15,918	16,236
Utilities - Electricity	60,000	61,200	62,424	63,672	64,946
Utilities - Refuse	7,000	7,140	7,283	7,428	7,577
Grounds Maintenance	2,500	2,550	2,601	2,653	2,706
Equipment Replacement	30,647	22,596	6,000	6,000	6,000
Zamboni Operation	4,000	4,080	4,162	4,245	4,330
Zamboni Repairs & Maintenance	7,000	7,140	7,283	7,428	7,577
Vehicle Operation & Maintenance	11,641	7,345	7,492	7,641	7,794
Build Equip. - R&M Refridgeration	5,000	5,100	5,202	5,306	5,412
Cashier Contract	-	-	-	-	-
Contribution to Reserve	-	-	-	-	-
Previous Year's Deficit	42,635	-	-	-	-
Loss on Disposal of Assets	-	-	-	-	-
Total Expenditure	\$ 594,239	\$ 549,357	\$ 544,153	\$ 554,341	\$ 565,437

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 020 013
PARKS & TRAILS - BEAVER VALLEY
BEAVER VALLEY RECREATION

PARTICIPANTS: Fruitvale, Montrose, Electoral Area 'A'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 218,711	\$ 208,066	\$ 211,137	\$ 214,290	\$ 218,526
Federal Grant in Lieu	250	250	250	250	250
Marsh Crk. Park Space Rent	5,000	6,000	7,000	8,000	8,000
Equipment Rental	-	-	-	-	-
Adult Programming	15,000	15,300	15,606	15,918	16,236
Youth Programming	10,000	10,200	10,404	10,612	10,824
Miscellaneous	2,139	2,162	2,185	2,209	2,233
Previous Year's Surplus	-	-	-	-	-
Total Revenue	\$ 251,101	\$ 241,978	\$ 246,583	\$ 251,279	\$ 256,070
EXPENDITURE					
Salaries & Benefits	\$ 172,262	\$ 172,617	\$ 176,070	\$ 179,591	\$ 183,183
Telephone	1,761	1,796	1,832	1,869	1,906
Advertising	6,000	6,120	6,242	6,367	6,495
Board Fee	11,987	12,227	12,471	12,721	12,975
Staff Education & Training	-	-	-	-	-
Memberships	518	528	539	550	561
Commission Expense	518	528	539	550	561
Space Rental	4,000	4,080	4,162	4,245	4,330
Office Equipment	4,250	4,250	4,250	4,250	4,250
Office Supplies	725	740	754	769	785
Ground Equip Maintenance	2,400	2,448	2,497	2,547	2,598
Program Supplies - Special Event	10,000	10,200	10,404	10,612	10,824
Program Supplies - Summer	3,500	3,570	3,641	3,714	3,789
Parks - Utilities (Electricity)	3,000	3,060	3,121	3,184	3,247
Parks - Grounds Maintenance	13,500	13,620	13,742	13,867	13,995
Vehicle Operating - Mileage	6,072	6,193	6,317	6,444	6,573
Grants to Other Recreations	-	-	-	-	-
Previous Year's Deficit	10,608	-	-	-	-
Total Expenditure	\$ 251,101	\$ 241,978	\$ 246,583	\$ 251,279	\$ 256,070

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 021					
REGIONAL RECREATION COMMISSION					
GRAND FORKS, AREA 'D'					
PARTICIPANTS: Grand Forks, Electoral Area 'D'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 460,901	\$ 468,060	\$ 472,107	\$ 483,172	\$ 496,050
Federal Grant In Lieu	1,166	1,166	1,166	1,166	1,166
Adult Programs	13,600	13,872	14,149	14,432	14,721
Youth Programs	22,400	22,848	23,305	23,771	24,246
Advertising	-	-	-	-	-
Fitness Programs	-	-	-	-	-
Miscellaneous Revenue	2,000	2,040	2,081	2,122	2,165
Christina Lake Contract	33,354	34,021	34,702	35,396	36,103
From General Capital Fund	-	-	-	-	-
Equipment Replacement Reserve	-	-	-	-	-
Previous Year's Surplus	1,083	-	-	-	-
Total Revenue	\$ 534,504	\$ 542,007	\$ 547,509	\$ 560,059	\$ 574,452
EXPENDITURE					
Salaries & Benefits	\$ 42,792	\$ 43,648	\$ 44,521	\$ 45,411	\$ 46,319
Wages - Administration	95,223	97,098	99,011	100,962	102,952
Aquatic Instructor Wages	276,388	282,764	291,180	299,848	308,777
Contract Instructor Wages	5,308	5,414	5,522	5,633	5,746
Telephone & Communications	8,880	9,058	9,239	9,424	9,612
Advertising Expense	9,000	9,180	9,364	9,551	9,742
Board Fee	11,987	12,227	12,471	12,721	12,975
Grants to Local Organizations	20,000	20,000	20,000	20,000	20,000
Staff Training & Education	10,850	11,100	11,700	11,900	12,100
Property Insurance	63	64	66	67	68
Management Information Systems	11,400	11,572	11,747	11,926	12,109
Membership & Ref Material	1,000	1,020	1,040	1,061	1,082
Rec Commission Expense	750	765	780	796	812
Safety Equipment	500	504	508	512	516
Office Supplies	5,100	5,202	5,306	5,412	5,520
Vehicle Operating	5,508	5,618	5,731	5,845	5,962
Program Supplies	8,000	8,160	8,323	8,490	8,659
Capital/Amortization	5,000	-	-	-	-
Equipment Replacement	8,500	10,500	11,000	10,500	11,500
Contribution to Reserve	-	-	-	-	-
Interest Expense - Short Term	238	96	-	-	-
Debt - Principal	8,017	8,017	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 534,504	\$ 542,007	\$ 547,509	\$ 560,059	\$ 574,452

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 022
REGIONAL RECREATION COMMISSION
GREENWOOD, MIDWAY, AREA 'E'

PARTICIPANTS: Greenwood, Midway, Electoral Area 'E'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 66,623	\$ 64,044	\$ 64,073	\$ 64,102	\$ 64,132
Previous Year's Surplus	393	-	-	-	-
Federal Grant In Lieu	-	-	-	-	-
Total Revenue	\$ 67,016	\$ 64,044	\$ 64,073	\$ 64,102	\$ 64,132
EXPENDITURE					
Board Fee	\$ 1,406	\$ 1,434	\$ 1,463	\$ 1,492	\$ 1,522
Other Programs	20,100	20,100	20,100	20,100	20,100
Grants to Other Recs	10,000	7,000	7,000	7,000	7,000
Midway Arena Grant	22,830	22,830	22,830	22,830	22,830
Greenwood Pool Grant	12,680	12,680	12,680	12,680	12,680
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 67,016	\$ 64,044	\$ 64,073	\$ 64,102	\$ 64,132

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 023
RECREATION COMMISSION
CHRISTINA LAKE

PARTICIPANT: Electoral Area 'C'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 53,328	\$ 58,436	\$ 58,860	\$ 59,290	\$ 59,726
Federal Grant In Lieu	200	200	200	200	200
Adult Programs	13,000	13,160	13,323	13,490	13,659
Youth Programs	3,000	3,060	3,121	3,184	3,247
Miscellaneous Revenue	1,500	1,500	1,500	1,500	1,500
Previous Year's Surplus	9,691	-	-	-	-
Transfer From Reserve	-	-	-	-	-
Total Revenue	\$ 80,719	\$ 76,356	\$ 77,004	\$ 77,663	\$ 78,333
EXPENDITURE					
Wages - Full Time	\$ -	\$ -	\$ -	\$ -	\$ -
Wages - Part Time	6,898	7,036	7,177	7,320	7,467
Contract Wages	11,500	11,600	11,700	11,800	11,900
Board Fee	1,406	1,434	1,463	1,492	1,522
Staff Training & Education	500	510	520	531	541
Commission Expenses	1,561	1,592	1,624	1,656	1,689
Vehicle Operating	-	-	-	-	-
Office Supplies	1,500	1,530	1,561	1,592	1,624
Program Expenses	15,000	15,300	15,606	15,918	16,236
Contribution to Reserve	9,000	4,000	4,000	4,000	4,000
Contracted Services	33,354	33,354	33,354	33,354	33,354
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 80,719	\$ 76,356	\$ 77,004	\$ 77,663	\$ 78,333

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 024
RECREATION FACILITIES
CHRISTINA LAKE

PARTICIPANT: Electoral Area 'C'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Requisition (Parcel Tax)	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Federal Grant in Lieu	-	-	-	-	-
From General Capital Fund	-	-	-	-	-
Previous Year's Surplus	8,406	-	-	-	-
Transfer From Reserve	-	-	-	-	-
Total Revenue	\$ 48,406	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
EXPENDITURE					
Board Fee	\$ 1,406	\$ 1,434	\$ 1,463	\$ 1,492	\$ 1,522
Insurance	825	842	858	875	893
Vehicle Operating	-	-	-	-	-
Contribution to Reserve	3,000	3,500	3,500	3,500	3,500
Debt Interest	-	-	-	-	-
Debt Prinicipal	-	-	-	-	-
Capital/Amortization	-	-	-	-	-
Grants Local Organizations	43,175	34,224	34,179	34,132	34,085
Total Expenditure	\$ 48,406	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 025
GRAND FORKS COMMUNITY CENTRE

PARTICIPANT: Electoral Area 'D'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ -	\$ -	\$ -	\$ -	\$ -
Grant In Lieu	-	-	-	-	-
Miscellaneous Income	-	-	-	-	-
Previous Year's Surplus	-	-	-	-	-
Total Revenue	\$ -	\$ -	\$ -	\$ -	\$ -
EXPENDITURE					
Board Fee	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Contracts	-	-	-	-	-
Contingency	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ -	\$ -	\$ -	\$ -	\$ -

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 026
BOUNDARY MUSEUM SERVICE

PARTICIPANTS: Electoral Areas 'C' & 'D'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 29,960	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
Federal Grant In Lieu	-	-	-	-	-
Previous Year's Surplus	40	-	-	-	-
Total Revenue	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
EXPENDITURE					
Board Fee	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Contracts	30,000	30,000	30,000	30,000	30,000
Contingencies	-	-	-	-	-
Total Expenditure	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 027
AREA "C" REGIONAL PARKS AND TRAILS

PARTICIPANT: Electoral Area "C"

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 298,780	\$ 552,355	\$ 416,114	\$ 336,865	\$ 337,644
Federal Grant In Lieu	972	972	972	972	972
Provincial Grants	615,000	-	-	-	-
Transfer From Reserves	190,000	-	-	-	-
Miscellaneous Revenue	329,000	50,000	-	-	-
Previous Year's Surplus	26,144	-	-	-	-
From General Capital Fund	183,000	-	-	-	-
Total Revenue	\$ 1,642,897	\$ 603,327	\$ 417,086	\$ 337,837	\$ 338,616
EXPENDITURE					
Salaries & Wages	\$ 44,865	\$ 45,672	\$ 46,495	\$ 47,335	\$ 48,192
Board Fee	7,625	7,778	7,933	8,092	8,254
Insurance	990	1,010	1,030	1,051	1,072
Vehicle Operating	6,509	5,229	5,315	5,403	5,493
Commission Expenses	-	-	-	-	-
Maintenance & Repairs	8,000	8,000	8,000	8,000	8,000
Capital	1,293,000	215,000	50,000	-	-
Equipment Replacement	7,153	4,463	2,500	2,500	2,500
Grants To Local Organizations	48,500	48,500	48,500	48,500	48,500
Contribution to Reserve	-	-	-	-	-
Stewardship Society	36,606	36,928	37,257	37,592	37,934
Park Security	17,000	17,000	17,000	17,000	17,000
Parks & Trails	119,300	122,300	102,300	72,300	72,300
C.L. Solar Aquatic System	17,500	17,500	17,500	17,500	17,500
Contracted Services	34,119	34,119	34,119	34,119	34,119
Interest Expense - Short Term	1,730	3,229	2,537	1,845	1,153
Debt - Principal	-	36,600	36,600	36,600	36,600
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 1,642,897	\$ 603,327	\$ 417,086	\$ 337,837	\$ 338,616

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 028
BEAVERDELL RECREATION SERVICES - SPECIFIED AREA 'E'

PARTICIPANT: Electoral Area 'E' Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 19,950	\$ 19,950	\$ 19,950	\$ 19,950	\$ 19,950
Total Revenue	\$ 19,950	\$ 19,950	\$ 19,950	\$ 19,950	\$ 19,950
EXPENDITURE					
Grants to Local Organizations	\$ 19,950	\$ 19,950	\$ 19,950	\$ 19,950	\$ 19,950
Total Expenditure	\$ 19,950	\$ 19,950	\$ 19,950	\$ 19,950	\$ 19,950

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 030					
GRAND FORKS ARENA					
PARTICIPANTS: Grand Forks & Electoral Area 'D'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 444,318	\$ 446,581	\$ 432,043	\$ 447,681	\$ 449,679
Federal Grant In Lieu	1,300	1,300	1,300	1,300	1,300
Admissions Arena	16,785	16,785	17,121	17,463	17,812
Facility Rental Arena	96,641	100,310	102,316	104,363	106,450
Miscellaneous Revenue	3,500	3,500	3,500	3,500	3,500
Previous Year's Surplus	49,943	-	-	-	-
From General Capital Fund	-	-	-	-	125,000
Transfer From Reserves	56,640	-	70,000	-	100,000
Total Revenue	\$ 669,127	\$ 568,476	\$ 626,280	\$ 574,306	\$ 803,742
EXPENDITURE					
Salaries - Full Time	\$ 54,441	\$ 55,797	\$ 57,459	\$ 59,172	\$ 60,935
Wages - Full Time	182,853	186,510	190,240	194,045	197,926
Wages - Administration	50,631	51,643	52,676	53,730	54,804
Wages - Part Time	20,000	20,400	20,808	21,224	21,649
Radio Licence	-	-	-	-	-
Board Fee	11,645	11,878	12,115	12,358	12,605
Contracted Services	42,000	17,000	17,000	17,000	17,000
Insurance	12,666	12,919	13,178	13,441	13,710
Occ Health & Safety	6,250	6,406	6,502	6,600	6,699
Building Maintenance	37,480	27,850	28,227	28,611	29,004
Janitorial Supplies	7,500	7,650	7,803	7,959	8,118
Utilities - Water & Sewer	1,200	1,224	1,248	1,273	1,299
Utilities - Fuel	10,000	10,200	10,404	10,612	10,824
Utilities - Electricity	73,000	74,460	75,949	77,468	79,018
Utilities - Refuse	2,100	2,142	2,185	2,229	2,273
Grounds Maintenance	8,120	8,282	8,448	8,617	8,789
Capital/Amortization	46,640	-	70,000	-	225,000
Equipment Replacement	22,100	3,000	5,500	13,000	5,500
Zamboni Operation	9,500	9,690	9,884	10,081	10,283
Maintenance Refrigeration Plant	41,200	11,424	11,652	11,886	12,123
Interest Expense - Short Term	249	-	-	-	1,182
MFA Principal - LUA	14,552	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Reserve Account	15,000	50,000	25,000	25,000	25,000
Total Expenditure	\$ 669,127	\$ 568,476	\$ 626,280	\$ 574,306	\$ 803,742

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 031
GRAND FORKS CURLING RINK

PARTICIPANTS: Grand Forks, Electoral Areas 'C' & 'D'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 43,750	\$ 43,750	\$ 43,750	\$ 43,750	\$ 54,688
Grant In Lieu	100	100	100	100	100
Miscellaneous Revenue	-	-	-	-	65,000
GF Curling Rink Rental	2,500	2,500	2,500	2,500	2,500
From General Capital Fund	-	-	-	-	65,000
Transfer From Reserve	6,101	-	-	2,144	-
Previous Year's Surplus	7,829	-	-	-	-
Total Revenue	\$ 60,280	\$ 46,350	\$ 46,350	\$ 48,494	\$ 187,288
EXPENDITURE					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Board Fee	2,263	2,308	2,354	2,402	2,450
Insurance	5,939	5,939	5,939	5,939	5,939
Building Maintenance	11,480	10,930	19,980	20,980	13,980
Capital/Amortization	-	-	-	-	130,000
Reserves	-	-	2,144	-	16,081
Interest Expense - Short	1,339	850	1,043	1,290	958
Debt Interest	-	-	-	-	-
Debt Principal	26,228	26,228	14,800	17,800	17,800
Previous Year's Deficit	-	-	-	-	-
Contingencies	13,031	95	90	83	80
Total Expenditure	\$ 60,280	\$ 46,350	\$ 46,350	\$ 48,494	\$ 187,288

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 040
GRAND FORKS AQUATIC CENTRE

PARTICIPANT: Grand Forks, Electoral Area 'D'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 623,975	\$ 656,384	\$ 742,805	\$ 727,036	\$ 703,614
Federal Grant In Lieu	1,864	1,864	1,864	1,864	1,864
Admissions Aquatic Centre	128,000	129,280	130,573	131,879	133,197
Facility Rental Aquatic Centre	27,500	27,775	28,053	28,333	28,617
Retail Sales Aquatic Centre	6,800	6,800	7,283	7,392	7,503
From General Capital Fund	-	350,000	-	-	-
Transferred From Reserves	2,394	150,000	-	-	-
Miscellaneous Revenue	14,394	-	-	-	-
Previous Year's Surplus	16,140	-	-	-	-
Total Revenue	\$ 821,067	\$ 1,322,103	\$ 910,577	\$ 896,504	\$ 874,795
EXPENDITURE					
Salaries & Benefits	\$ 18,287	\$ 18,664	\$ 19,045	\$ 19,430	\$ 19,823
Wages Full-Time	345,169	352,028	359,024	366,159	373,438
Wages - Administration	25,315	25,548	26,056	26,574	27,103
Wages Part-time	-	-	-	-	-
Board Fee	15,771	16,086	16,408	16,736	17,071
Contracted Building Maintenance	45,073	20,424	20,782	21,148	21,521
Insurance	6,320	6,446	6,575	6,707	6,841
Occ Health & Safety	4,070	4,090	4,111	4,132	4,154
Building Maintenance	24,350	24,790	25,239	25,697	26,164
Janitorial Supplies	2,800	2,856	2,913	2,971	3,031
Pool Chemicals	11,800	12,036	12,277	12,522	12,773
Retail Supplies	2,040	2,081	2,122	2,165	2,208
Clothing Allowance	2,530	2,581	2,632	2,685	2,739
Utilities - Water & Sewer	2,400	2,448	2,497	2,547	2,598
Utilities - Fuel	38,500	39,270	40,055	40,857	41,674
Utilities - Electricity	72,500	73,950	75,429	76,938	78,476
Utilities - Refuse	1,000	1,020	1,040	1,061	1,082
Grounds Maintenance	2,000	2,040	2,081	2,122	2,165
Capital/Amortization	32,288	522,500	37,500	37,500	7,500
Equipment Replacement	2,500	5,000	17,500	5,000	2,500
Contribution to Reserve	1,500	20,000	20,000	20,000	20,000
Interest Expense - Short Term	1,303	4,695	7,666	5,929	4,312
Debt Interest	77,250	77,250	77,250	77,250	77,250
Debt Principal	86,300	86,300	132,373	120,373	120,373
Contingency	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 821,067	\$ 1,322,103	\$ 910,577	\$ 896,504	\$ 874,795

FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 045					
ELECTORAL AREA 'D' - REGIONAL PARKS & TRAILS SERVICE					
PARTICIPANT: Electoral Area 'D'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 45,779	\$ 59,145	\$ 59,188	\$ 59,232	\$ 59,276
Federal Grant in Lieu	-	-	-	-	-
Miscellaneous Revenue	240,000	-	-	-	-
From General Capital Fund	-	-	-	-	-
Revenue From Reserves	-	-	-	-	-
Previous Year's Surplus	21,824	-	-	-	-
Total Revenue	\$ 307,603	\$ 59,145	\$ 59,188	\$ 59,232	\$ 59,276
EXPENDITURE					
Board Fee	\$ 1,406	\$ 1,434	\$ 1,463	\$ 1,492	\$ 1,522
Insurance	697	711	725	740	754
Operating Contracts	32,000	32,000	32,000	32,000	32,000
Capital	190,000	-	-	-	-
Grants to Other Organizations	10,000	10,000	10,000	10,000	10,000
Contribution To Reserves	13,500	5,000	5,000	5,000	5,000
Interest Expense - Short Term	-	-	-	-	-
Debt Principal	-	-	-	-	-
Contingencies	60,000	10,000	10,000	10,000	10,000
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 307,603	\$ 59,145	\$ 59,188	\$ 59,232	\$ 59,276

FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 047					
HERITAGE CONSERVATION - AREA 'D'					
PARTICIPANT: Electoral Area 'D'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 6,309	\$ 10,039	\$ 10,120	\$ 10,202	\$ 10,286
Federal Grant in Lieu	-	-	-	-	-
Miscellaneous Revenue	10,000	-	-	-	-
Revenue From Reserves	-	-	-	-	-
Previous Year's Surplus	5,451	-	-	-	-
Total Revenue	\$ 21,760	\$ 10,039	\$ 10,120	\$ 10,202	\$ 10,286
EXPENDITURE					
Board Fee	\$ 1,406	\$ 1,434	\$ 1,463	\$ 1,492	\$ 1,522
Property Insurance	1,297	1,323	1,349	1,376	1,404
Operating Contracts	5,000	5,000	5,000	5,000	5,000
Utilities	1,257	1,282	1,308	1,334	1,361
Capital	-	-	-	-	-
Contribution To Reserves	-	-	-	-	-
Contingencies	12,800	1,000	1,000	1,000	1,000
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 21,760	\$ 10,039	\$ 10,120	\$ 10,202	\$ 10,286

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 050					
REGIONALIZED FIRE PROTECTION - EAST END					
PARTICIPANTS: Rossland, Trail, Fruitvale, Montrose, Warfield, Electoral Areas 'A' & 'B'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 3,490,903	\$ 3,864,633	\$ 4,157,092	\$ 4,120,113	\$ 4,096,701
Federal Grant In Lieu	8,086	8,086	8,086	8,086	8,086
Miscellaneous Revenue	1,151	1,174	1,198	1,221	1,246
Transfer From 9-1-1	115,218	-	-	-	-
Transfer From Emergency Preparedness	-	-	-	-	-
Ambulance Services Rent	7,848	8,005	8,165	8,328	8,495
Ross Spur Protection Agreement	14,029	14,310	14,596	14,888	15,185
Hydro Generation Grant in Lieu	300,000	150,000	-	-	-
From Reserve	-	-	-	-	-
Previous Year's Surplus	157,832	-	-	-	-
From General Capital Fund	-	1,000,000	540,000	-	-
Total Revenue	\$ 4,095,067	\$ 5,046,207	\$ 4,729,136	\$ 4,152,637	\$ 4,129,714
EXPENDITURE					
Salaries - Chief, Asst. Chief, Dispatcher	\$ 177,162	\$ 187,753	\$ 192,421	\$ 197,206	\$ 202,109
Salaries - Career	2,230,784	2,286,493	2,343,595	2,402,125	2,462,118
Wages - Volunteers	53,000	53,000	53,000	53,000	53,000
Training/Seminars/Visual Aids	246,775	220,366	224,773	229,268	233,854
District Fire Chiefs & Asst. Chiefs	17,500	17,500	17,500	17,500	17,500
Uniform/Clothing Allowance	33,088	33,550	34,021	34,501	34,991
Medicals	1,561	3,362	1,624	3,498	1,689
Office Supplies	5,177	5,280	5,386	5,493	5,603
Subscriptions	1,523	1,553	1,585	1,616	1,649
Shop Supplies	14,449	14,737	15,032	15,333	15,640
Insurance	-	-	-	-	-
Volunteer Benefits & Insurance	27,568	28,119	28,681	29,255	29,840
Insurance - Building	11,708	11,942	12,181	12,425	12,673
Insurance Vehicle	28,881	29,459	30,048	30,649	31,262
Board Fee	116,083	118,405	120,773	123,188	125,652
Telephone - Companies	46,025	38,258	38,903	39,561	40,232
Utilities - Water & Sewer	2,199	2,243	2,288	2,333	2,380
Utilities - Heating Fuel	18,842	19,219	19,603	19,995	20,395
Utilities - Electricity	25,933	26,451	26,980	27,520	28,070
Memberships	6,316	6,442	6,571	6,703	6,837
Fire Prevention	14,600	14,892	15,190	15,494	15,804
Memberships	-	-	-	-	-
Safety Equipment Replacement & Rep.	17,500	17,850	18,207	18,571	18,943
Safety Equipment	21,715	27,129	30,552	28,983	30,423
Communication Equipment R & M	17,045	17,386	17,734	18,088	18,450
Equipment Replacement	76,300	77,826	79,383	80,970	82,590
SCBA Tests and Repairs	32,948	16,258	16,349	16,441	16,534
Building Maintenance	88,028	89,905	91,609	93,041	94,502
First Responder Supplies	16,850	17,187	17,531	17,881	18,239
Fire Extinguisher Agents	4,858	4,955	5,054	5,155	5,258
Janitorial Supplies	7,200	7,344	7,491	7,641	7,794
Fire Hose	13,000	13,260	13,525	13,796	14,072
Vehicle Financing	401,898	520,720	588,638	484,918	379,514
Vehicle Maintenance	65,063	66,364	67,691	69,045	70,426
Hydrant Maintenance Fees	87,376	-	-	-	-
Professional Fees	5,000	-	-	-	-
Conventions	5,100	5,202	5,306	5,412	5,520
Travel/Mileage	5,684	5,798	5,914	6,032	6,153
Contingencies	5,000	10,000	10,000	10,000	10,000
Capital/Amortization	57,500	1,020,000	554,000	-	-
Equipment and General Reserve	87,832	10,000	10,000	10,000	10,000
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 4,095,067	\$ 5,046,207	\$ 4,729,136	\$ 4,152,637	\$ 4,129,714

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REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 051					
FIRE PROTECTION AREA 'C' - CHRISTINA LAKE					
PARTICIPANT: Christina Lake Fire Protection Specified Area					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 354,329	\$ 418,840	\$ 426,139	\$ 431,969	\$ 441,169
Federal Grant In Lieu	900	900	900	900	900
Miscellaneous Revenue	100	100	100	100	100
Contribution From Reserve	-	-	-	-	-
Previous Year's Surplus	57,150	-	-	-	-
Total Revenue	\$ 412,478	\$ 419,840	\$ 427,139	\$ 432,969	\$ 442,169
EXPENDITURE					
Salaries - Chief	\$ 77,500	\$ 79,050	\$ 80,631	\$ 80,631	\$ 83,888
Insurance	44,638	45,531	46,441	47,370	48,318
Office Supplies	10,900	11,118	11,340	11,567	11,799
Wages Volunteers	67,678	69,031	70,412	71,820	73,256
Uniform Allowance	8,200	8,364	8,531	8,702	8,876
Travel	17,000	17,340	17,687	18,041	18,401
Board Fee	14,228	14,513	14,803	15,099	15,401
Training/Seminars	20,300	20,706	21,120	21,543	21,973
Membership & Ref. Material	1,500	1,530	1,561	1,592	1,624
Contribution To Reserve	15,000	15,000	15,000	15,000	15,000
Debt - Interest	11,900	11,900	11,900	11,900	11,900
Debt - Principal	17,480	17,480	17,480	17,480	17,480
Vehicle Financing	-	-	-	-	-
Contingencies	10,000	10,200	10,404	10,612	10,824
Telephone	6,200	6,324	6,450	6,579	6,711
Building Maintenance	10,400	10,608	10,820	11,037	11,257
Building Maintenance - grounds	3,950	4,029	4,110	4,192	4,276
Utilities - Heating Fuel	4,000	4,080	4,162	4,245	4,330
Utilities - Electricity	5,350	5,457	5,566	5,677	5,791
Capital/Amortization	-	-	-	-	-
Communication Equipment R&M	10,353	10,560	10,771	10,987	11,206
Vehicle Operating	41,206	42,030	42,660	43,300	43,950
Shop Supplies	14,696	14,990	15,290	15,596	15,907
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 412,478	\$ 419,840	\$ 427,139	\$ 432,969	\$ 442,169

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 053
FIRE PROTECTION AREA 'E' - BEAVERDELL

PARTICIPANTS: Beaverdell Fire Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 53,021	\$ 64,260	\$ 64,289	\$ 64,318	\$ 64,348
Miscellaneous Revenue	13,800	-	-	-	-
Revenue From Equipment Reserve	-	-	-	-	-
Previous Year's Surplus	12,177	-	-	-	-
Total Revenue	\$ 78,998	\$ 64,260	\$ 64,289	\$ 64,318	\$ 64,348
EXPENDITURE					
Volunteer Honoraria & Benefits	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Travel & Vehicles	3,500	3,500	3,500	3,500	3,500
Communications	5,000	5,000	5,000	5,000	5,000
Memberships, Professional Fees	900	900	900	900	900
Board Fee	1,406	1,434	1,463	1,492	1,522
Training	7,000	7,000	7,000	7,000	7,000
Insurance	7,088	7,088	7,088	7,088	7,088
Volunteer Recognition/Awards	500	500	500	500	500
Building Maintenance	4,000	4,000	4,000	4,000	4,000
Firefighting Equipment & Safety	7,000	7,000	7,000	7,000	7,000
Dry Hydrant	1,000	1,000	1,000	1,000	1,000
Office Supply & Expense	1,000	1,000	1,000	1,000	1,000
Vehicle/Equipment Maintenance	9,000	9,000	9,000	9,000	9,000
Capital / Amortization	14,766	-	-	-	-
Contribution To Equipment Reserve	1,000	1,000	1,000	1,000	1,000
Debt - Interest	9,675	9,675	9,675	9,675	9,675
Debt - Principal	5,163	5,163	5,163	5,163	5,163
Contingency	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 78,998	\$ 64,260	\$ 64,289	\$ 64,318	\$ 64,348

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 054
FIRE PROTECTION AREA 'E' - BIG WHITE

PARTICIPANT: Big White Fire Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 1,023,219	\$ 1,092,298	\$ 1,173,057	\$ 1,214,277	\$ 1,255,969
Federal Grant in Lieu	-	-	-	-	-
Miscellaneous Revenue	10,000	7,000	7,000	7,000	7,000
Fuel Recoveries	8,500	-	-	-	-
Previous Year's Surplus	148,666	-	-	-	-
Revenue From Capital Fund	-	1,020,000	-	-	-
From Equipment Reserve	60,000	100,000	40,000	20,000	-
Total Revenue	\$ 1,250,386	\$ 2,219,298	\$ 1,220,057	\$ 1,241,277	\$ 1,262,969
EXPENDITURE					
Salaries - Officers	\$ 378,780	\$ 386,355	\$ 394,082	\$ 401,964	\$ 410,003
Wages & Benefits - Volunteers	105,746	107,861	110,019	112,219	114,463
Work Experience Program	36,312	37,038	37,779	38,535	39,305
Uniform Allowance	8,200	8,200	8,200	8,200	8,200
First Responder Program	20,000	20,400	20,808	21,224	21,649
Training/Seminars	32,850	33,447	34,056	34,677	35,311
Fire Prevention	7,500	7,650	7,803	7,959	8,118
Office Supplies	13,192	13,410	13,632	13,859	14,090
Membership & Reference Materials	2,000	2,040	2,081	2,122	2,165
Shop Supplies	6,000	6,120	6,242	6,367	6,495
Telephone	7,800	7,956	8,115	8,277	8,443
Utilities - Water & Sewer	3,000	3,060	3,121	3,184	3,247
Utilities - Electricity	38,000	38,760	39,535	40,326	41,132
SCBA Tests and Repairs	17,124	17,466	17,815	18,172	18,535
Building Maintenance	32,800	32,416	33,044	33,685	34,339
Communication Equipment R&M	12,050	12,291	12,537	12,788	13,043
Insurance	4,080	4,162	4,245	4,330	4,416
Board Fees	13,417	13,685	13,959	14,238	14,523
Safety Equipment	33,500	34,170	34,853	35,550	36,261
Vehicle Maintenance	79,881	69,239	70,623	72,036	73,477
Contracted Services	2,500	2,538	2,576	2,614	2,653
Hydrant Maintenance Fees	94,567	97,404	100,326	103,336	106,436
Travel/Mileage	8,300	8,416	8,534	8,655	8,778
Meetings	12,500	13,085	13,698	14,341	15,014
Contingencies	11,891	12,129	12,371	12,619	12,871
Debt - Interest	-	-	-	-	-
Debt - Principal	-	-	-	-	-
Vehicle Financing	-	210,000	210,000	210,000	210,000
Capital/Amortization	90,000	1,020,000	-	-	-
Contribution To Reserve	178,396	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 1,250,386	\$ 2,219,298	\$ 1,220,057	\$ 1,241,277	\$ 1,262,969

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 055
MIDWAY & BEAVERDELL EMERGENCY RESPONSE SERVICE

PARTICIPANTS: City of Greenwood, Village of Midway, Electoral Area 'E'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ (10,605)		\$ -	\$ -	\$ -
Federal Grant in Lieu	-	-	-	-	-
Miscellaneous Income	-	-	-	-	-
Previous Year's Surplus	10,605	-	-	-	-
Total Revenue	\$ -	\$ -	\$ -	\$ -	\$ -
EXPENDITURE					
Operating Grants	\$ -	\$ -	\$ -	\$ -	\$ -
Previous Year's Deficit	-	-	-	-	-
Contingencies	-	-	-	-	-
Total Expenditure	\$ -	\$ -	\$ -	\$ -	\$ -

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 056
FIRE PROTECTION - GREENWOOD FIRE EXPANSION SERVICE

PARTICIPANT: Electoral Area 'E' Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 23,406	\$ 23,434	\$ 23,463	\$ 23,492	\$ 23,522
Miscellaneous Revenue	-	-	-	-	-
Revenue From Equipment Reserve	-	-	-	-	-
Previous Year's Surplus	-	-	-	-	-
Total Revenue	\$ 23,406	\$ 23,434	\$ 23,463	\$ 23,492	\$ 23,522
EXPENDITURE					
Contracted Fire Service	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000
Board Fee	1,406	1,434	1,463	1,492	1,522
Transfer To Reserves	-	-	-	-	-
Contingency	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 23,406	\$ 23,434	\$ 23,463	\$ 23,492	\$ 23,522

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 057					
FIRE PROTECTION - GRAND FORKS RURAL FIRE SERVICE					
PARTICIPANT: Electoral Area 'D' Specified Area					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Tax - EA 'D' / Rural Grand Forks	\$ 364,360	\$ 525,177	\$ 523,664	\$ 523,280	\$ 527,029
Federal Grant in Lieu	-	-	-	-	-
Interest Earned on Investments	-	-	-	-	-
Province of BC - Misc. Revenue	-	-	-	-	-
From General Capital Fund	1,805,000	-	-	-	-
Transfer From Reserves	-	-	130,000	-	-
Previous Year's Surplus	59,952	-	-	-	-
Total Revenue	\$ 2,229,311	\$ 525,177	\$ 653,664	\$ 523,280	\$ 527,029
EXPENDITURE					
Board Fee	\$ 14,110	\$ 14,392	\$ 14,680	\$ 14,974	\$ 15,273
Insurance	13,646	13,919	14,197	14,481	14,771
Capital	1,805,000	-	130,000	-	-
Contribution To Reserves	67,000	65,000	57,000	50,000	47,000
Contracted Fire Service	290,224	296,028	301,949	307,988	314,148
MFA Interest Expense	29,331	58,663	58,663	58,663	58,663
MFA Principal	-	67,175	67,175	67,175	67,175
Vehicle Financing	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Contingency	10,000	10,000	10,000	10,000	10,000
Total Expenditure	\$ 2,229,311	\$ 525,177	\$ 653,664	\$ 523,280	\$ 527,029

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 058
KETTLE VALLEY FIRE PROTECTION

PARTICIPANT: Electoral Area 'E' Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Tax - EA 'E' / Rock Creek	\$ 100,960	\$ 150,772	\$ 152,558	\$ 154,381	\$ 156,239
Federal Grant in Lieu	-	-	-	-	-
Interest Earned on Investments	-	-	-	-	-
Miscellaneous Revenue	25,000	-	-	-	-
Province of BC - Misc. Revenue	-	-	-	-	-
From General Capital Fund	340,000	-	-	-	-
Transfer From Reserves	-	-	-	-	-
Previous Year's Surplus	44,160	-	-	-	-
Total Revenue	\$ 510,120	\$ 150,772	\$ 152,558	\$ 154,381	\$ 156,239
EXPENDITURE					
Board Fee	\$ 5,100	\$ 5,202	\$ 5,306	\$ 5,412	\$ 5,520
Insurance	7,000	7,140	7,283	7,428	7,577
Capital	365,000	-	-	-	-
Contribution To Reserves	13,000	5,000	5,000	5,000	5,000
Contracted Fire Service	75,480	76,990	78,529	80,100	81,702
Debt - Interest	12,000	23,900	23,900	23,900	23,900
Debt - Principal	27,540	27,540	27,540	27,540	27,540
Previous Year's Deficit	-	-	-	-	-
Contingency	5,000	5,000	5,000	5,000	5,000
Total Expenditure	\$ 510,120	\$ 150,772	\$ 152,558	\$ 154,381	\$ 156,239

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 064
REFUSE DISPOSAL - SPECIFIED AREA 'E'
BIG WHITE

PARTICIPANT: Big White Refuse Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 255,853	\$ 226,583	\$ 227,753	\$ 219,146	\$ 220,639
Miscellaneous Revenue	-	-	-	-	-
Previous Year's Surplus	5,523	-	-	-	-
From General Capital Fund	-	-	-	-	-
Total Revenue	\$ 261,376	\$ 226,583	\$ 227,753	\$ 219,146	\$ 220,639
EXPENDITURE					
Wages & Benefits	\$ 7,038	\$ 7,179	\$ 7,322	\$ 7,469	\$ 7,618
Insurance	690	704	718	732	747
Board Fee	5,449	5,558	5,669	5,783	5,898
Site Maintenance	21,500	10,540	10,581	10,622	10,665
Operating Contracts (Transfer)	136,000	136,000	136,000	136,000	136,000
Tipping Fees - Kelowna	52,479	53,529	54,599	55,691	56,805
Utilities	2,485	2,535	2,585	2,637	2,690
Capital/Amortization - Transfer St.	25,000	-	-	-	-
Interest Expense - Short Term	535	335	70	-	-
Debt Principal	10,000	10,000	10,000	-	-
Previous Year's Deficit	-	-	-	-	-
Contingencies	200	204	208	212	216
Total Expenditure	\$ 261,376	\$ 226,583	\$ 227,753	\$ 219,146	\$ 220,639

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 065
ELECTORAL AREA 'E' - REGIONAL PARKS & TRAILS SERVICE

PARTICIPANTS: Electoral Area 'E' - Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 81,393	\$ 81,434	\$ 85,463	\$ 85,492	\$ 85,522
Federal Grant in Lieu	-	-	-	-	-
Revenue From Reserves	-	-	-	-	-
Previous Year's Surplus	13	-	-	-	-
Total Revenue	\$ 81,406	\$ 81,434	\$ 85,463	\$ 85,492	\$ 85,522
EXPENDITURE					
Board Fee	\$ 1,406	\$ 1,434	\$ 1,463	\$ 1,492	\$ 1,522
Operating Contracts	20,000	20,000	24,000	24,000	24,000
Contribution To Reserves	60,000	60,000	60,000	60,000	60,000
Contingencies	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 81,406	\$ 81,434	\$ 85,463	\$ 85,492	\$ 85,522

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 070
ANIMAL CONTROL - EAST END
CONTRACTS: Trail, Fruitvale, Montrose

PARTICIPANTS: Electoral Areas 'A' & 'B'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition - Electoral	\$ 22,965	\$ 24,695	\$ 25,189	\$ 25,693	\$ 26,207
Property Tax Requisition - Municipality	68,896	74,086	75,567	77,078	78,620
Licenses & Fines	1,785	1,821	1,857	1,894	1,932
Federal Grant In Lieu	155	158	161	164	168
Previous Year's Surplus	4,982	-	-	-	-
Total Revenue	\$ 98,784	\$ 100,759	\$ 102,775	\$ 104,830	\$ 106,927
EXPENDITURE					
Board Fee	\$ 4,238	\$ 4,323	\$ 4,409	\$ 4,497	\$ 4,587
Insurance	569	580	592	604	616
Operating Contracts	92,855	94,712	96,606	98,538	100,509
Office Supplies	306	312	318	325	331
Previous Year's Deficit	-	-	-	-	-
Contingencies	816	832	849	866	883
Total Expenditure	\$ 98,784	\$ 100,759	\$ 102,775	\$ 104,830	\$ 106,927

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 071
ANIMAL CONTROL - WEST END

PARTICIPANTS: Grand Forks, Greenwood, Electoral Areas 'C' & 'D'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 133,424	\$ 132,913	\$ 132,967	\$ 128,625	\$ 106,078
Licenses & Fines	10,697	10,911	11,129	11,352	11,579
Federal Grant In Lieu	104	106	108	110	113
Previous Year's Surplus	1,436	-	-	-	-
Total Revenue	\$ 145,661	\$ 143,930	\$ 144,205	\$ 140,087	\$ 117,770
EXPENDITURE					
Board Fee	\$ 4,238	\$ 4,323	\$ 4,409	\$ 4,497	\$ 4,587
Insurance	1,417	1,445	1,474	1,504	1,534
Operating Contracts	103,200	103,200	103,200	103,200	103,200
Office Supplies	2,040	2,081	2,122	2,165	2,208
Debt - Principal	22,683	23,737	24,841	21,598	-
Debt - Interest	4,318	3,264	2,160	1,005	-
Maintenance & Repair	7,765	5,880	5,998	6,118	6,240
Contingencies	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 145,661	\$ 143,930	\$ 144,205	\$ 140,087	\$ 117,770

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 074
BIG WHITE SECURITY SERVICE

PARTICIPANTS: Big White Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 181,458	\$ 204,761	\$ 204,856	\$ 204,952	\$ 205,051
Federal Grant In Lieu	104	106	108	110	113
Previous Year's Surplus	23,210	-	-	-	-
Total Revenue	\$ 204,772	\$ 204,867	\$ 204,964	\$ 205,063	\$ 205,163
EXPENDITURE					
Board Fee	\$ 4,748	\$ 4,843	\$ 4,940	\$ 5,039	\$ 5,139
Security Accommodation	2,500	2,500	2,500	2,500	2,500
Operating Contracts	188,524	188,524	188,524	188,524	188,524
Contingencies	9,000	9,000	9,000	9,000	9,000
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 204,772	\$ 204,867	\$ 204,964	\$ 205,063	\$ 205,163

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 075
BIG WHITE NOISE CONTROL SERVICE

PARTICIPANTS: Electoral Area 'E' - Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 1,406	\$ 1,434	\$ 1,463	\$ 1,492	\$ 1,522
Miscellaneous Income	-	-	-	-	-
Previous Year's Surplus	15,000	-	-	-	-
Total Revenue	\$ 16,406	\$ 1,434	\$ 1,463	\$ 1,492	\$ 1,522
EXPENDITURE					
Board Fee	\$ 1,406	\$ 1,434	\$ 1,463	\$ 1,492	\$ 1,522
Operating Contracts	-	-	-	-	-
Transfer To Reserves	15,000	-	-	-	-
Contingencies	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 16,406	\$ 1,434	\$ 1,463	\$ 1,492	\$ 1,522

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 077
AREA 'C' ECONOMIC DEVELOPMENT

PARTICIPANT: Electoral Area 'C'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 108,050	\$ 123,434	\$ 120,463	\$ 120,492	\$ 120,522
Federal Grant in Lieu	-	-	-	-	-
Miscellaneous Income	-	-	-	-	-
Revenue From Reserves	-	-	-	-	-
Previous Year's Surplus	40,356	-	-	-	-
Total Revenue	\$ 148,406	\$ 123,434	\$ 120,463	\$ 120,492	\$ 120,522
EXPENDITURE					
Board Fee	\$ 1,406	\$ 1,434	\$ 1,463	\$ 1,492	\$ 1,522
Operating Contracts	82,000	82,000	79,000	79,000	79,000
Contribution To Reserves	-	-	-	-	-
Contingencies	65,000	40,000	40,000	40,000	40,000
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 148,406	\$ 123,434	\$ 120,463	\$ 120,492	\$ 120,522

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 080
MOSQUITO CONTROL - GRAND FORKS & AREA 'D'

PARTICIPANTS: Grand Forks & Electoral Area 'D'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 55,143	\$ 51,395	\$ 51,623	\$ 51,856	\$ 52,092
Federal Grant in Lieu	-	-	-	-	-
Provincial Grant - WNV	-	-	-	-	-
Transfer From Reserve	-	10,000	10,000	10,000	10,000
Previous Year's Surplus	31,030	-	-	-	-
Total Revenue	\$ 86,172	\$ 61,395	\$ 61,623	\$ 61,856	\$ 62,092
EXPENDITURE					
Salaries & Wages	\$ 7,746	\$ 7,901	\$ 8,059	\$ 8,221	\$ 8,385
Board Fee	3,226	3,291	3,356	3,423	3,492
Pest Control contract	55,000	50,000	50,000	50,000	50,000
Contracted Services - WNV	-	-	-	-	-
Contribution to Reserve	20,000	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Contingencies	200	203	207	212	215
Total Expenditure	\$ 86,172	\$ 61,395	\$ 61,623	\$ 61,856	\$ 62,092

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 081					
MOSQUITO CONTROL - CHRISTINA LAKE SPECIFIED AREA					
PARTICIPANT: Electoral Area 'C'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 18,835	\$ 19,433	\$ 19,515	\$ 19,599	\$ 19,686
Federal Grant in Lieu	-	-	-	-	-
Previous Year's Surplus	15,524	-	-	-	-
Transfer From Reserve	-	2,500	2,500	2,500	2,500
Total Revenue	\$ 34,359	\$ 21,933	\$ 22,015	\$ 22,099	\$ 22,186
EXPENDITURE					
Salaries & Wages	\$ 1,341	\$ 1,374	\$ 1,415	\$ 1,458	\$ 1,502
Board Fee	2,018	2,058	2,100	2,142	2,184
Pest Control Contract	21,000	18,500	18,500	18,500	18,500
Contribution to Reserve	10,000	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Contingencies	-	-	-	-	-
Total Expenditure	\$ 34,359	\$ 21,933	\$ 22,015	\$ 22,099	\$ 22,186

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 090
NOXIOUS WEED CONTROL - AREA 'A'
COLUMBIA GARDENS

PARTICIPANT: Columbia Gardens Weed Control - Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 21,789	\$ 15,103	\$ 15,671	\$ 16,248	\$ 16,835
Federal Grant In Lieu	25	25	25	25	25
Prov of BC Weed Control Grant	3,000	3,000	3,000	3,000	3,000
Ministry of Transport Weed	8,200	8,200	8,200	8,200	8,200
Other Agency Weed Control	10,000	10,000	10,000	10,000	10,000
Previous Year's Surplus	-	-	-	-	-
Total Revenue	\$ 43,014	\$ 36,328	\$ 36,896	\$ 37,473	\$ 38,060
EXPENDITURE					
Salaries & Wages	\$ 1,043	\$ 1,069	\$ 1,101	\$ 1,134	\$ 1,168
Board Fee	1,406	1,434	1,463	1,492	1,522
Operating Contracts	38,978	33,825	34,332	34,847	35,370
Contingencies	-	-	-	-	-
Previous Year's Deficit	1,588	-	-	-	-
Total Expenditure	\$ 43,014	\$ 36,328	\$ 36,896	\$ 37,473	\$ 38,060

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 091					
NOXIOUS WEED CONTROL AREA 'C'					
CHRISTINA LAKE MILFOIL					
PARTICIPANT: Christina Lake Specified Area					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 288,324	\$ 289,560	\$ 294,671	\$ 300,894	\$ 305,411
Federal Grant In Lieu	75	75	75	75	75
Miscellaneous Revenue	-	-	-	-	-
Provincial Grant	-	-	-	-	-
From General Capital Fund	-	-	-	-	-
Transfer From Reserve	-	10,000	10,000	10,000	10,000
Previous Year's Surplus	\$ 39,105	\$ -	\$ -	\$ -	\$ -
Total Revenue	327,504	299,635	304,746	310,969	315,486
EXPENDITURE					
Salaries & Benefits	234,520	238,425	243,194	248,058	253,019
Travel & Training	6,500	6,560	6,621	6,684	6,747
Communication Equipment	1,387	1,415	1,443	1,472	1,501
Board Fee	1,922	1,960	2,000	2,040	2,080
Diver Medicals	800	816	832	849	866
Dive Equipment Repairs	2,136	2,168	1,702	2,236	1,771
Boat Operating Costs	14,000	14,280	14,566	14,857	15,154
Scuba Tank Refills	6,500	6,630	6,763	6,898	7,036
Capital	-	-	-	-	-
Vehicle Operating	5,857	5,974	6,094	6,215	6,340
Dive Equipment Rental	6,200	6,324	6,450	6,579	6,711
Contribution to Reserve	32,600	-	-	-	-
Interest Expense - Short Term	-	-	-	-	-
Debt - Principal	-	-	-	-	-
Vehicle/Equipment Financing	15,000	15,000	15,000	15,000	14,179
Previous Year's Deficit	-	-	-	-	-
Contingencies	82	82	82	82	82
Total Expenditure	\$ 327,504	\$ 299,635	\$ 304,746	\$ 310,969	\$ 315,486

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 092
NOXIOUS WEED CONTROL AREA 'D' & 'E'

PARTICIPANTS: Electoral Areas 'D' & 'E'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 76,002	\$ 76,242	\$ 87,306	\$ 97,386	\$ 98,484
Grant In Lieu	20	20	20	20	20
Federal Govt Weed Grant	-	-	-	-	-
Miscellaneous Income	50	50	50	50	50
Prov of BC Weed Control Grant	14,500	14,500	14,500	14,500	14,500
Ministry of Transport	70,000	70,000	70,000	70,000	70,000
Other Provincial Agency	39,500	37,500	25,000	25,000	25,000
Industry Partners	23,500	19,500	19,500	19,500	19,500
Province of BC - JOP Grant	-	-	-	-	-
Transfer From Reserve	-	7,000	9,000	-	-
Previous Year's Surplus	24,693	-	-	-	-
Total Revenue	\$ 248,265	\$ 224,812	\$ 225,376	\$ 226,456	\$ 227,554
EXPENDITURE					
Salaries & Wages	\$ 5,959	\$ 6,078	\$ 6,200	\$ 6,324	\$ 6,450
Board Fee	1,406	1,434	1,463	1,492	1,522
Operating Contracts	230,900	217,300	217,714	218,641	219,582
Contribution to Reserve	10,000	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 248,265	\$ 224,812	\$ 225,376	\$ 226,456	\$ 227,554

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 101
STREET LIGHTING - BIG WHITE

PARTICIPANT: Big White Street Lighting Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 26,445	\$ 21,834	\$ 22,271	\$ 22,716	\$ 23,171
Revenue From Reserves	-	-	-	-	-
Previous Year's Surplus	-	-	-	-	-
Total Revenue	\$ 26,445	\$ 21,834	\$ 22,271	\$ 22,716	\$ 23,171
EXPENDITURE					
Board Fee	\$ 1,406	\$ 1,434	\$ 1,463	\$ 1,492	\$ 1,522
Utilities	20,000	20,400	20,808	21,224	21,649
Capital/Amortization	-	-	-	-	-
Contribution to Reserve	5,000	-	-	-	-
Previous Year's Deficit	39	-	-	-	-
Total Expenditure	\$ 26,445	\$ 21,834	\$ 22,271	\$ 22,716	\$ 23,171

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 103
BEAVERDELL STREET LIGHTING

PARTICIPANTS: Electoral Area 'E' - Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 2,854	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800
Revenue From Reserves	8,000	-	-	-	-
Previous Year's Surplus	446	-	-	-	-
Total Revenue	\$ 11,300	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800
EXPENDITURE					
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -
Utilities	1,800	1,800	1,800	1,800	1,800
Contribution To Reserves	1,500	-	-	-	-
Contingency	8,000	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 11,300	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 120					
HOUSE NUMBERING - AREA 'A' & 'C'					
PARTICIPANTS: Electoral Areas 'A' & 'C'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 5,987	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
Federal Grant in Lieu	-	-	-	-	-
Prior Year Surplus	13	-	-	-	-
Total Revenue	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
EXPENDITURE					
Consultant Fees	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500
Contingencies	1,500	1,500	1,500	1,500	1,500
Total Expenditure	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 121
HOUSE NUMBERING AREA 'D'

PARTICIPANT : Electoral Area 'D'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 2,999	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Federal Grant in Lieu	-	-	-	-	-
Prior Year Surplus	1	-	-	-	-
Total Revenue	<u>\$ 3,000</u>	<u>\$ 3,000</u>	<u>\$ 3,000</u>	<u>\$ 3,000</u>	<u>\$ 3,000</u>
EXPENDITURE					
Consultant Fees	\$ 2,250	\$ 2,250	\$ 2,250	\$ 2,250	\$ 2,250
Contingencies	750	750	750	750	750
Total Expenditure	<u>\$ 3,000</u>	<u>\$ 3,000</u>	<u>\$ 3,000</u>	<u>\$ 3,000</u>	<u>\$ 3,000</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 122
HOUSE NUMBERING AREA 'B'

PARTICIPANT : Electoral Area 'B'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 2,996	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Federal Grant in Lieu	-	-	-	-	-
Previous Year's Surplus	4	-	-	-	-
Total Revenue	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
EXPENDITURE					
Consultant Fees	\$ 2,250	\$ 2,250	\$ 2,250	\$ 2,250	\$ 2,250
Previous Year's Deficit	-	-	-	-	-
Contingencies	750	750	750	750	750
Total Expenditure	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 123
HOUSE NUMBERING AREA 'E'

PARTICIPANT : Electoral Area 'E'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 2,999	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Federal Grant in Lieu	-	-	-	-	-
Previous Year's Surplus	2	-	-	-	-
Total Revenue	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
EXPENDITURE					
Consultant Fees	\$ 2,250	\$ 2,250	\$ 2,250	\$ 2,250	\$ 2,250
Previous Year's Deficit	-	-	-	-	-
Contingencies	750	750	750	750	750
Total Expenditure	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 140
REGIONAL LIBRARY SERVICES - WEST END

Participants: Grand Forks, Electoral Areas 'C' & 'D'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 394,635	\$ 404,579	\$ 414,699	\$ 425,071	\$ 435,703
Federal Grant In Lieu	1,000	1,000	1,000	1,000	1,000
Previous Year's Surplus	71	-	-	-	-
Total Revenue	\$ 395,706	\$ 405,579	\$ 415,699	\$ 426,071	\$ 436,703
EXPENDITURE					
Board Fee	\$ 3,866	\$ 3,943	\$ 4,022	\$ 4,103	\$ 4,185
Operating Contracts	391,840	401,636	411,677	421,969	432,518
Previous Year's Deficit	-	-	-	-	-
Contingencies	-	-	-	-	-
Total Expenditure	\$ 395,706	\$ 405,579	\$ 415,699	\$ 426,071	\$ 436,703

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 141
LIBRARY - SPECIFIED AREA 'E'

PARTICIPANT: Electoral Area 'E' Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
Total Revenue	<u>\$ 3,500</u>	<u>\$ 3,500</u>	<u>\$ 3,500</u>	<u>\$ 3,500</u>	<u>\$ 3,500</u>
EXPENDITURE					
Grants to Local Organizations	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
Total Expenditure	<u>\$ 3,500</u>	<u>\$ 3,500</u>	<u>\$ 3,500</u>	<u>\$ 3,500</u>	<u>\$ 3,500</u>

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 145
GREENWOOD, AREA 'E' CEMETERY SERVICE

PARTICIPANTS: City of Greenwood, Electoral Area 'E' - Specified Area

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 14,599	\$ 8,934	\$ 8,963	\$ 8,992	\$ 9,022
Federal Grant in Lieu	-	-	-	-	-
Revenue From Reserve	34,400	-	-	-	-
Previous Year's Surplus	4,407	-	-	-	-
Total Revenue	\$ 53,406	\$ 8,934	\$ 8,963	\$ 8,992	\$ 9,022
EXPENDITURE					
Board Fee	\$ 1,406	\$ 1,434	\$ 1,463	\$ 1,492	\$ 1,522
Operating Contracts	52,000	7,500	7,500	7,500	7,500
Contribution To Reserves	-	-	-	-	-
Contingencies	-	-	-	-	-
Total Expenditure	\$ 53,406	\$ 8,934	\$ 8,963	\$ 8,992	\$ 9,022

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 150
CEMETERIES - EAST END

PARTICIPANTS: Rossland, Trail, Fruitvale, Warfield, Montrose,
Electoral Areas 'A' & 'B'

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 470,004	\$ 407,007	\$ 403,336	\$ 416,286	\$ 417,758
Federal Grant In Lieu	1,000	1,000	1,000	1,000	1,000
Previous Year's Surplus	26,894	-	-	-	-
Transfer From Reserves	98,000	-	-	-	-
Total Revenue	\$ 595,898	\$ 408,007	\$ 404,336	\$ 417,286	\$ 418,758
EXPENDITURE					
Cemetery Contract Fruitvale	\$ 20,300	\$ 20,909	\$ 21,536	\$ 22,182	\$ 22,848
Board Fee	4,998	5,098	5,200	5,304	5,410
Cemetery Contract Rossland	13,000	11,000	11,000	11,500	8,500
Grant - Cemetery Capital	300,000	110,000	102,000	110,000	110,000
Cemetery Contract Trail	257,600	261,000	264,600	268,300	272,000
Contribution to Reserve	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 595,898	\$ 408,007	\$ 404,336	\$ 417,286	\$ 418,758

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 500					
BEAVER VALLEY WATER SUPPLY UTILITY					
PARTICIPANTS: Fruitvale, Specified Area 'A'					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Users Fees	\$ 327,914	\$ 338,260	\$ 338,260	\$ 338,260	\$ 338,260
Fire Hydrant Maintenance Fee	11,228	11,565	11,912	12,269	12,637
Miscellaneous Revenue	173,969	500	500	500	500
Federal Grant In Lieu	463	463	463	463	463
Parcel Tax Village of Fruitvale	342,000	342,000	342,000	342,000	342,000
Parcel Tax Electoral Area 'A'	137,250	137,250	137,250	137,250	137,250
Transfer from Reserves	32,566	-	-	-	-
Transfer from Capital Fund	-	-	-	-	-
Previous Year's Surplus	90,803	-	-	-	-
Total Revenue	\$ 1,116,193	\$ 830,038	\$ 830,385	\$ 830,742	\$ 831,110
EXPENDITURE					
Purification & Treatment	\$ 233,700	\$ 240,711	\$ 250,339	\$ 260,353	\$ 270,767
Operating Contracts	28,500	25,544	26,566	27,629	28,734
Transmission & Distribution	41,400	42,642	44,348	46,122	47,966
Pumping	26,500	27,295	28,387	29,522	30,703
Salaries & Benefits	47,000	48,410	50,346	52,360	54,455
Other Water Supply	15,750	16,223	16,871	17,546	18,248
Hydrant Maintenance	14,500	14,935	15,532	16,154	16,800
Billing & Collections	8,000	8,240	8,570	8,912	9,269
Telephone	3,017	3,078	3,139	3,202	3,266
Board Fee	25,465	25,974	26,494	27,024	27,564
Insurance	10,058	10,259	10,464	10,674	10,887
Office Supply	-	-	-	-	-
Water Licence	2,300	2,300	2,300	2,300	2,300
Utilities - Electricity	-	-	-	-	-
Vehicle Operating	1,993	2,053	2,114	2,199	2,287
Salaries & Benefits - Admin	11,200	11,424	11,652	11,885	12,123
Contingencies	14,250	14,250	14,250	14,250	14,250
Previous Year's Deficit	-	-	-	-	-
Debt Interest	51,600	21,600	-	-	-
Debt Principal	120,491	83,417	-	-	-
Capital/Amortization	460,469	40,000	40,000	40,000	40,000
Contribution to Reserve	(0)	191,684	279,011	260,611	241,491
Total Expenditure	\$ 1,116,193	\$ 830,038	\$ 830,385	\$ 830,742	\$ 831,110

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 550					
CHRISTINA LAKE WATER UTILITY					
PARTICIPANTS: Christina Lake Waterworks District					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Requisition (Parcel Tax)	\$ 201,250	\$ 201,250	\$ 201,250	\$ 201,250	\$ 201,250
User Fees - Water Toll	165,000	165,000	165,000	165,000	165,000
Fire Hydrant Agreement	-	-	-	-	-
Miscellaneous Income	8,000	8,000	8,000	8,000	8,000
Federal Grants	-	-	-	-	-
Provincial Water Grant	424,322	-	-	-	-
Transfer From Reserve	165,000	-	-	-	-
Capital Revenue	-	-	-	-	-
Previous Year's Surplus	-	-	-	-	-
Total Revenue	\$ 963,572	\$ 374,250	\$ 374,250	\$ 374,250	\$ 374,250
EXPENDITURE					
Telephone	\$ 3,500	\$ 3,570	\$ 3,641	\$ 3,714	\$ 3,789
Board Fee	7,770	7,925	8,084	8,246	8,410
Insurance	2,582	2,634	2,686	2,740	2,795
Debt - Interest	20,433	20,433	20,433	20,433	20,433
Debt - Principal	63,655	63,655	63,655	63,655	63,655
Professional Fees	70,000	-	-	-	-
Repairs & Maintenance	16,000	16,000	16,000	16,000	16,000
Utilities	18,000	18,360	18,727	19,102	19,484
Training & Development	5,000	5,000	5,500	5,500	6,000
Salaries & Benefits - Admin	17,500	17,850	18,207	18,571	18,943
Salaries & Benefits	70,025	70,826	71,642	72,475	73,324
Other Operating Expenses	15,100	15,402	15,710	16,024	16,345
Vehicle Operating	4,000	4,080	4,162	4,245	4,330
Small Tools	-	-	-	-	-
Capital	564,322	65,000	-	-	-
Contribution To Reserve	70,985	63,515	125,803	123,545	120,743
Previous Year's Deficit	14,700	-	-	-	-
Total Expenditure	\$ 963,572	\$ 374,250	\$ 374,250	\$ 374,250	\$ 374,250

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 600					
COLUMBIA GARDENS WATER SUPPLY UTILITY					
PARTICIPANTS: Fruitvale, Specified Area "A"					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 19,752	\$ 25,329	\$ 27,856	\$ 28,364	\$ 28,882
Miscellaneous Income	32,500	10,000	10,000	10,000	10,000
Provincial Water Grant	-	-	-	-	-
Federal Grants	50	50	50	50	50
Fire Hydrant Agreement	1,852	1,852	1,852	1,852	1,852
Users Fees	3,150	3,150	3,150	3,150	3,150
Transfer From Reserve	10,547	-	-	-	-
Capital Revenue	-	-	-	-	-
Previous Year's Surplus	1,042	-	-	-	-
Total Revenue	\$ 68,893	\$ 40,381	\$ 42,908	\$ 43,416	\$ 43,934
EXPENDITURE					
Telephone	\$ 1,200	\$ 1,224	\$ 1,248	\$ 1,273	\$ 1,299
Board Fee	2,180	2,224	2,268	2,313	2,360
Insurance	7,713	7,867	8,025	8,185	8,349
Repairs & Maintenance	7,000	7,140	7,283	7,428	7,577
Operating Contracts	15,500	15,500	15,500	15,500	15,500
Professional Fees	29,000	-	-	-	-
Utilities- Electricity	6,300	6,426	6,555	6,686	6,819
Other Operating Expenses	-	-	2,030	2,030	2,030
Capital	-	-	-	-	-
Contribution To Reserve	-	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 68,893	\$ 40,381	\$ 42,908	\$ 43,416	\$ 43,934

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 650					
RIVERVALE WATER & STREET LIGHTING UTILITY					
PARTICIPANTS: Rivervale Water Improvement District					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 0	\$ (0)	\$ (0)	\$ 0	\$ (0)
User Fees - Water Toll	88,500	90,270	92,075	93,917	95,795
Fire Hydrant Agreement	695	708	723	737	752
Contract - Warfield Water	82,020	83,661	85,334	87,041	88,782
Miscellaneous Income	-	-	-	-	-
Federal Grants	-	-	-	-	-
Provincial Water Grant	27,000	-	-	-	-
Transfer From Reserve	-	-	-	-	-
Capital Revenue	-	-	-	-	-
Previous Year's Surplus	11,649	-	-	-	-
Total Revenue	\$ 209,864	\$ 174,639	\$ 178,132	\$ 181,695	\$ 185,328
EXPENDITURE					
Discounts	\$ 7,100	\$ 7,100	\$ 7,100	\$ 7,100	\$ 7,100
Board Fee	7,768	7,923	8,082	8,243	8,408
Insurance	746	761	776	792	807
Debt - Interest	-	-	-	-	-
Debt - Prinicipal	-	-	-	-	-
Vehicle Financing	7,431	7,431	7,431	7,431	-
Professional Fees	29,500	2,500	2,500	2,500	2,500
Repairs & Maintenance	17,000	17,100	17,200	22,967	17,200
Utilities- Electricity	1,428	1,457	1,486	1,515	1,546
Street Lighting	5,508	5,618	5,731	5,846	5,963
Salaries & Benefits - Admin	11,663	11,896	12,134	12,376	12,624
Salaries & Benefits - Rivervale	30,749	31,674	32,617	33,580	34,561
Salaries & Benefits - Warfield	57,726	58,881	60,058	61,260	62,485
Other Operating Expenses	4,850	5,249	5,702	500	500
Vehicle Operating	8,702	8,816	8,932	9,051	9,172
Small Tools	1,000	1,000	1,000	1,000	1,000
Capital	-	-	-	-	-
Contribution To Reserve	18,693	7,234	7,383	7,534	21,462
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 209,864	\$ 174,639	\$ 178,132	\$ 181,695	\$ 185,328

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 700					
EAST END REGIONALIZED SEWER UTILITY					
PARTICIPANTS: Trail, Rossland, Warfield					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 1,539,829	\$ 2,159,822	\$ 1,825,541	\$ 1,842,435	\$ 1,859,662
Contingencies	20,000	20,400	20,706	21,017	21,332
Space Rental	-	-	-	-	-
Federal Grant In Lieu	4,000	4,000	4,000	4,000	4,000
Towns For Tomorrow Grant	1,057,247	-	-	-	-
PEP Grants / EMBC Program	-	-	-	-	-
Transfer From Reserve Fund	363,000	163,000	-	-	-
Transfer from Oasis/Rivervale	13,209	13,605	14,013	14,434	14,867
Contribution from Capital Fund	-	-	-	-	-
Previous Year's Surplus	526,591	-	-	-	-
Total Revenue	\$ 3,523,876	\$ 2,360,828	\$ 1,864,260	\$ 1,881,886	\$ 1,899,861
EXPENDITURE					
Salaries & Benefits WWTP Admin	\$ 95,047	\$ 96,948	\$ 98,887	\$ 100,864	\$ 102,882
Administration Vehicle Operations	6,700	6,700	6,700	6,700	6,700
Board Fee	46,300	47,226	48,171	49,134	50,117
Training & Development	18,500	18,500	18,500	18,500	18,500
Building Insurance	15,037	18,908	19,286	19,672	20,065
Consultant fees	25,000	25,000	25,000	25,000	25,000
Other Administrative Costs	21,209	24,000	10,150	10,150	10,150
Land Leases	-	-	-	-	-
Capital/Amortization	1,693,791	600,000	100,000	100,000	100,000
Equipment Replacement	-	-	-	-	-
Contribution To Reserve	216,500	100,000	100,000	100,000	100,000
Debt- Interest	187,200	187,200	187,200	187,200	187,200
Debt- Principal	184,854	184,854	184,854	184,854	184,854
Provincial Emergency Program	15,000	15,000	15,000	15,000	15,000
Lift Station Labour	26,839	36,515	37,246	37,990	38,750
Collection System Labour	6,573	13,693	13,967	14,246	14,531
R&M - Collections	35,000	35,000	35,000	35,000	35,000
Collection Line Flow Metering	43,000	43,500	44,010	44,530	45,061
Utilities - Glenmerry Lft Stn	35,000	35,700	36,414	37,142	37,885
R&M - Glenmerry Lift Stn	35,000	35,000	35,000	35,000	35,000
Utilities - Murray Park Lift Stn	40,000	40,800	41,616	42,448	43,297
R&M - Murray Park Lift Stn	35,000	35,000	35,000	35,000	35,000
Utilities - Sunningdale Lift Stn	-	-	-	-	-
R&M - Sunningdale Lift Stn	-	-	-	-	-
Utilities - Robertson Lift Stn	-	-	-	-	-
R&M - Robertson Lift Stn	-	-	-	-	-
Labour - Sewer Treatment Plant	295,702	301,531	307,473	313,531	319,708
Small Tools	5,000	5,000	5,000	5,000	5,000
Operations	130,000	132,000	134,040	136,121	138,243
Digestion / Methane Collection	23,000	23,000	23,000	23,000	23,000
Chlorine / Disinfection	56,000	57,000	57,000	57,000	57,000
Solids Handling	58,600	59,100	59,100	59,100	59,100
Lab Testing	35,000	35,560	36,131	36,714	37,308
Disposal Permit	18,000	18,360	18,727	19,102	19,484
Vehicle Operating RDKB	14,503	21,621	22,054	22,495	22,945
Telephone	12,420	12,420	12,420	12,420	12,420
Building HVAC	1,500	1,500	1,500	1,500	1,500
Other Supplies	13,000	13,000	13,000	13,000	13,000
Utilities - Water/Sewer	600	612	624	637	649
Utilities - Electricity	56,000	57,120	58,262	59,428	60,616
Utilities - Natural Gas	20,000	20,400	20,808	21,224	21,649
Refuse Collection	-	-	-	-	-
Grounds Maintenance	3,000	3,060	3,121	3,184	3,247
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 3,523,876	\$ 2,360,828	\$ 1,864,260	\$ 1,881,886	\$ 1,899,861

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 700-101					
EAST END REGIONALIZED SEWER UTILITY					
PARTICIPANTS: Trail					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 26,683	\$ -	\$ -	\$ -	\$ -
Contingencies	-	-	-	-	-
Federal Grant In Lieu	-	-	-	-	-
Grants Programs	-	-	-	-	-
Transfer From Reserve Fund	-	-	-	-	-
Contribution from Capital Fund	-	-	-	-	-
Previous Year's Surplus	20,536	-	-	-	-
Total Revenue	\$ 47,219	\$ -	\$ -	\$ -	\$ -
EXPENDITURE					
GENERAL ADMINISTRATION					
Building Insurance	\$ 1,500	\$ -	\$ -	\$ -	\$ -
Consultant fees	-	-	-	-	-
Land Leases	-	-	-	-	-
Capital/Amortization	-	-	-	-	-
Equipment Replacement	5,000	-	-	-	-
Contribution To Reserve	-	-	-	-	-
Debt- Interest	-	-	-	-	-
Debt- Principal	-	-	-	-	-
Provincial Emergency Program	-	-	-	-	-
Lift Station Labour	8,960	-	-	-	-
Collection System Labour	2,460	-	-	-	-
R&M - Collections	1,000	-	-	-	-
Utilities - Sunningdale Lift Stn	1,744	-	-	-	-
R&M - Sunningdale Lift Stn	7,500	-	-	-	-
Utilities - Robertson Lift Stn	3,257	-	-	-	-
R&M - Robertson Lift Stn	7,500	-	-	-	-
Small Tools	-	-	-	-	-
Vehicle Operating RDKB	6,298	-	-	-	-
Other Supplies	1,000	-	-	-	-
Utilities - Water/Sewer	-	-	-	-	-
Grounds Maintenance	1,000	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 47,219	\$ -	\$ -	\$ -	\$ -

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 700-102					
EAST END REGIONALIZED SEWER UTILITY					
PARTICIPANTS: Rossland					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 6,649	\$ -	\$ -	\$ -	\$ -
Contingencies	-	-	-	-	-
Federal Grant In Lieu	-	-	-	-	-
Grants Program	-	-	-	-	-
Transfer From Reserve Fund	-	-	-	-	-
Contribution from Capital Fund	-	-	-	-	-
Previous Year's Surplus	7,841	-	-	-	-
Total Revenue	\$ 14,490	\$ -	\$ -	\$ -	\$ -
EXPENDITURE					
GENERAL					
Property Insurance	\$ 1,000	\$ -	\$ -	\$ -	\$ -
Consultant fees	-	-	-	-	-
Land Leases	-	-	-	-	-
Capital/Amortization	-	-	-	-	-
Contribution To Reserve	-	-	-	-	-
Debt- Interest	-	-	-	-	-
Debt- Principal	-	-	-	-	-
Provincial Emergency Program	-	-	-	-	-
Collection System Labour	4,480	-	-	-	-
R&M - Collections	6,500	-	-	-	-
Vehicle Operating RDKB	1,260	-	-	-	-
Other Supplies	1,250	-	-	-	-
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 14,490	\$ -	\$ -	\$ -	\$ -

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 700-103					
EAST END REGIONALIZED SEWER UTILITY					
PARTICIPANTS: Rossland & Warfield					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 11,266	\$ 11,465	\$ 11,624	\$ 11,787	\$ 11,952
Contingencies	-	-	-	-	-
Federal Grant In Lieu	-	-	-	-	-
Grant Programs	-	-	-	-	-
Transfer From Reserve Fund	-	-	-	-	-
Contribution from Capital Fund	-	-	-	-	-
Previous Year's Surplus	1,549	-	-	-	-
Total Revenue	\$ 12,815	\$ 11,465	\$ 11,624	\$ 11,787	\$ 11,952
EXPENDITURE					
GENERAL					
Property Insurance	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Consultant fees	-	-	-	-	-
Land Leases	-	-	-	-	-
Capital/Amortization	-	-	-	-	-
Contribution To Reserve	1,506	-	-	-	-
Debt- Interest	-	-	-	-	-
Debt- Principal	-	-	-	-	-
Provincial Emergency Program	-	-	-	-	-
Collection System Labour	4,475	4,565	4,656	4,749	4,844
R&M - Collections	2,500	2,500	2,500	2,500	2,500
Vehicle Operating RDKB	1,255	1,280	1,306	1,332	1,358
Other Supplies	2,079	2,120	2,163	2,206	2,250
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 12,815	\$ 11,465	\$ 11,624	\$ 11,787	\$ 11,952

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 800					
OASIS-RIVERVALE SEWER UTILITY					
PARTICIPANTS: Oasis/Rivervale Sewer Specified Area					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
r Columbia/Old Glory Parcel Tax	\$ 30,534	\$ 27,036	\$ 27,831	\$ 28,644	\$ 29,474
Users Fees	30,144	30,144	30,144	30,144	30,144
Penalty Revenue	366	374	381	389	396
Sewage Facil. Assist Grant	-	-	-	-	-
Miscellaneous Income	101,127	-	-	-	-
Transfer From Reserve	40,713	-	-	-	-
Previous Year's Surplus	6,961	-	-	-	-
Sewer Capital Revenue Fund	-	-	-	-	-
Total Revenue	\$ 209,845	\$ 57,553	\$ 58,356	\$ 59,176	\$ 60,015
EXPENDITURE					
Consultant Fees	\$ -	\$ -	\$ -	\$ -	\$ -
Discounts	2,500	2,563	2,601	2,640	2,680
Board Fee	5,172	5,275	5,381	5,489	5,598
Property Insurance	1,266	1,291	1,317	1,343	1,370
Contribution to Reserve	6,762	-	-	-	-
Capital/Amortization	126,840	-	-	-	-
Debt - Interest	-	-	-	-	-
Debt - Principal	-	-	-	-	-
Labour - Callouts	8,925	9,104	9,286	9,471	9,661
Collection Line	3,300	3,300	3,300	3,300	3,300
Telemetry	1,500	1,500	1,500	1,500	1,500
Utilities - Electricity	5,871	6,047	6,229	6,415	6,608
Pumping Station R&M	34,500	15,000	15,000	15,000	15,000
eatment and Disposal (Transfer)	13,209	13,473	13,743	14,017	14,298
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 209,845	\$ 57,553	\$ 58,356	\$ 59,176	\$ 60,015

REGIONAL DISTRICT OF KOOTENAY BOUNDARY					
FIVE YEAR FINANCIAL PLAN					
EXHIBIT NO. 900					
EAST END TRANSIT					
PARTICIPANTS: Rossland, Trail, Fruitvale, Montrose, Warfield, Electoral Areas "A" & "B"					
DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 1,158,464	\$ 1,300,312	\$ 1,331,962	\$ 1,366,747	\$ 1,402,228
Miscellaneous Revenue	510	523	531	539	547
IHA Fee For Service Contract	89,127	89,127	89,127	89,127	89,127
Farebox Revenue	317,816	317,596	317,596	317,596	317,596
Federal Grant In Lieu	2,800	2,800	2,800	2,800	2,800
Previous Year's Surplus	31,092	-	-	-	-
Transfer From Reserves	127,000	-	-	-	-
Total Revenue	\$ 1,726,809	\$ 1,710,358	\$ 1,742,015	\$ 1,776,809	\$ 1,812,297
EXPENDITURE					
Board Fee	\$ 50,273	\$ 51,278	\$ 52,304	\$ 53,350	\$ 54,417
Utilities - Electricity	1,346	1,505	1,535	1,566	1,597
Contribution to Reserves	-	-	-	-	-
Operating Contracts	1,666,173	1,648,332	1,678,795	1,712,371	1,746,618
Contingencies	9,017	9,242	9,381	9,522	9,665
Previous Year's Deficit	-	-	-	-	-
Total Expenditure	\$ 1,726,809	\$ 1,710,358	\$ 1,742,015	\$ 1,776,809	\$ 1,812,297

REGIONAL DISTRICT OF KOOTENAY BOUNDARY
FIVE YEAR FINANCIAL PLAN
EXHIBIT NO. 950
WEST END TRANSIT

PARTICIPANTS: Grand Forks, Greenwood, Area 'D',
and Electoral Area 'E' Specified Area.

DESCRIPTION	2018 BUDGET	2019 BUDGET	2020 BUDGET	2021 BUDGET	2022 BUDGET
REVENUE					
Property Tax Requisition	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Farebox Revenue	9,738	9,738	9,738	9,738	9,738
Federal Grant In Lieu	100	100	100	100	100
Previous Year's Surplus	208	-	-	-	-
Transfer From Reserves	-	-	-	-	-
Miscellaneous Revenue	22,945	22,996	28,809	32,346	36,025
Total Revenue	\$ 82,991	\$ 82,834	\$ 88,647	\$ 92,184	\$ 95,863
EXPENDITURE					
Board Fee	\$ 1,508	\$ 1,538	\$ 1,569	\$ 1,600	\$ 1,632
Contribution to Reserves	-	-	-	-	-
Operating Contracts	81,483	81,296	87,078	90,584	94,230
Previous Year's Deficit	-	-	-	-	-
Contingencies	-	-	-	-	-
Total Expenditure	\$ 82,991	\$ 82,834	\$ 88,647	\$ 92,184	\$ 95,863

**REGIONAL DISTRICT OF KOOTENAY BOUNDARY
BYLAW NO. 1632**

A Bylaw to amend Electoral Area 'B'/Lower Columbia-Old Glory Official Community Plan Bylaw
No. 1470, 2013 of the Regional District of Kootenay Boundary

WHEREAS the Regional District of Kootenay Boundary may amend the provisions of its Official Community Plan Bylaws pursuant to the provisions of the *Local Government Act*;

AND WHEREAS the Regional District of Kootenay Boundary Board of Directors believes it to be in the public interest to amend the Electoral Area 'B'/Lower Columbia-Old Glory Official Community Plan;

NOW THEREFORE the Regional District of Kootenay Boundary Board of Directors, in open and public meeting assembled, enacts the following:

1. This Bylaw may be cited as Regional District of Kootenay Boundary Official Community Plan Amendment Bylaw No. 1632, 2018;
2. That Map 1 (Land Use Designations) of the Electoral Area 'B'/Lower Columbia-Old Glory Official Community Plan Bylaw No. 1470, 2013 be amended to designate the following parcel from 'Rural Resource 1' to 'Light Industrial':
- Block 16, DL 7187 and 8073, KD, NEP2115;
as shown outlined in red on Schedule X attached hereto and forming part of this bylaw.
3. That Map 8 (Development Permit Areas) of the Electoral Area 'B'/Lower Columbia-Old Glory Official Community Plan Bylaw No. 1470, 2013 be amended to include the following parcel in the 'Industrial Development Permit Area':
- Block 16, DL 7187 and 8073, KD, NEP2115;
as shown outlined in red on Schedule Y attached hereto and forming part of this bylaw.

READ A FIRST TIME AND SECOND TIME this 25th day of January, 2018.

PUBLIC HEARING NOTICE ADVERTISED in the Trail Times this 14th day of February, 2018 and also this 15th day of February, 2018.

PUBLIC HEARING held on this 21st day of February, 2018.

READ A THIRD TIME this 27th day of March, 2018.

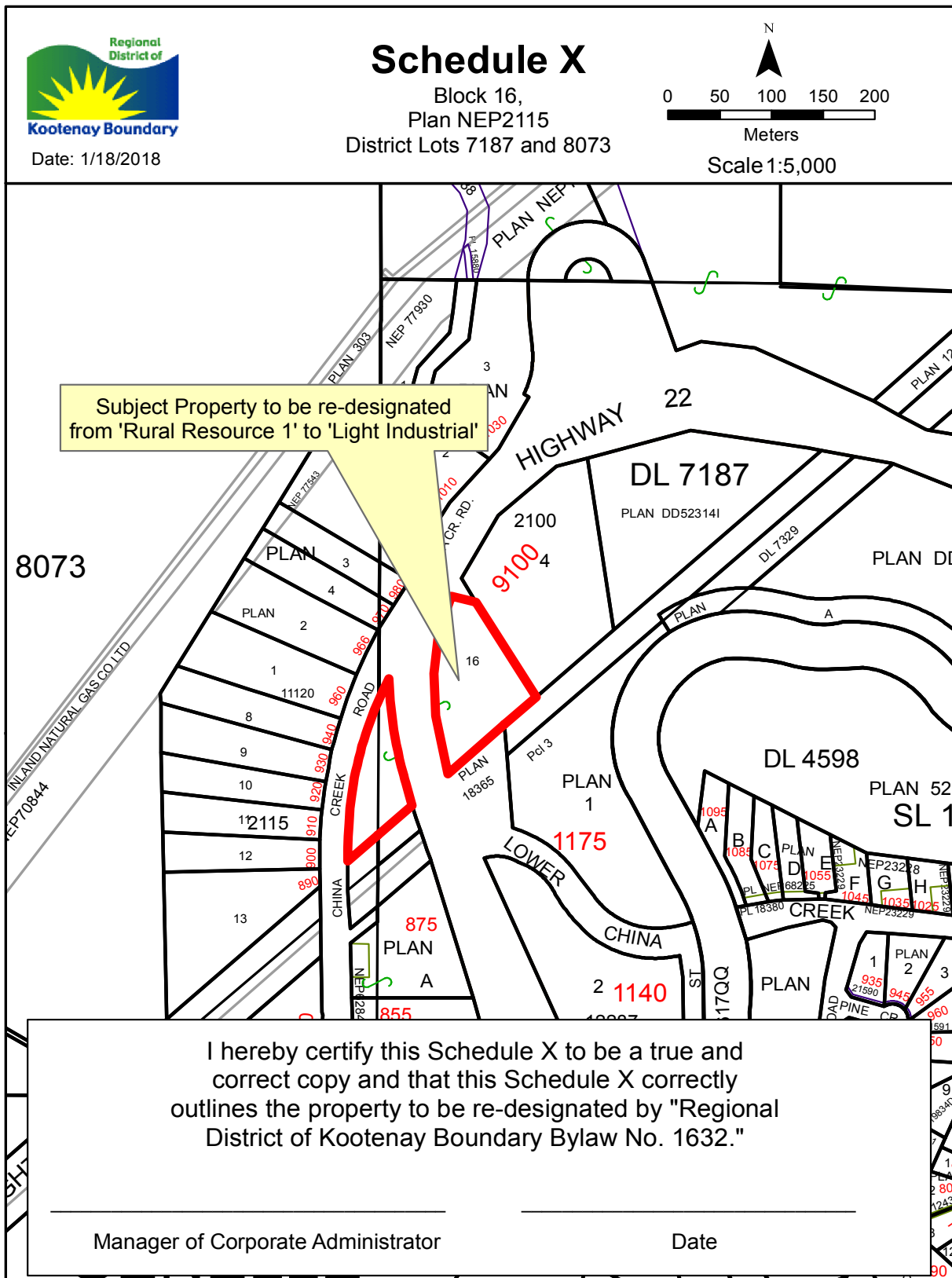
ADOPTED this ___ day of ___, 20__.

Manager of Corporate Administration

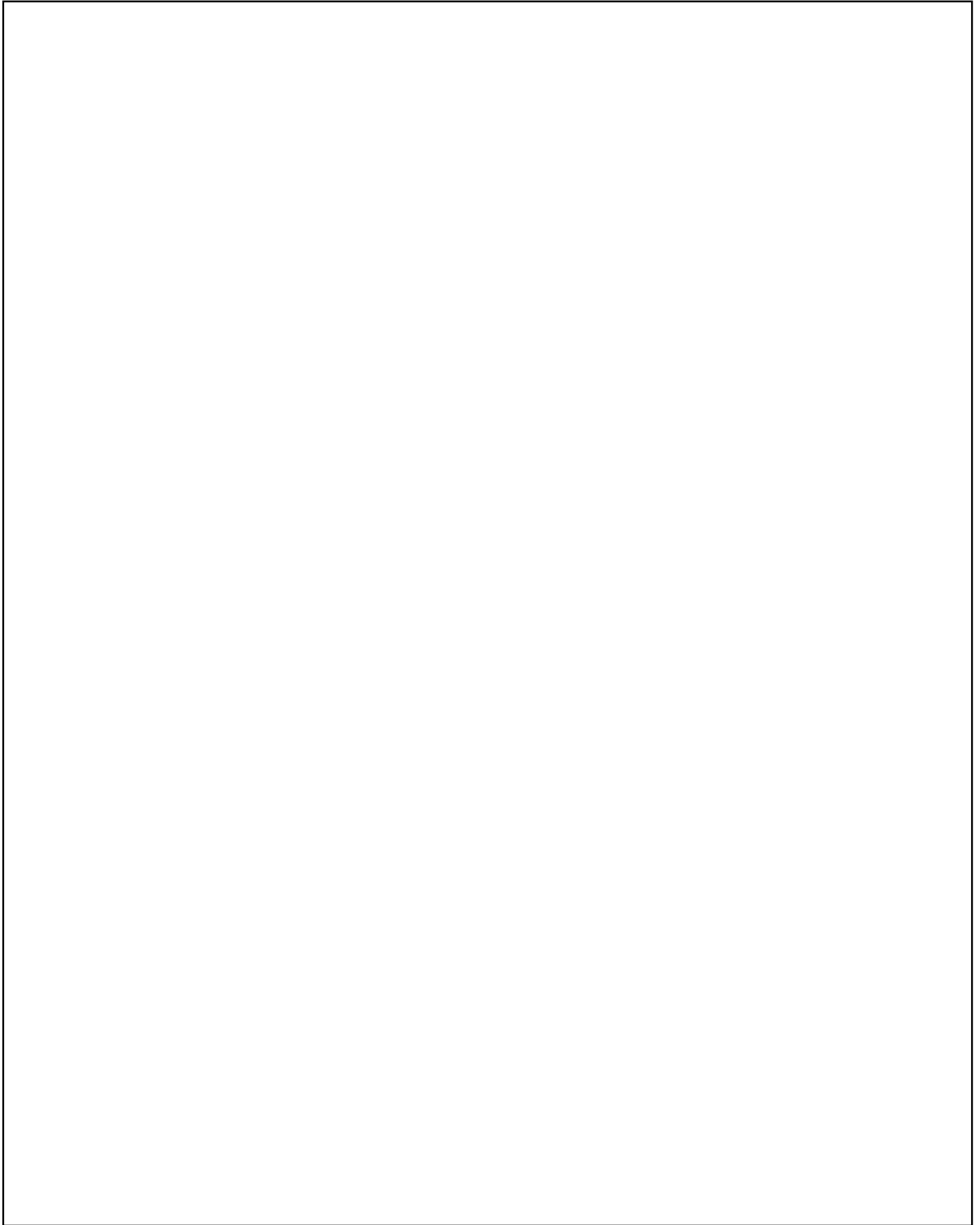
Chair

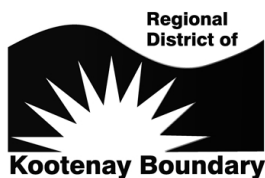
I, Theresa Lenardon, Manager of Corporate Administration hereby certify the foregoing to be a true and correct copy of Bylaw No. 1632, cited as "Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1632, 2018" as read a third time by the Regional District of Kootenay Boundary Board of Directors this 27th day of March, 2018.

Manager of Corporate Administration



Document Path: P:\GIS\RD\KB\MapDocuments\Routine_Maps\ScheduleX\Area_'B'_LowerColumbia-OldGlory\2018-01-18_SchX_OCPBylaw1632_WestKsandGravel.mxd





STAFF REPORT

Date:	March 27, 2018	File #:	B-7187-08837.000
To:	Chair Russell and Members of the Board of Directors		
From:	Carly Rimell, Senior Planner		
RE:	OCP and Zoning Amendment Bylaw Referral (Bylaw 1632 and 1633)		

ISSUE INTRODUCTION

West K Sand and Gravel Ltd., is applying for an Official Community Plan (OCP) and Zoning Bylaw amendment to allow for light industrial uses on the subject property which straddles Highway 22, in Genelle, Electoral Area 'B'/ Lower Columbia-Old Glory (*see Site Location Map*).

The amendment bylaws were given first and second reading in January 2018 and the public hearing was held on February 21st, 2018.

This report is a summary of the referral responses for Bylaws 1632 and 1633 received from agencies and first nations.

HISTORY / BACKGROUND INFORMATION

Property Information	
Owner:	West K Sand and Gravel Ltd.
Location:	Highway 22, Electoral Area 'B'/Lower Columbia-Old Glory, near Lower China Creek Rd.
Legal Description:	Block 16, DL7187 and 8073, KD, NEP2115
Area:	1.57 ha (3.9 acres)
Current Use:	Undeveloped
Land Use Bylaws	
OCP Bylaw No. 1410	Rural Resource 1
DP Area	NA
Zoning Bylaw No. 1460	Rural Resource 1 (RUR 1)
Other	
ALR:	NA

Page 1 of 4

Waterfront / Floodplain

NA

REFERRAL RESPONSES

Fifteen agencies were sent a referral package on February 5th, 2018 which contained the Electoral Area Services Committee Report, a copy of the bylaws and a response form. A response was requested by March 19th, 2018. The referral form noted that if a response was not received within this timeframe it would be assumed the agency's interests were unaffected. The table below shows the agencies which were contacted and summarizes their response.

Agency	Response
Genelle Improvement District (GID)	No response. The applicant consulted GID throughout the application process. GID is able to expand service to the eastern portion of the property.
Interior Health Authority (IHA)	IHA has no objection provided that the subject property has the same restriction for potential impacts to surrounding non industrial lands. IHA stated the use should be reviewed if there is a potential impact on population health.
Ktunaxa Nation Council	No response.
Lower Similkameen Indian Band	No direct response, see PIB and OIB response.
Ministry of Energy and Mines	No response.
Ministry of Forests, Lands and Natural Resource Operations and Rural Development (FLNRORD) Archaeology Branch	According to Provincial records there are no known archaeological sites recorded on the parcel, however modeling indicates there is a possibility for these sites to exist on the property. In the absence of a confirmed archaeological site, the Archaeological Branch cannot require the proponent to conduct a study or obtain a permit prior to development. They do however encourage an Eligible Consulting Archaeologist be consulting prior to any land altering development. If land altering development takes place without consult of an Eligible Consulting Archaeologist and a site is discovered, activities must be halted and

	the Archaeology Branch contacted to obtain appropriate permits.
FLNRORD - Ecosystem Biologist	Interests unaffected.
FLNRORD - Land Authorizations	No response.
FLNRORD - Mines Kootenay Boundary Region	No response.
Ministry of Transportation and Infrastructure (MoTI)	<p>MoTI responded that access to the eastern portion is a challenge and the proposed zoning could result in higher traffic volume. MoTI notes that a professional Traffic Impact Assessment could be required as part of an access application for this portion of the property.</p> <p>Commercial access has been approved to the western portion of the property, therefore access has been satisfied and the bylaw amendments are supported.</p>
Okanagan Nation Alliance (ONA)	No direct response, see PIB and OIB response.
Osoyoos Indian Band (OIB)	<p>OIB requested a 60-day extension from the day they received the referral, February 7, 2018.</p> <p>OIB also requested an Archeology Impact Assessment Report/Archaeology Overview Assessment Report as well as shape files and the applicant's contact information. RDKB staff provided the shape files and applicant's contact information but not the Archaeology Report as this is not required as part of a bylaw amendment application. RDKB staff also noted the response from FLNRORD Archaeology Branch and that the applicant will be notified of their responsibilities with land alterations and archaeological sites.</p> <p>RDKB staff notified OIB that the application could not be delayed to accommodate their extension request. However, should OIB choose to review the referral after the closing date their comments would be received and passed onto the applicant.</p>
Penticton Indian Band (PIB)	PIB requested a shape file for the property and

	payment to process the referral. RDKB staff provided the shape files and responded with a letter noting that the RDKB does not have any budget allocated for paying for referral services.
RDKB Building Department	No response.
School District #20	No response.

OIB, Lower Similkameen Indian Band and PIB are part of the 8 Sylix communities which make up the Okanagan Nations Bands or ONA. PIB and OIB both provided a direct bylaw referral response on behalf of the Sylix community.

Ktunaxa Nation Council is the only first nation group included within this referral which is not a part of the ONA. As noted in the table above, a response was not received.

RECOMMENDATION

That the staff report regarding the referral response summary for Bylaw 1632 and 1633 on the property legally described as Block 16, DL7187 and 8073, KD, NEP2115, on Highway 22, near Lower China Creek Road, in Electoral Area 'B'/Lower Columbia-Old Glory, be received.

ATTACHMENTS

Site Location Map

**REGIONAL DISTRICT OF KOOTENAY BOUNDARY
BYLAW NO. 1633**

A Bylaw to amend Electoral Area 'B'/Lower Columbia-Old Glory Zoning Bylaw No. 1540, 2015 of the Regional District of Kootenay Boundary

WHEREAS the Regional District of Kootenay Boundary may amend the provisions of its Zoning Bylaws pursuant to the provisions of the *Local Government Act*;

AND WHEREAS the Regional District of Kootenay Boundary Board of Directors believes it to be in the public interest to amend the Electoral Area 'B'/Lower Columbia-Old Glory Zoning Bylaw;

NOW THEREFORE the Regional District of Kootenay Boundary Board of Directors, in open and public meeting assembled, enacts the following:

1. This Bylaw may be cited as Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1633, 2018;
2. That Map 1 (Zoning Map) of the Electoral Area 'B'/Lower Columbia-Old Glory Zoning Bylaw No. 1540, 2015 be amended to rezone the following parcel from 'Rural Resource 1 (RUR 1)' to 'Light Industrial 2 (IN 2)':
 - Block 16, DL 7187 and 8073, KD, NEP2115;
as shown outlined in red on Schedule Z attached hereto and forming part of this bylaw.

READ A FIRST TIME AND SECOND TIME this 25th day of January, 2018.

PUBLIC HEARING NOTICE ADVERTISED in the Trail Times this 14th day of February, 2018 and also this 15th day of February, 2018.

PUBLIC HEARING held on this 21st day of February, 2018.

READ A THIRD TIME this 27th day of March, 2018.

I, Theresa Lenardon, Manager of Corporate Administration hereby certify the foregoing to be a true and correct copy of Bylaw No. 1633, cited as "Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1633, 2018" as read a third time by the Regional District of Kootenay Boundary Board of Directors this 27th day of March, 2018.

Manager of Corporate Administration

APPROVED by the Ministry of Transportation and Infrastructure Approving Officer this

_____ day of _____, 20__.

Approving Officer

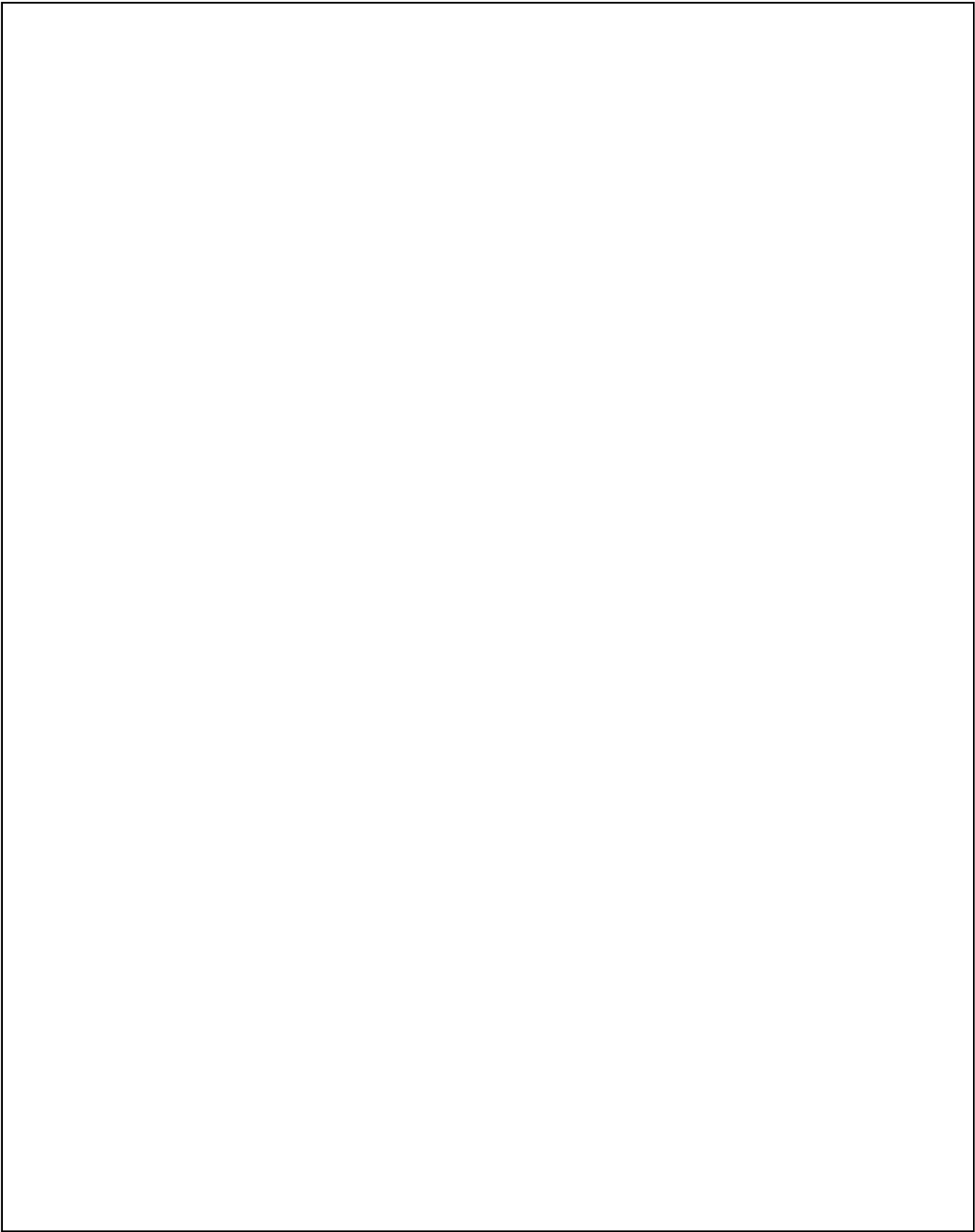
ADOPTED this _____ day of _____, 20__.

Manager of Corporate Administration

Chair

I, Theresa Lenardon, Manager of Corporate Administration of the Regional District of Kootenay Boundary, hereby certify that this is a true and correct copy of Bylaw No. 1633, cited as "Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1633, 2018".

Manager of Corporate Administration



**REGIONAL DISTRICT OF KOOTENAY BOUNDARY
BYLAW NO. 1645**

A Bylaw to amend Electoral Area 'D'/Rural Grand Forks Zoning
Bylaw No. 1299, 2005 of the Regional District of Kootenay Boundary

WHEREAS the Regional District of Kootenay Boundary may amend the provisions of its Zoning Bylaws pursuant to the provisions of the *Local Government Act*;

AND WHEREAS the Regional District of Kootenay Boundary Board of Directors believes it to be in the public interest to amend the Electoral Area 'D'/Rural Grand Forks Zoning Bylaw;

NOW THEREFORE the Regional District of Kootenay Boundary Board of Directors, in open and public meeting assembled, enacts the following:

1. This Bylaw may be cited as Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1645, 2017.
2. That Schedule 'A' (Electoral Area D Zoning Map) of the Electoral Area 'D'/Rural Grand Forks Zoning Bylaw No. 1299, 2005 is amended to rezone the 10.7 ha portion of the following property from 'Agricultural Resource 1' (AGR1) Zone to 'Agricultural Resource 1B' (AGR1B) Zone:
 - Lot 1, District Lot 538, SDYD, Plan KAP33299;

as shown shaded in red on **Schedule Z** attached hereto and forming part of this Bylaw.

READ A FIRST TIME this 31st day of August, 2017.

READ A SECOND TIME this 31st day of August, 2017.

PUBLIC HEARING held on this 6th day of November, 2017.

READ A THIRD TIME this 27th day of March, 2018.

FINALLY ADOPTED this 27th day of March, 2018.

Manager of Corporate Administration

Chair

I, Theresa Lenardon, Manager of Corporate Administration of the Regional District of Kootenay Boundary, hereby certify that this is a true and correct copy of Bylaw No. 1645, cited as "Regional District of Kootenay Boundary Zoning Amendment Bylaw No. 1645, 2017".

Manager of Corporate Administration