



Electoral Area Services Committee

Thursday, September 12, 2019 - 4:30 pm

The Regional District of Kootenay
Boundary Board Room, RDKB Board Room,
843 Rossland Ave., Trail, BC

A G E N D A

1. CALL TO ORDER
2. ACCEPTANCE OF AGENDA (ADDITIONS/DELETIONS)

A) **September 12, 2019**

Recommendation: That the Electoral Area Services Committee meeting agenda be adopted as presented.

3. MINUTES

A) **June 13, 2019**

[Electoral Area Services Committee - 13 Jun 2019 - Minutes - Pdf](#)

Recommendation: That the Electoral Area Services Committee meeting minutes from June 13, 2019 be adopted as presented.

4. DELEGATIONS

5. UNFINISHED BUSINESS

A) **Planning and Development**
Re: Work Plan Update

[Planning & Development Annual Work Plan Progress-EAS September 12, 2019](#)

Recommendation: That the Staff Report from Donna Dean, Manager of Planning and Development, titled Planning & Development Annual Work Plan Progress-EAS September 12, 2019, be received for

information.

B) **Parks and Trails-Electoral Area 'B'.
Re: Work Plan Update**

[Staff Report Electoral Area 'B' Parks & Trails Work Plan Update-EAS
September 12, 2019](#)

Recommendation: That the Staff Report from Mark Daines, Facilities & Recreation Manager, titled Staff Report-Electoral Area 'B' Parks & Trails Work Plan Update-EAS September 12, 2019, be received for information.

C) **Recreation-Christina Lake, Recreation Facilities-Christina Lake
and Area 'C' Regional Parks and Trails
Re: Work Plan Update**

[Staff Report Recreation Christina Lake, Recreation Facilities Christina
Lake and Area 'C' Regional Parks & Trails Work Plan Updates-EAS
September 12, 2019](#)

Recommendation: That the Staff Report from Tom Sprado, Boundary Facilities Manager, titled Staff Report Recreation Christina Lake, Recreation Facilities Christina Lake & Area 'C' Regional Parks & Trails Work Plan Updates-EAS September 12, 2019, be received for information.

D) **Christina Lake Fire Rescue
Re: Work Plan Update**

[Staff report - Christina Lake Fire Rescue Work Plan Update-EAS
September 12, 2019](#)

Recommendation: That the Staff Report from Joe Geary, Christina Lake Fire Chief, titled Staff Report-Christina Lake Fire Rescue Work Plan Update-EAS September 12, 2019, be received for information.

E) **Big White Fire Department
Re: Work Plan Update**

[Staff Report - 2019 Work Plan Service 054 -September Update-EAS September 12, 2019](#)

Recommendation: That the Staff Report from Chris Cormack, Big White Fire Chief, titled Staff Report-2019 Work Plan Service 054-September Update-EAS September 12, 2019, be received for information.

F) **Grand Forks Rural Fire Protection Services**

Re: Work Plan Update

[Staff report - Grand Forks Fire Work Plan Update-EAS September 12, 2019](#)

Recommendation: That the Staff Report by James Chandler, General Manager of Operations. Deputy CAO, titled Grand Forks Fire Work Plan Update-EAS September 12, 2019, be received for information.

G) **Mosquito Control-Christina Lake and Weed Control-Christina Lake Milfoil**

Re: Work Plan Updates

[Staff Report-Work Plan Updates 081,091-EAS-Sept12'19 - Pdf 2019 Work Plan 081 Mosquito Control Christina Lake \(Final\) 2019 Work Plan 091 Christina Lake Milfoil \(Final\)](#)

Recommendation: That the Staff Report from Janine Dougall, General Manager of Environmental Services titled "2019 Work Plans for Services 081 and 091 – September Update" and dated September 12, 2019 be received for information.

6. NEW BUSINESS

A) **Jim and Geraldine Dovedoff**

RE: Floodplain Exemption

5795 Beatrice Street

RDKB File: D-519-03189.000

[2019-09-12 Dovedoff Floodplain EAS](#)

Recommendation: That the application for a Site Specific Exemption to the Floodplain Management Bylaw submitted by Pennco Engineering (BC) Ltd., on behalf of Geraldine and Jimmy Dovedoff, in order to carry

out structural repairs to the existing dwelling on the property legally described as Lot 2, Plan KAP4769, DL 519, SDYD be presented to the Regional District Board of Directors with a recommendation of approval, subject to: adherence to all the recommendations included in the Professional Engineering Reports, prepared by Pennco Engineering (BC) Ltd., dated June 11, 2019 and July 24, 2019 and the owner registering a new standard floodplain covenant on title in favour of the Regional District of Kootenay Boundary.

B) Orlando and Wendy Russo

RE: Floodplain Exemption

6455 Highway 33

RDKB File: E-2352-05130.040

[2019-08-13 Russo Floodplain EAS](#)

Recommendation: That the application for a Site Specific Exemption to the Floodplain Management Bylaw submitted by Wendy Russo, in order to construct a single family dwelling within the designated floodplain on the property legally described as Lot 2, Plan EPP73953, DL 2352, SDYD, 6455 Highway 33, Electoral Area 'E'/West Boundary be denied.

C) Red Mountain View Estates

RE: MOTI Subdivision

Richie Road

RDKB File: B-Twp28-10970.253

[2019-08-01 RedMtnEstates MOTI EAS](#)

Recommendation: That the staff report regarding the Ministry of Transportation and Infrastructure referral for a proposed subdivision, for the parcel legally described as Lot 3, Plan EPP77192, Section 11, & Parcel A, Plan NEP1245, Township 28, KD, Electoral Area 'B'/Lower Columbia-Old Glory, be received.

D) Isaac Rowland and Matthew Butler

RE: MOTI Subdivision

4930 Snow Pines Road

RDKB File: BW-4176s-07385.180

[2019-08-14 MOTI Rowland-Butler EAS](#)

Recommendation: That the staff report regarding the Ministry of Transportation and Infrastructure referral for a proposed subdivision, for

the parcel legally described as SL 37, KAS938, DL 4176s, SDYD, Electoral Area 'E'/Big White, be received.

- E) **Grant in Aid Report**
[2019 Grant in Aids as of August 29, 2019-EAS September 12, 2019](#)

Recommendation: That the Grant in Aid report be received.

- F) **Gas Tax Report**
[Gas Tax Agreement EAS-September 12, 2019](#)

Recommendation: That the Gas Tax report be received.

- G) **Discussion Item from June 13, 2019 meeting:
First Nation Referrals (Director Gee)**

7. LATE (EMERGENT) ITEMS
8. DISCUSSION OF ITEMS FOR FUTURE AGENDAS
9. CLOSED (IN CAMERA) SESSION
10. ADJOURNMENT



Electoral Area Services Committee Minutes

Thursday, June 13, 2019
RDKB Board Room, 2140 Central Ave., Grand Forks, BC

Directors Present:

Director Linda Worley, Chair
Director Ali Grieve-via teleconference
Director Grace McGregor
Director Vicki Gee

Directors Absent:

Director Roly Russell

Staff Present:

Mark Andison, Chief Administrative Officer
Donna Dean, Manager of Planning and Development
Frances Maika, Corporate Communications Officer
Elizabeth Moore, Senior Planner
Maria Ciardullo, Recording Secretary

Members of the Public Present:

Douglas Edlund

1. CALL TO ORDER

Chair Worley called the meeting to order at 4:32 p.m.

2. ACCEPTANCE OF AGENDA (ADDITIONS/DELETIONS)

June 13, 2019

Items 5B, 6A, 6K, 6L and 6O were moved to the beginning of the agenda right after 'Delegations'.

Moved: Director McGregor

Seconded: Director Gee

That the Electoral Area Services Committee meeting agenda be adopted as amended.

Carried.

3. MINUTES

May 16, 2019

Director Gee requested a correction to the May 16, 2019 minutes with regard to the Cannabis Public meeting at Big White. The correction would delete the wording of 'putting a cap on the number of cannabis retail outlets at Big White' in the section titled 'Cannabis Public Meetings at Big White.'

Moved: Director Gee

Seconded: Director Grieve

That the Electoral Area Services Committee meeting minutes from May 16, 2019 be adopted as amended.

Carried.

4. DELEGATIONS

There were no delegations in attendance.

ITEMS MOVED AHEAD ON THE AGENDA

6A. Doug and Norine Edlund

RE: Development Variance Permit

1320 Bonavista Road, Electoral Area 'C'/Christina Lake

RDKB File: C-268-02384.440

This application was reviewed with the Committee members. It was noted that the APC has no concerns and the adjacent property owners have been sent a notification letter. Mr. Edlund who was in attendance requested a copy of the APC minutes.

Moved: Director McGregor

Seconded: Director Grieve

That the Development Variance Permit application submitted by Douglas Edlund, to allow for a variance of the maximum height for an accessory building from 4.6 metres to 6.4 metres – a 1.8 metre variance, to construct a garage on the property legally described as Lot 5, Plan KAP84635, DL268, SDYD, Electoral Area 'C'/Christina Lake, be presented to the Regional District of Kootenay Boundary Board of Directors, with a recommendation of support.

Carried.

5B. ALC Response Letter (Underwood)

RE: Concerns regarding transition to new land use regulations

Director Grieve expressed concern that the letter should have been sent to the Ministry of Agriculture rather than the ALC.

Moved: Director Grieve

Seconded: Director McGregor

That the letter dated May 24, 2019 from the Agricultural Land Commission be received AND FURTHER that RDKB staff write a letter to the Minister of Agriculture regarding the concerns of transitioning to new land regulations.

Carried.

6K. Local Government Barriers to Cannabis Production and Sales

Director Grieve stated there was a presentation at an AKBLG meeting with regard to cannabis barriers and solutions. She would like to see more details clearly indicating what the solutions and barriers are and suggested that there might be more information coming from UBCM in this regard. Donna Dean mentioned that the RDKB is treating cannabis the same as other crops and growing is permitted wherever agriculture is listed as a permitted use.

Director Gee mentioned that Electoral Area 'E'\West Boundary has seen an influx of activity and it is predicted that upwards of 100-150 employees will be coming to the area.

6L. Review of Town Hall Meeting Process

There was discussion around the decline in public attendance at town hall meetings. Also discussed were the costs of holding town hall meetings and what the benefits and purposes are. There was general agreement that face-to-face town hall meetings are valuable. Staff asked the committee members to consider their objectives for the meetings; what topics they would like to see addressed; as well as the time of year the meetings would be most beneficial to their respective areas.

Moved: Director McGregor

Seconded: Director Gee

That the Staff Report by Frances Maika, Corporate Communications Officer, regarding 2019 Town Hall Meetings - Review of the process, be received. AND FURTHER that the Electoral Area Committee provide direction to staff on how to proceed.

Carried.

6O. Grant in Aid Letter

The committee members felt that one common letter template would be easier for Staff. There was discussion regarding wording in the letter and whether a letter of gratitude was needed from the recipient. Director Gee indicated that she would like letters similar to the Area 'A' letter to come to her.

(Director Grieve left the meeting following discussion of this agenda item)

5. UNFINISHED BUSINESS

Casey and Lori Hudson

RE: Development Permit

2122 West Lake Drive, Electoral Area 'C'/Christina Lake

RDKB File: C-3989s-09104.110

Moved: Director McGregor

Seconded: Director Gee

That the staff report regarding the Development Permit application submitted by Kyle Phillips on behalf of Casey and Lori Hudson to construct a single-family dwelling in the Environmentally Sensitive Waterfront Development Permit area on the parcel legally described as Block B, DL 3989s, SDYD, Electoral Area 'C' Christina Lake, be received.

Carried.

6. NEW BUSINESS

6B. Ed Vergeer

RE: Development Variance Permit

7865 McRae Road, Electoral Area 'C'/Christina Lake

RDKB File: C-4037s-07285.060

Donna Dean, Manager of Planning and Development, briefly reviewed the application and stated there is currently no principle residence on the property. The APC had no concerns and it was noted that the adjacent owner letters have been mailed.

Moved: Director McGregor

Seconded: Director Gee

That the Development Variance Permit application submitted by Ed Vergeer, to allow for a variance of the maximum height for an accessory building from 4.6 metres to 6.1 metres – a 1.5 metre variance, and a variance to the permitted gross floor area for storage buildings on a parcel that does not have a principal use or building from 60 m² to 169.1 m² – a variance of 109.1 m², to construct a storage building on the property legally described as Lot 12, Plan KAP31906, DL4037s, SDYD, Electoral Area 'C'/Christina Lake, be presented to the Regional District of Kootenay Boundary Board of Directors, with a recommendation of support.

Carried.

6C. Crawford Truck & Equipment

RE: Development Permit

1010 Commercial Way, Electoral Area 'B'/Lower Columbia-Old Glory
RDKB File: B-2404-06181.330

Moved: Director Gee

Seconded: Director McGregor

That the staff report regarding the Development Permit application submitted by Paula and Trevor Crawford, Crawford Truck and Equipment Repair Ltd. to construct a 2400 square feet (223.3 m²) addition to the front of their garage in the Industrial Development Permit Area on the parcel legally described as Lot 6, Plan NEP75381, DL 2404, KD, Genelle, Electoral Area 'B'/Lower Columbia-Old Glory, be received.

Carried.

6D. Lakefront Enterprises Ltd.

RE: Development Permit

450 Feathertop Way, Big White
RDKB File: BW-4222-07500.860

Moved: Director McGregor

Seconded: Director Gee

That the staff report regarding the Development Permit application submitted by Shauna Wizinsky, of Weninger Construction, on behalf of Lake Front Enterprises Inc., to construct a single family dwelling in the Alpine Environmentally Sensitive Development Permit area on the parcel legally described as Strata Lot 52, DL 4222, SDYD, Plan KAS3134, Big White, Electoral Area 'E'/West Boundary, be received.

Carried.

6E. Andrea Horan

RE: Development Permit

590 Feathertop Way, Big White
RDKB File: BW-4222-07500.925

Moved: Director Gee

Seconded: Director McGregor

That the staff report regarding the Development Permit application submitted by Shauna Wizinsky, Weninger Construction, on behalf of Andrea Horan, to construct a single family dwelling in the Alpine Environmentally Sensitive Development Permit area

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on the parcel legally described as Strata Lot 65, DL 4222, SDYD, Plan KAS3134, Big White, Electoral Area 'E'/West Boundary, be received.

Carried.

6F. North Grove Homes Ltd.

RE: Development Permit

420 Feathertop Way, Big White

RDKB File: BW-4222-07500.845

Moved: Director Gee

Seconded: Director McGregor

That the staff report regarding the Development Permit application submitted by Joshua Wiebe, on behalf of North Grove Homes Inc., to construct a single family dwelling in the Alpine Environmentally Sensitive Development Permit area on the parcel legally described as Strata Lot 49, DL 4222, SDYD, Plan KAS3134, Big White, Electoral Area 'E'/West Boundary, be received.

Carried.

6G. James Neal & Christie Bowman

RE: Development Permit

505 Feathertop Way, Big White

RDKB File: BW-4222-07500.650

Moved: Director Gee

Seconded: Director McGregor

That the staff report regarding the Development Permit application submitted by Shauna Wizinsky, Weninger Construction, on behalf of James Neal & Christie Bowman, to construct a single family dwelling in the Alpine Environmentally Sensitive Development Permit area on the parcel legally described as Strata Lot 10, DL 4222, SDYD, Plan KAS3134, Big White, Electoral Area 'E'/West Boundary, be received.

Carried.

6H. Brent Harley & Associates, Agent

RE: Development Permit

300 Happy Valley Road, Big White

RDKB File: BW-4216-Happy Valley Guest Services

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Moved: Director Gee

Seconded: Director McGregor

That the staff report regarding the Development Permit application submitted by Matt Bakker, of Brent Harley and Associates, on behalf of Big White Ski Resort, to construct a guest-services and central reservations building in the Commercial and Multiple Family Development Permit area on the parcel legally described as DL 4216, SDYD, Big White, Electoral Area 'E'/West Boundary, be received.

Carried.

6I. Joan Bartlett

RE: MOTI Subdivision

1800 Highway 3, Electoral Area 'C'/Christina Lake

RDKB File: C-750-04045.000

Moved: Director McGregor

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 Lot 6, Plan KAP2164, DL750, SDYD, Electoral Area 'C'/Christina Lake, be received.

Carried.

6J. Kim Drake

RE: MOTI Subdivision

85 Gobat Road S, Electoral Area 'B'/Lower Columbia-Old Glory

RDKB File: B-Twp9A-10882.100

Moved: Director McGregor

Seconded: Director Gee

That the staff report regarding the Ministry of Transportation and Infrastructure referral for a subdivision, for the parcel legally described as Parcel A, Plan NEPX62, Sublot 59, Township 9A, KD, Electoral Area 'B'/Lower Columbia-Old Glory, be received.

Carried.

6M. Grand Forks Rural Fire Protection Services
RE: Work Plan Update

Mark Andison, Chief Administrative Officer, reviewed the workplan update stating that there are presently 2 main projects - the purchase of a fire truck and the Carson Fire hall addition. The Carson Fire hall addition will be delayed.

Moved: Director McGregor

Seconded: Director Gee

That the Staff Report by James Chandler, General Manager of Operations/Deputy CAO, titled Grand Forks Rural Fire Protection Services - Work plan update, be received for information.

Carried.

6N. Christina Lake Fire Rescue
RE: Work Plan Update

Mark Andison reviewed the workplan and described the 3 current projects: NFPA 10-01 training; SCBA replacement; and the turnout gear replacement.

Moved: Director McGregor

Seconded: Director Gee

That the Staff Report by Joe Geary, Fire Chief Christina Lake Fire Rescue, titled Christina Lake Fire Rescue - Work Plan Update be received for information.

Carried.

6P. Grant in Aid Report

Moved: Director Gee

Seconded: Director McGregor

That the Grant in Aid report be received.

Carried.

6Q. Gas Tax Report

Moved: Director McGregor

Seconded: Director Gee

That the gas tax report be received.

Carried.

7. LATE (EMERGENT) ITEMS

There were no late/emergent items.

8. DISCUSSION OF ITEMS FOR FUTURE AGENDAS

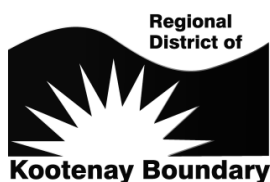
First Nations Referrals (Director Gee)

9. CLOSED (IN CAMERA) SESSION

A closed/in-camera session was not required.

10. ADJOURNMENT

There being no further business to discuss, Chair Worley adjourned the meeting at 5:55 p.m.



Electoral Area Services Committee Staff Report

| | | | |
|--------------|---|---------------|---------------|
| RE: | Planning and Development Department Annual Work Plan Progress to Date | | |
| Date: | September 12, 2019 | File # | PD_Admin_2019 |
| To: | Chair Worley and Members of the EAS Committee | | |
| From: | Donna Dean, Manager of Planning and Development | | |

Issue Introduction

The purpose of this report is to provide the EAS Committee with a second update on progress to date on the Planning and Development Department's Annual Work Plan, which was adopted in February 2019.

Operational Update

We successfully recruited a new Planner; Corey Scott, previously with West Kelowna, who started on August 26th. In addition Katie Erickson, a GIS coop student, who will be with us for 18 weeks started on September 3rd.

Our initial recruitment for a Bylaw Enforcement Coordinator was not successful so a Bylaw Enforcement Officer position will be posted the week of September 9.

Approximately 67 applications and referrals have been processed to date, which should make this an average year for current operations. We continue to regularly receive complaints about zoning bylaw and other infractions.

Project Updates

The table below includes a list of projects identified in the 2019 Work Plan and their status:

| | | |
|----|--|--|
| 1. | Continue Creation of the Rural Bridesville Land Use Plan | Ken Gobeil met with the Steering Committee on May 25 just before his last day with us. Now that we have a new Planner, Elizabeth will be meeting with the steering committee this month. |
| 2. | Continue Review of the Electoral Area 'C'/Christina Lake OCP | Elizabeth will be carrying on with this project and meeting with the steering committee in September. |

| | | |
|----|---|--|
| 3. | Continuation of the Boundary Area Agriculture and Food Project | Presentations were made to each of the Boundary municipalities regarding the creation of the Plan. The grant applications will be reviewed the week of September 9th. Eight applications were received with a total request of \$35,699. |
| 4. | Board of Variance Bylaw Review | This project has not started. |
| 5. | Production of Application Guidelines for the Public/Updated Web Content | Our new Planner Corey will be carrying on with this project. |
| 6. | Creation of a Strategic Plan for the GIS Program | The Senior Planning Technician is working on a list of tasks we would like the consultant to accomplish this year. |
| 7. | Asset Management Project | There has been limited involvement from the Planning and Development Department to date. |
| 8. | Mapping of Street Address Points to Coincide with Building Locations. | GIS staff continues to work with member municipalities to coordinate the address layer for the entire regional district and Katie is working on moving address points to roof tops, which will be beneficial for evacuation planning. |

Other Items:

- Staff is drafting an RFP for the Housing Needs Report as we received \$150,000 in UBCM funding.

Recommendation

That the staff report regarding the progress to date on the 2019 Planning and Development Department's Annual Work Plan presented on September 12, 2019 be received.

**STAFF REPORT**

| | | | |
|--------------|---|--------------|--|
| Date: | Sept 5, 2019 | File: | |
| To: | Electoral Area Services Committee | | |
| From: | Mark Daines, Manager of Facilities & Recreation | | |
| RE: | PROJECT STATUS REPORT-SERVICE 014 AREA B | | |

Issue Introduction: Project/Status Report

| AREA B RECREATION SERVICE 014 | | | | |
|-------------------------------|---|---------------|--------------|---|
| Initiation Date | Action / Issue | Budget (orig) | Actual Costs | Comments |
| July 1, 2019 | Gazebo Installation | \$2,500 | \$2,049 | Gazebo was purchased from Costco in Kelowna. |
| August 2019 | Oasis Community Park | | | Installation completed |
| Initiation Date | Action / Issue | Budget (orig) | Actual Costs | Comments |
| June 2018 | Bathroom renovation | \$70,000 | \$69,032 | Fairbank Architects was retained to provide drawings for the bathroom renovation. |
| October 2018 | Oasis Community Park and Hall and ground improvements | | | A grant application was made to CBT and was approved for \$15,000 |
| Feb. 2019 | Application for funding | | | Project was put out for RFQ. |
| | Initiated Procurement process. | | | Seib Contracting was awarded project based on lowest bid. |
| May 1, 2019 | Construction Commenced | | | Renovation was completed June 30, 2019 |

Staff Report/

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| Initiation Date | Action / Issue | Budget (orig) | Actual Costs | Comments |
|-----------------------------------|---|---------------|--------------|---|
| June 1, 2019 July 31, 2019 | Landscaping Project Rivervale Park | \$28,000 | \$22,000 | Project was awarded to Arrow Landscaping. Project completed. |
| Initiation Date | Action/Issue | Budget (orig) | Actual Costs | Comments |
| May 15, 2019 | Capital Asset Management Planning | | | A Capital Asset Management Course was available through the Federation of Canadian Municipalities. This course wasn't originally considered as part of the the initial 2019 work plan but the opportunity and timing of the course aligned with Capital Asset Planning for the RDKB. The Manager of Facilities and Recreation successfully completed the course in July 2019 receiving a Professional Certificate in Asset Management. |

Respectfully submitted:

**Mark Daines, Manager
of Facilities & Recreation**

Staff Report/

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**STAFF REPORT**

Date: August 29, 2019

| | | | |
|--------------|--|--------------|--|
| Date: | September 12, 2019 | File: | |
| To: | Electoral Area Services Committee | | |
| From: | Tom Sprado, Manager of Facilities and Recreation – Grand Forks and District Recreation Department | | |
| RE: | PROJECT STATUS REPORT – SERVICE 023, 024, 027 | | |

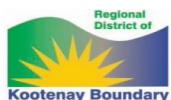
Issue Introduction: Project/Status report.

| Service Name | Project | Budget/Expense To date | Status |
|---|--|-------------------------------|---|
| Christina Lake Recreation Commission - 023 – Program Services | No projects in this Service | N/A | N/A |
| Recreation Facilities Christina Lake - 024 | Christina Lake Community Association – Completion of New Storage Building | \$25,000 | In Progress – Association required to submit actual invoices/receipts for payment |
| Christina Lake Regional Parks & Trails - 027 | Christina Lake Pedestrian Bridge | \$1,628,000 | Grant Application submitted – Canada-British Columbia, Investing in Canada Infrastructure – Rural and Northern Communities Program. Successful grant announcements expected in December 2019. |
| Christina Lake Regional Parks & Trails - 027 | Pickle Ball Court Project | \$100,000/\$58,279 | 80% Complete |
| Christina Lake Regional Parks & Trails - 027 | Archeological Impact Assessment Study | \$50,000 | Project (s) not identified or required for need of study. To be determine. |
| Christina Lake Regional Parks & Trails - 027 | New Trail Development from Cove Bay to Brown Road - Planning | \$5,000 | Volunteers Investigating and planning for possibilities that a trail can be develop. 10% completion |
| Christina Lake Regional Parks & Trails - 027 | Christina Lake Community & Nature Park Viewing Deck/Board Walk Project – Planning Only | \$20,000/\$2,732 | Environmental Application and a Tenure Agreement Amendment for the Dock Location is with Front Counter BC 60% of planning completed. |

Recommendation: Received for Information

Respectfully submitted:



**STAFF REPORT**

Meeting Date: April 10, 2019

| | | | |
|--------------|--|--------------|--|
| Date: | September 4, 2019 | File: | |
| To: | Electoral Area Services Committee | | |
| From: | Joe Geary – Fire Chief Christina Lake Fire Rescue | | |
| RE: | CHRISTINA LAKE FIRE RESCUE – WORK PLAN UPDATE | | |

Issue Introduction

Project/Statues Report

Background

The 2019 Work Plan was approved in March 2019.

Implications

| Project | Annual Budget | Cost to date | Projected spending for 2019 | Status |
|--|----------------------|---------------------|------------------------------------|--|
| Firefighter NFPA 1001 Professional qualifications training. Technical Rescue Training (Auto x, rope rescue ect.) First Responder Training. | \$35,300 | \$13,559.28 | \$34,934.28 | Currently all members of Christina Lake Fire Rescue (CLFR) are committed to ongoing training to meet with the Provincial Playbook standards. 90% of the department is at the Exterior level and now working towards completing Interior operations. Technical Rescue training is scheduled for the fall of 2019. First Responder train the trainer course scheduled for September 2019 |
| Replacement of Self Contained Breathing Apparatus (SCBA). | \$7000.00 | \$7000.00 | \$7000.00 | Purchased 14 used SCBA previously owned by Kootenay Boundary Regional Fire Services. The cost for the units was to service test before going back into service. Update: All members have been trained with the new SCBA, and the units are now in service. |

| | | | | |
|---|-------------|-------------|-------------|--|
| Turnout, wildland gear and boot Replacement | \$33,200.00 | \$13,559.28 | \$33,039.67 | <p>CLFR turnout gear is out dated and requires replacement to meet NFPA and work safe standards. 9 sets of replacement turn out gear have been ordered for the 2019 budget year. Remaining turnout gear will be replaced over the next 2 years.</p> <p>4 completed sets of Turnout gear and all wildland gear have arrived and in service.</p> <p>Still awaiting for 5 sets of turnouts and 6 sets of boots to arrive.</p> |
|---|-------------|-------------|-------------|--|



STAFF REPORT

Date: September 4, 2019
To: **Chair Russell and Board of Directors**
From: Chris Cormack, Fire Chief
Re: Update of Work Plan for the Big White Fire Department Service Number 054

File ?

Issue Introduction

A Staff Report from Chris Cormack, Fire Chief, Big White Fire Department which provides an update on the implementation of the projects outlined in the 2019 Work Plan for Service Number 054.

History/Background Factors

As part of the budgeting process is the development of Service specific Work Plan that outline planned projects for the year.

Implications

Service Number 054 – Big White Fire Department Projects

| Project | Budget | Status | Budget at completion (or spent to date) |
|--|---------------|---|--|
| Capital Acquisition – New Ladder Truck | \$1,117,465 | The truck is in production. Chassis to be completed in October with the first payment due. | \$121,585 to be paid this fall |
| IT Upgrade – Network server & upgrade to department website | N/A | A review of server requirements and website has been completed. New email addresses for staff have been implemented. Waiting on the IT department to implement the network upgrade and link the website. | N/A |
| Asset Management – Seismic assessment & evaluation of building condition | \$20,000 | The Deputy CAO and I met with a contractor/designer to review the building condition. We have not been able to find structural drawings of the original building or an engineer to complete the seismic assessment. We are anticipating a report on the condition of the building envelop in time for the first draft of the 2020 budget. | \$2,400 to date |

Advancement of Strategic Planning Goals

We will review and measure service performance and we will continue to focus on good management and governance.

Background Information Provided

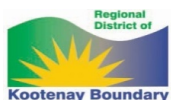
Service Number 054 - 2019 Work Plan

Alternatives

1. That the Board of Directors receive the report from Chris Cormack, Fire Chief of the Big White Fire Department titled "2019 Work Plan Service 054 – September Update" and dated September 4, 2019.
2. That the Board of Directors not receive the report.

Recommendation(s)

That the Board of Directors receive the report from Chris Cormack, Fire Chief of the Big White Fire Department, titled "2019 Work Plan Service 054 – September Update" and dated September 4, 2019.

**STAFF REPORT**

Meeting Date: Sept 12, 2019

| | | | |
|--------------|---|--------------|--|
| Date: | Sept 3rd, 2019 | File: | |
| To: | Electoral Area Services Committee | | |
| From: | James Chandler – GM Operations/Deputy CAO | | |
| RE: | GRAND FORKS RURAL FIRE PROTECTION SERVICES – WORK PLAN UPDATE SEPTEMBER 2019 | | |

Issue Introduction

To provide an update for capital projects and programs included within the Grand Forks Fire Service, 2019 Work Plan.

Background

The 2019 Work Plan was approved in March 2019.

Implications

| Project | Budget | Status |
|---|---------------|--|
| Carson Fire Hall – Renovation and new construction <i>No further updates for Sept 2019.</i> | \$730,000 | Design and construction services have been contracted through Fairbanks Architects. Total contract commitment of approx. \$50k. The project was recently tendered with only one contractor submitting a bid. The bid received was 40% over the estimated cost of construction. Options are now being considered to negotiate with interested contractors, if possible OR; To postpone and re-issue the tender late 2019 / early 2020. |
| Purchase of new pumper truck / engine | \$520,000 | The RFP and selection of supplier was completed late 2018. A contract and order was placed with Rocky Mountain Phoenix. Through final design and planning between the Fire Department and Rocky Mountain, anticipated costs based on the specification agreed are closer to \$500,000. Actual costs may vary, as a few changes and issues are identified through the final build and fit out of the truck. A 10% deposit has been paid for the cab and chassis. The truck is expected for delivery in approx. 10-12 months/early 2020. The truck build remains in progress, no further progress updates at this time. |

Recommendation:

That the report titled, Grand Forks Rural Fire Protection Services,– Work plan update September 2019, be received for information.

**STAFF REPORT**

Date: 12 Sep 2019 **File** ES - Various
To: **Chair Worley and Electoral Area Services Committee**
From: Janine Dougall, General Manager of Environmental Services
Re: 2019 Work Plans for Services 081 and 091 - September Update

Issue Introduction

A Staff Report from Janine Dougall, General Manager of Environmental Services which provides an update on the implementation of projects included in the 2019 Work Plans for the 081 and 091 Services.

History/Background Factors

As part of the budgeting process is the development of Service specific Work Plans that outline planned projects for the year.

Implications

081 Service – Mosquito Control – Christina Lake

| 2019 Project | Budget | Status |
|---|--------|--|
| Award new contract for mosquito control work – current contract with Morrow Bioscience Ltd. expires on January 31, 2020 | N/A | Not Initiated – Work planned to be started in the fall of 2019 |

It is planned to have the procurement process completed prior to the end of 2019 to allow for any updated costing to be included in the 2020 Budget process.

2020 Proposed Projects

At this time staff are investigating the need to include budget as well as staff time allocation to complete an update to the RDKB Pest Management Plan as the current authorization expires in April 2021.

091 Service – Noxious Weed Control - Christina Lake Milfoil

| 2019 Project | Budget | Status |
|---|---------------|---|
| Obtain 5 year Provincial authorization to work in and around water bodies | N/A | Complete – Authorization valid until April 30, 2024 |

| 2020 Proposed Projects | Budget |
|---|---|
| Replace Two Outboard Motors (90-115 HP) | \$32,000 (to be confirmed) - Reserve |
| Replace Breathing Regulators | \$unknown (costs currently under investigation) |

Advancement of Strategic Planning Goals

We will review and measure service performance and we will continue to focus on good management and governance.

Background Information Provided

Service 081 - 2019 Work Plan

Service 091 – 2019 Work Plan

Alternatives

1. That the Electoral Area Services Committee receive the report from Janine Dougall, General Manager of Environmental Services titled "2019 Work Plans for Services 081 and 091 – September Update" and dated September 12, 2019.
2. That the Electoral Area Services Committee not receive the report.

Recommendation(s)

That the Electoral Area Services Committee receive the report from Janine Dougall, General Manager of Environmental Services titled "2019 Work Plans for Services 081 and 091 – September Update" and dated September 12, 2019.



Mosquito Control - Christina Lake

2019 Work Plan



Mosquito Control - Christina Lake

2018

Janine Dougall, General Manager, Environmental Services



Mosquito Control - Christina Lake

2019 Work Plan

Service Name: Mosquito Control - Christina Lake

Service Number: 081

Committee Having Jurisdiction: Board of Directors

General Manager/Manager Responsible: Janine Dougall, General Manager of Environmental Services

Description of Service:

Service controls nuisance mosquitos in Electoral Area 'C'. Service is completely contracted out to a specialist contractor.

Control methods include aerial and ground based applications of larvaecide to kill mosquitos in the larvae stage. Contract work also includes monitoring, mapping as well as public education and response to complaint calls.

Establishing Authority:

Bylaw 766 adopted November 25, 1993. Bylaw 766 was established *"for the purpose of funding a mosquito and pest control service"*.

Requisition Limit:

Maximum tax requisition included in Bylaw 766 is \$25,000 or \$0.20/1000 of Net Taxable assessed value of Land and Improvements taxable for Hospital Purposes within Electoral Area 'C', (pre-converted), whichever is greater. The maximum calculated tax requisition is \$134,744.

2018 Requisition / Budgeted Expenditures / Actual Expenditures:

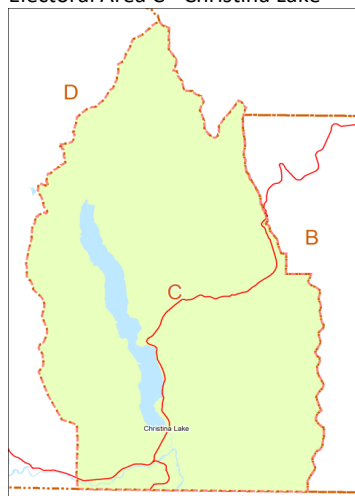
Requisition - \$18,835 / Budgeted Expenditures - \$34,359 / Estimated Actual Expenditures - \$30,818

Regulatory or Administrative Bylaws:

Not Applicable

Service Area / Participants:

Electoral Area C - Christina Lake

**Service Levels**

Control nuisance mosquitos at Christina Lake as resources, time and conditions permit.

Human Resources:

GM of Environmental Services (0.9% FTE), contracted control work (Morrow Bioscience Ltd.).

2018 Accomplishments:

2018 was a very challenging year for mosquito control work due to the flooding that significantly impacted the area, access and timing of treatment. The Kettle River reached record high levels in 2018, peaking on the 10th of May. These historically high river levels led to mosquito development sites that were spread out over large and unpredictable areas. Despite considerable aerial and ground reconnaissance events, some sites unfortunately were undetected which resulted in high levels of adult mosquito populations.

Ground treatments started on April 20, 2018 with aerial treatments initiated in May. Monitoring and mapping activities occurred throughout the mosquito control season. In low-water years, the aerial application portion of the Christina Lake mosquito program becomes less important because field staff can access most sites throughout the season. However, once the Kettle River levels approach flood stage and when local ambient temperatures are sufficiently high, certain sites become harder to treat by hand. Additionally, this year most sites became active with high mosquito abundance at the same point, making multiple large-scale aerial campaigns a necessity.

Images below were taken during an aerial treatment conducted five days following the peak in the Kettle River. Historically high flooding greatly hindered the ability to monitor sites due to road closures or unsafe access.



IMAGES NEAR CHRISTINA LAKE MOSQUITO DEVELOPMENT SITES NEAR THE KETTLE RIVER PEAK (MAY 2018) SHOWING HISTORICAL FLOODING SEVERITY AND STANDING WATER IN EXCESS OF ANY PREVIOUSLY RECORDED. PHOTOS COURTESY OF MORROW BIOSCIENCE LTD.

Drone technology was tested in the Granby area as a methodology for aerial application of larvaecide. It is predicted that the use of drone technology will reduce costs and yet be as effective as the use of helicopters. Unfortunately, although the test initially went well, the use of the drone was shut down by the Pest Management Regulatory Agency (Federal body that regulates pesticides and labels) due to a labelling issue. The Pest Management Regulatory Agency ruled that since drones are not specified on the label for the larvaecide, they could not be used to apply the product. Morrow Bioscience Ltd. is looking into avenues to obtain permission for the use of the drone technology in 2019.

Significant Issues and Trends:

Over the past three years high water levels and flooding events have impacted mosquito control work. The flooding in 2018 significantly changed water flow paths and sites not previously identified as mosquito habitat were flooded and dormant eggs hatched. The changes in weather patterns suggest that the flooding of mosquito habitats is becoming less predictable and this will result in greater challenges in conducting control work.

To test alternate control methods, over the past two seasons, the RDKB has installed bat and sparrow boxes to supplement the larvaeciding work. Observations of the installed boxes suggests that few individuals from the target species are living in the boxes. The habits of the target species suggest that

it will take a few seasons for the installed boxes to be fully occupied at which time the effectiveness in controlling mosquitos may be improved. It is concluded that presently, the efficacy of the alternate control methods is poor, however it is likely that there will be stakeholders that will wish to pursue these methods further.

2019 Program/Projects:

The 2019 mosquito control program will be dependent on weather patterns. At this time the budget has assumed a similar program and level of effort as that in 2018.

In 2018 West Nile Virus was detected in the Cranbrook area which may result in future changes to the RDKB program. It is anticipated that in 2019 this issue will be monitored and be considered in the development of subsequent contracts and future work plans.

The current contract with Morrow Bioscience Ltd. expires on January 31, 2020. As such, a project for 2019 will be a procurement process to allow for contract work to be initiated in the spring of 2020.



Noxious Weed Control - Christina Lake Milfoil

2019 Work Plan



Noxious Weed Control - Christina Lake Milfoil

2018

Janine Dougall, General Manager, Environmental Services



Noxious Weed Control - Christina Lake Milfoil

2019 Work Plan

Service Name: Noxious Weed Control Area 'C' - Christina Lake Milfoil

Service Number: 091

Committee Having Jurisdiction: Board of Directors

General Manager/Manager Responsible: Janine Dougall, General Manager of Environmental Services

Description of Service:

Eurasian water milfoil (milfoil) is an invasive aquatic plant. Once established it outcompetes beneficial native plant species and negatively impacts the ability of native fish species to spawn in gravel beds.

The service provides milfoil control in Christina Lake which protects and enhances the valuable regional, provincial, national and international recreational amenity that Christina Lake provides.

Milfoil is removed from the bottom of Christina Lake in the littoral zone, generally considered the portion of the lake less than 4 metres in depth, which is the optimal growing zone for Eurasian water milfoil. Two crews of commercial divers remove the milfoil by pulling individual plants from the lake bottom, literally weeding the lake bottom fronting private and public property.

Establishing Authority:

Service is established by Bylaw 531 adopted May 30, 1987, amended by Bylaw 817 adopted July 28, 1994. The purpose of the service establishment bylaw is, *"to undertake and carry out or cause to be carried out and provide eurasian water milfoil control for the said specified area and to do all things necessary in connection therewith"*.

Requisition Limit:

Tax requisition not to exceed \$.50/1000 of net taxable assessed value of Land and Improvements, (pre-converted), as per Bylaw 817, current maximum requisition is \$336,881.

2018 Requisition / Budgeted Expenditures / Actual Expenditures:

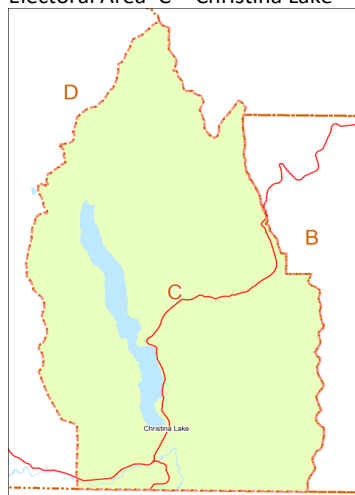
Requisition - \$288,324 / Budgeted Expenditures - \$327,504 / Estimated Actual Expenditures - \$327,051

Regulatory or Administrative Bylaws:

Not Applicable

Service Area / Participants:

Electoral Area 'C' - Christina Lake

**Service Levels**

Remove milfoil from Christina Lake as resources, time and conditions permit.

Human Resources:

GM Environmental Services (4.2% FTE), 1 Dive Supervisor, 1 Lead Hand, 5 Divers

2018 Accomplishments:

2018 saw 6 returning divers and a new member was hired in the spring for a total of 7 on crew, which was the same as in 2017. Start date for the program was April 30 for contracts and initial paperwork, with diving activities initiated on May 1. Crews worked for two and a half weeks, and then due to flooding, the program was put on hold until the end of May.

For the 2018 work plan the lake was divided into 7 distinct sectors with each sector having its own control times dependent on milfoil density, boat traffic activity and safety concerns. The south properties on both sides of the public beach continue to be a challenge, as the depth of water stays shallow for about 100m away from the low water line, and as such, there are hockey rink sized patches of milfoil growing in this area. These patches of milfoil are situated around mooring anchors, and as boats rotate around the anchors in the wind, they chop up and break off the tops of the milfoil plants

and perpetuate the growth around the mooring balls. The clay in the lake bottom in this area makes picking roots particularly difficult, and the fine grain size makes visibility very limited.

Given the delay at the beginning of the season it is estimated that diving operations will end around Oct 27, 2018. It is anticipated that by the end of the 2018 dive season, a full two laps around the lake as well as additional work in the south and around the resorts will be completed.



Significant Issues and Trends:

There are a number of new aquatic invasive species showing up in Christina Lake, for example, a non-native water lily. Many residents, particularly owners of lake front property have requested that the milfoil crews do control work on the non-milfoil species. This request has regulatory and legal issues as well as practical considerations (species identification and removal that does not harm native species).

In the fall of 2018, through the coordination with Provincial Government representatives and funding provided by FLNRORD Kootenay Region – Ecosystem Section, a pilot project is planned to be completed to test the effectiveness of removal of the non-native fragrant water lily using dive crew members. The results of this trial will aid in determining appropriate control methodologies and planning regarding potential future control work. It is anticipated that the issue of control of other aquatic invasive species will become a larger issue over the next few years.

Another consideration in the overall program funding is ensuring that sufficient monies are placed in reserve to allow for the replacement of the outboard motors that were transitioned to the new dive boat. It is anticipated that the replacement cost for these motors will be approximately \$30,000 and based on the number of hours used per year, the motors will require replacement within the 2019-

2023 budget timeframe. Currently this expense has been budgeted for 2020 with costs to be covered by reserve monies.

2019 Proposed Program / Projects

The program proposed for 2019 is similar to that completed in 2018.

In advance of the 2019 work season commencing, the RDKB will be applying for a 5 year Provincial authorization to work in and around water bodies. This authorization is required for the milfoil program and normally is issued on an annual basis. In special cases, the Province will consider multi-year permits of up to five years. Discussions with provincial officials suggest that the RDKB milfoil program is an ideal candidate for extended term permits. Acquiring a five year permit will streamline regulatory compliance.



Mosquito Control - Christina Lake

2019 Work Plan



Mosquito Control - Christina Lake

2018

Janine Dougall, General Manager, Environmental Services



Mosquito Control - Christina Lake

2019 Work Plan

Service Name: Mosquito Control - Christina Lake

Service Number: 081

Committee Having Jurisdiction: Board of Directors

General Manager/Manager Responsible: Janine Dougall, General Manager of Environmental Services

Description of Service:

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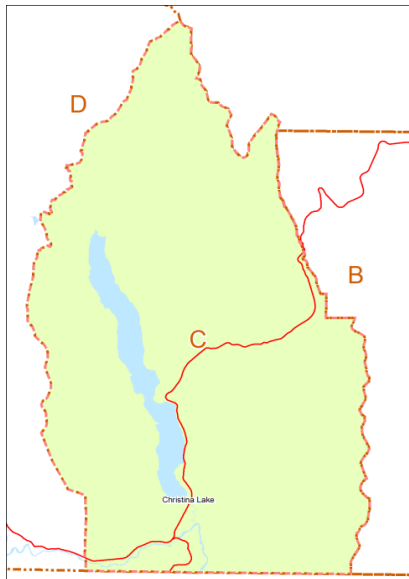
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Noxious Weed Control - Christina Lake Milfoil

2019 Work Plan



Noxious Weed Control - Christina Lake Milfoil

2018

Janine Dougall, General Manager, Environmental Services



Noxious Weed Control - Christina Lake Milfoil

2019 Work Plan

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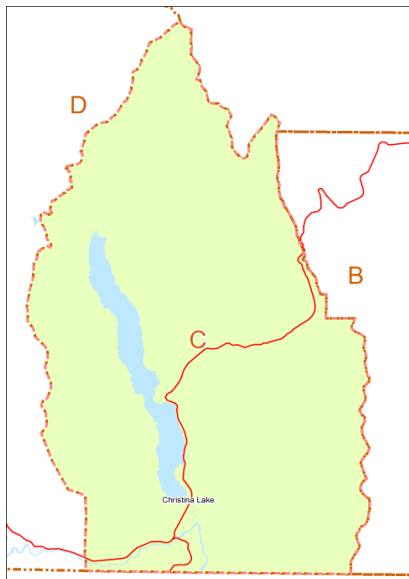
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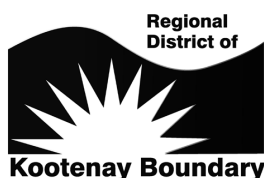
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Electoral Area Services (EAS) Committee Staff Report

| | | | |
|--------------|--|----------------|-----------------|
| RE: | Site Specific Exemption from the Floodplain Bylaw - Dovedoff | | |
| Date: | September 12, 2019 | File #: | D-519-03189.000 |
| To: | Chair Worley and members of the EAS Committee | | |
| From: | Corey Scott, Planner | | |

Issue Introduction

We have received an application for a Site Specific Exemption from the Floodplain Bylaw for proposed structural changes to a single family dwelling in Electoral Area D/Rural Grand Forks (see Attachments).

| Property Information | |
|--------------------------------|---|
| Owner(s): | Geraldine and Jimmy Dovedoff |
| Applicant/Agent | Bernie Penner, Pennco Engineering (BC) Ltd. |
| Location: | 5795 Beatrice St, Electoral Area D/Rural Grand Forks. |
| Legal Description: | Lot 2, Plan KAP4769, DL 519, SDYD |
| Area: | 0.3 ha (0.85 acres) |
| Current Use(s): | Single Family Dwelling |
| Land Use Bylaws | |
| OCP Bylaw No. 1555 | Agricultural Resource 1 |
| DP Area | NA |
| Zoning Bylaw No. 1299 | Agricultural Resource 1 (AGR1) |
| Other | |
| ALR: | Entirely |
| Waterfront / Floodplain | Kettle River Floodplain |
| Service Area: | Grand Forks Irrigation District |
| Planning Agreement Area | Grand Forks |

History / Background Information

The subject property, which is located in Johnson's Flats, is immediately south of the boundary of the City of Grand Forks. The dwelling is approximately 180 metres from the Kettle River, thereby meeting the setback requirement of 30 metres. However, the dwelling does not meet the required flood construction elevation.

The subject property was created by subdivision in 1949, along with Lot 1 located to the south. The residence on the subject property is reported by BC Assessment to have been constructed in 1945.

The subject parcel and surrounding lands were heavily impacted by flooding in May 2018 when the Kettle River jumped its banks and flowed in a northeasterly direction. The direction of flow can be seen in the post flood ortho photo of the area. The overland flow caused structural damage to the dwelling making it uninhabitable.



Proposal

The proposal is for a Site Specific Exemption from the Floodplain Bylaw in order to make structural changes to the foundation of the single family dwelling to make it habitable again. Pennco Engineering estimates the floor level of the dwelling as 516.3 metres, while the flood construction level in the Floodplain Bylaw for that area is 517.5 metres (interpolated from the Floodplain Map for that reach of the Kettle River); a difference of 1.2m.

Bernie Penner, P.Eng, Pennco Engineering Ltd, provided two reports as part of the application: the June 11th report summarized an inspection of the home and provided details regarding the structural changes required for the foundation to make the dwelling habitable again. A second report, dated July 24, provides more details regarding the site specific exemption. Both reports are attached as well as a structure plan sketch for the site and a letter describing the application.

The applicant states that complete demolition and reconstruction of the dwelling to meet floodplain elevation standards is not financially feasible for the owners. The structural changes recommended in the application provide a method for the homeowners to address the safety issues that the house currently has and enable the owners to return home.

The July 24 Pennco Engineering report states that there are currently no safety concerns from an engineering perspective that would prevent the property from being used for residential purposes. It also states that it cannot be guaranteed that future flooding would not occur and that damage to the structure would not occur again. Thus, Pennco proposes that the homeowners absorb the financial risk of potential future damage if they wish to continue living in the house and are unable to obtain future insurance coverage for flooding events.

Implications

The *Local Government Act* (LGA) states that a person may be exempted from the requirements of a floodplain bylaw in relation to a building or structure on the parcel of land, if the local government considers it advisable and either considers that the exemption is consistent with Provincial guidelines, or that the applicant has received a report from a professional engineer or geoscientist stating that the land may be used safely for the use intended.

The July 24 Pennco Engineering report outlines the rationale for why the requested exemption should be supported based on three factors summarized below that are outlined in greater detail in the report:

1. The home was constructed in 1945 prior to any zoning or floodplain bylaws being in place and the structural changes will not contravene those bylaws any further. The report suggests that it is reasonable to "suggest that the structure be rebuilt to its original condition, rather than being subjected to the current adopted standards of today";
2. "The foundations would likely have been damaged even more than they are now" if the house had the main floor set above the 2018 flood level. The reports say that the additional damage would have occurred because there would have been more headroom in the crawl space and basement areas where the flood waters would have flowed; and
3. The report references the fact that renovations to an existing building, where there is no further contravention of a floodplain bylaw, can be exempt from the bylaw.

There is a distinction between what is considered a repair vs a structural alteration and the changes being proposed are structural. Repairs would include works such as: replacing shingles on a roof; replacing siding; partial fixing, patching, or filling in cracks of a foundation; and replacing a door with the same size or smaller door. Structural alterations would include: anything more than partially fixing, patching, or filling in cracks of a foundation; changes to framing of an exterior wall; replacing all of the base flooring, and replacing joists; and inserting a larger door.

The report describes how the repaired foundation would provide a structure that is more resistant to possible future flood damage. However, the applicant does not

provide assurance that the safety of the building will be maintained during future flooding events.

The Pennco report states that "once the foundations are repaired, the home would be considered structurally sound with the current elevation of approximately 516.3m being appropriate for the intended use."

The professional report proposes that the homeowners would need to accept the financial risk of future flooding events if they continue to live in the current location. A covenant between the property owners and the RDKB should the Board consider granting the site specific exemption, would save the RDKB harmless from future flooding; however the terms cannot extend to private or public insurance coverage.

This parcel was not identified as one to be bought out with the federal-provincial grant and the owners were not able to obtain Disaster Financial Assistance from the Province because they had private insurance. This portion of rural Grand Forks is very susceptible to flooding and will flood again in the future.

Advisory Planning Commission (APC)

The application was presented to the Electoral Area D/Rural Grand Forks APC at their September 3, 2019 meeting. An excerpt of comments and concerns from the APC's minutes follows:

- "Does this align with the city's mitigation plans for adjacent properties?"
- Is a reasonable request and would resolve a hardship for existing property owners.
- Must be a covenant to protect RDKB
- If the property floods again, will there be a risk to first responders to rescue the residents?"

The application is supported by the APC conditional upon the registration of a Section 219 covenant on title to prevent any financial risk to the RDKB in the event of future flooding.

With regard to the question regarding alignment with the City's mitigation plans for adjacent properties, the extent of the damage for those properties and whether repairs or structural changes were required was not known at the time this report was prepared.

Regarding the last question, where there is a need for first responders there is always a risk associated with the rescue of residents. As such, it is a fair assumption that if flooding occurs again on the property, there would be some level of risk involved; however that risk is reduced when property owners follow evacuation orders.

Planning and Development Department Staff Comments

The Pennco report states that raising the house to the 1:200 flood construction level would require a complete demolition and reconstruction of the home. Given that the property owners are willing to take on the risk of future flooding, staff suggests the application be supported subject to registration of a covenant on title. The structural repairs will allow the owners, who have been displaced from their home for over a year, to return home. While this is not the desired long term approach to mitigating the risk of flooding for this home, it appears to be the only viable option for these home owners without an incentive program, which is not available in this neighbourhood.

Recommendation

That the application for a Site Specific Exemption to the Floodplain Management Bylaw submitted by Pennco Engineering (BC) Ltd., on behalf of Geraldine and Jimmy Dovedoff, in order to carry out structural repairs to the existing dwelling on the property legally described as Lot 2, Plan KAP4769, DL 519, SDYD be presented to the Regional District Board of Directors with a recommendation of approval, subject to: adherence to all the recommendations included in the Professional Engineering Reports, prepared by Pennco Engineering (BC) Ltd., dated June 11, 2019 and July 24, 2019 and the owner registering a new standard floodplain covenant on title in favour of the Regional District of Kootenay Boundary.

Attachments

Site Location Map
 Subject Property Map
 Pennco Engineering Report – June 11, 2019
 Pennco Engineering Report – July 24, 2019
 Structure Plan Sketch
 Letter Describing the Application

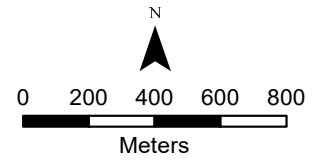


Regional District of
Kootenay Boundary

Date: 2019-08-02

Site Location Map

Lot 2, Plan KAP4769, DL 519, SDYD



1:20,000



Document Path: P:\PD\EA_D\ID-519-03189.000 Dovedoff\2019-July Floodplain Exemption\2019-08-02_Dovedoff_SLM.mxd

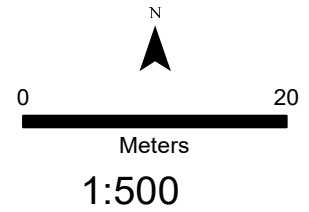


Regional District of
Kootenay Boundary

Date: 2019-08-02

Subject Property Map

Lot 2, Plan KAP4769, DL 519, SDYD

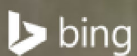


Beatrice Street

5795

Subject Property

5785



Document Path: P:\PD\EA_D\ID-519-03189.000 Dovedoff\2019-July Floodplain Exemption\2019-08-02_Dovedoff_SPM.mxd



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Tuesday June 11, 2019

Pennco File: 19-1425

Sedgwick Canada Inc.
Suite 368, #113 - 437 Martin Street
Penticton BC V2A 5L1

Via e-mail: Scott.McLaren@sedgwick.com

Attention: Mr. Scott McLaren, Senior Adjuster

Dear Mr. McLaren,

Reference: Inspection of Dovedoff House at 5795 Beatrice Street, Grand Forks BC

Sedgwick File: 913160237481

Insurer: Canadian Northern Shield

CNS Claim No.: 000-01-05991

Policy #: CNSRHC2204

Loss Location: 5795 Beatrice Street, Grand Forks BC

Legal Description: Lot 2 Plan KAP4769 District Lot 519 Land District 54

Insured Name: Mr. and Mrs. Jim & Geraldine Dovedoff

Date of Loss: May 10, 2018 (assumed)

1.0 INTRODUCTION

Mr. Bernie H. Penner, P.Eng. of Pennco Engineering (BC) Ltd. (Pennco), a consulting engineering firm based in Nelson BC inspected a house located at 5795 Beatrice Street in Grand Forks, BC. The Kettle and Granby Rivers overtopped their banks in early May 2018 and flooded most of the low-lying areas of Grand Forks and surroundings. The Kettle River encircles the Dovedoff property on the south and east sides and on or about May 10, 2018 the river rose significantly and flooded the Dovedoff house.

As referenced by BC Assessment, the house was originally constructed in 1945 and has no sales history within the past three years. The house is a single-story bungalow of approximately 1,163 square feet in size with three bedrooms and one bathroom all on the main floor. The house also includes a small basement of perhaps 25% to 33% of the house foot print size with the remainder being crawl space. In addition, there is a single car garage located at the north end of the house and accessed from the west side.

Mr. Penner met Mr. Scott McLaren of Sedgwick, several staff members from Plan B Contractors, and the homeowner, Mr. Jim Dovedoff on site on Monday April 08, 2019, at which time Mr. Penner undertook a visual inspection that included some hand tool measurements (carpenter's level) of the basement and exterior of the house. The intent of the inspection was to assess the foundation and structure for damages, provide an opinion of the severity of damages, and recommend a cost effective repair strategy to rehabilitate the house, as required. Further inspections were made on Thursday May 23, 2019 by Mr. Penner and on Thursday June 06, 2019 by Mr. Penner and Mr. Linden Jennings, EIT of Pennco.



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After the initial site inspection, Mr. Penner met Mr. Robert Silva, RBO, a building and plumbing official with the Regional District of Kootenay Boundary (RDKB) in Grand Forks. Further communications were held with Ms. Donna Dean, RPP, P.Ag., Manager of Planning & Development with RDKB in Trail, to try to establish if the Dovedoff house was (or could be) exempt from RDKB's Floodplain Bylaws. An application for exemption of the flood plain bylaws will be made on behalf of the owner.

2.0 OBSERVATIONS

Mr. Penner made the following observations over the course of three separate inspections:

1. The house consisted of an original structure and what appeared to be several renovations or additions made to the house (at different times). The homeowner indicated that the most southerly part of the house was to be demolished and not rebuilt. The interior of the home had been gutted at the time of inspections with the floor structure and exposed soil visible, in some locations;
2. The crawlspace under the home contained a small basement section with a concrete floor and short cast-in-place concrete walls under the west side of the house as well as a sloped concrete ramp leading to the basement (from the west side) that may have been used as a coal chute in the past perhaps. The foundations for the remainder of the home extended beyond the perimeter of the basement section into crawlspaces with exposed soil and were founded on independent footings (see Figure 1);
3. The floor structure consisted of 2" x 6" joists spanning up to approximately 10' and spacings of 16" to 24". Plank flooring of an unknown size was installed on top of the joists. The joists were supported on peeled logs of approximately 6" diameter spanning the width of the home. The joists appeared to be resting on the logs and fasteners were not observed. The peeled logs were supported on timber posts or blocks that varied in size at approximately 4" x 4" members that in turn rested on independent pad footings of unknown construction (some concrete, some timber). All connections between members were unknown. The framing observed was of non-conventional construction practices and considered substandard in regards to meeting the building code (see Figure 2);
4. A crack was observed at the bottom of the north wall of the coal chute on the west side of the house that ran the full height of the wall, approximately 2'. The crack was damp and the shape and condition indicated that it was likely pre-existing;
5. The soil in the crawlspace was a sandy, non-cohesive material with uniformly sized fine particles that appeared to be prone to erosion;
6. Evidence of erosion was identified on the north side of the crawl space. Minor undermining of pad footings was observed and paths were eroded into the subgrade soil by what was most likely flowing floodwater (see Figure 2);
7. Part of the house was supported on grade beams around its perimeter on the west, south, and north sides that were visible from both the crawlspace and exterior. The beams appeared to be cast-in-place directly on sandy soil (presumed to be native), and it was not known if they were reinforced. The beams did not have the required depth and cover for frost protection (see Figure 3);



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8. The grade beams along the south side of the house were undermined on the interior side due to erosion of the sandy sub-grade material supporting them. Portions of the beams were completely unsupported due to what appeared to be eroded foundation material (see Figure 4); and
9. The southeast corner of the house fascia appeared to be at a lower elevation than the rest of the fascias, with the roofline visibly sagging in this location when viewed from the east side looking west (see Figure 5).

3.0 CONCLUSIONS

The main concern noted with the Dovedoff house is undermining of the grade beams, specifically along the south side. The grade beams are foundations for the house and transfer all vertical loading to the ground, and are an integral component of the structure. The subgrade soil the house is founded on is a sandy material that is prone to erosion. In some locations, the soil has been completely washed away under the grade beams, leaving them unsupported. In addition to the evidence of large voids under the grade beams, it was also noticed that the southeast fascia board of the house appeared to be at a lower elevation than the remainder of the fascia boards, which suggested that the corner might have settled, or possibly still is settling. The author reasonably concludes this is likely due to erosion of the sub-grade supporting material at this location of the house, causing the supporting grade beams to either distort under load (bending), or be displaced into the voids (sliding). The use of grade beams is not a suitable foundation alternative to support a house, due to the lack of frost protection and likelihood of movement during freeze/thaw cycles.

Based on observations of the floor framing and support system, the author also concludes that the floor support system of beams, posts, blocks, and pads is substandard and requires upgrading to meet current 2018 BC Building Code. In addition, and based on experience with similarly aged buildings, it is believed that there are likely no footings constructed at the base of any of the house foundation walls. Assuming there are no footings, the house appears to have functioned well and we do not recommend installing footings on this house.

4.0 RECOMMENDATIONS

Based on the author's experience as a professional engineer and as a former registered HPO builder, we recommend undertaking the following repairs:

1. Segmentally construct strip footings along the south end of the building extending 12-15' up the east and west sides to replace the undermined grade beam. Construct the new strip footings in 4' maximum sections, while supporting the structure, and underpin the existing structure to the new footing. Excavate as necessary to allow work to be completed and formwork to be built;
2. Install approximately eight concrete pads and posts in the crawl space area with the following details. Concrete pads (30 MPa compressive strength) should be 24" square by 8" thick with three short pieces of 12M rebar installed in each direction. Posts should be pressure-treated 6" x 6" timber posts connected to the undersides of the floor beams. Spacing between posts should be 8' maximum. Posts should be anchored to the concrete pads with steel brackets and the tops of posts tied to the timber beams with steel T-plates $\frac{1}{16}$ or $\frac{3}{32}$ inch thick minimum plate thickness and fastened with $\frac{3}{8}$ inch diameter by 4" long lag bolts; and



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3. Assess the southeast corner of the home for sagging of the roofline, with additional attention to the condition of the roof system. Jack and level the walls prior to installing concrete foundation walls.

5.0 CLOSURE

This letter report was prepared for use by Sedgwick Canada Inc. and may be reproduced and distributed as required for their purposes. The assessment was made in accordance with generally accepted engineering practice. Engineering judgment based on similar experience was applied in developing conclusions and recommendations contained herein. No other warranty is made, either expressed or implied.

Yours truly,

Pennco Engineering (BC) Ltd.



Mr. Bernie H. Penner, P. Eng.
Senior Engineer and Principal
Attachments: Photographs



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Figure 1: Basement Wall and Typical Crawlspace (Looking South)



Figure 2: North Crawlspace Foundation Wall (Soil Eroded) and Typical Floor Framing (Looking East)



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Figure 3: Foundation Grade Beams at South End of House (Looking East)



Figure 4: Undermined Grade Beam



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Figure 5: Roof Sagging at Southeast Corner of House (Looking West)


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Wednesday July 24, 2019

Pennco File No. 19-1425

 Manager of Planning & Development
 Regional District of Kootenay Boundary (RDKB)
 2140 Central Avenue
 Grand Forks, BC V0H 1H0

Attention: Ms. Donna Dean, RPP, P. Ag., Manager of Planning & Development – RDKB
Reference: 5795 Beatrice Street, Grand Forks BC Site Specific Flood Exemption Application

Please consider this letter as follow-up documentation to our previously submitted application for a site specific floodplain exemption for 5795 Beatrice Street in Grand Forks, BC owned by Jim & Geraldine Dovedoff. This home was damaged in the wide-spread 2018 flooding with damage generally limited to the basement, foundations, main floor, and main floor walls. Mr. Bernie H. Penner, P. Eng., of Pennco Engineering (BC) Ltd. (Pennco) assessed the home on numerous occasions to determine the extent of structural damage and prepared a repair plan for the foundation to make the home livable. He submitted the original application package for the exemption on June 11, 2019 with the subsequent request for additional information to be provided by Pennco before the application could be reviewed. After reviewing the relevant and available documentation pertaining to floodplain elevations in the area, the following information is presented for consideration as support to move forward with the site specific exemption for the property.

As you are aware, the property at 5795 Beatrice Street is in close proximity to the Kettle River as well as being on the border between the City of Grand Forks and the Regional District of Kootenay Boundary (RDKB) jurisdictions. The property is within the limits of the RDKB, as shown on the map included in Appendix A for reference. Both jurisdictions have their own bylaws regarding floodplains (Floodplain Bylaw No. 1402 for the City of Grand Forks and Bylaw No. 677 Floodplain Bylaw for Certain Lands Within the RDKB) and have similar requirements for new construction habitable floor levels to meet design standards for a 1 in 200 year frequency flood. Both documents also reference the same floodplain map dated September 30, 1992 identifying the 1 in 20 and 1 in 200 year frequency floods for the area around the Granby and Kettle Rivers. Drawing 90-34-5 is the relevant page for the Dovedoff residence (included in Appendix B for reference) and identifies the 1 in 20 year frequency flood elevation as 517.7m and the 1 in 200 year frequency flood as 518.0m (geodetic reference). While the exact elevation of the Dovedoff residence is unknown, it has been estimated to be between 516.2m and 516.4m from the contours provided on the floodplain map and taken to be 516.3m for the purposes of this letter, assuming the underside of the main floor is at ground level (based on past assessment). This elevation is below the required flood construction level. A site survey has not been completed to determine the exact elevation of the main floor, due to the associated time and effort required. Note that this information could be gathered at a later date if necessary.

Survey data of the high-water points obtained during the 2018 flood were provided for review. The data were collected by A.F. Hoefsloot, BCLS, on June 13, 2018. A shot was taken at 5750 Division Street, slightly southwest of the Dovedoff residence, with an elevation of 517.13m. This elevation is above the estimated 516.3m floor level of the Dovedoff residence but lower than both the 1 in 20 and 1 in 200 year flood levels for the area.


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Following the RDKB bylaw, the Dovedoff residence is required to meet the 1 in 200 year flood elevation of 518.0m which would require complete demolition and reconstruction of the home. This requirement is not feasible for the home owners and thus an exemption is being sought to allow the repairs to be completed for the house and upgrades made to the foundations. One of the main reasons for making the exemption request is that the homeowner's insurance policy is limited to flood damage repair work and some code upgrades, which are planned for the foundations. Currently, the value of the home as assessed by BC Assessment is \$1000 (as of July 01, 2018), but the majority of the structure is salvageable and repairable from an engineering standpoint. Rebuilding is a financial burden that the homeowners are unable to take on themselves. Repairing, in comparison to reconstruction, is realistic and would allow the family to return to their home after being displaced since approximately May 10, 2018. Note that recent news reports of proposed government backed buyouts of homes in certain flood-prone areas of Grand Forks is not realistic or practical.

In support of repairing the foundation through the site specific floodplain exemption, the following arguments are presented for consideration. Firstly, the home was constructed in 1945, decades before Bylaw No. 667 was adopted in 1995, and was not designed with future considerations for flooding. It is reasonable to suggest that the structure be rebuilt to its original condition, rather than being subjected to the current adopted standards of today. Repairing the foundation in situ would bring that portion of the structure into accordance with the 2018 BC Building Code while repairing the remaining structure would include upgrading things such as increasing the insulation values.

When reviewing the "Local Government Act, Part 14 – Planning and Land Use Management, Division 14 – Non-Conforming Use and Other Continuances, Clause 529":

"(1) If the use and density of buildings conforms to a land use regulation bylaw but:

- (a) The siting, size, or dimensions of a building or other structure constructed before the bylaw was adopted does not conform with the bylaw,

The building or other structure or spaces may be maintained, extended, or altered to the extent authorized by subsection (2).

- (2) A building or other structure or spaces to which subsection (1) applies may be maintained, extended, or altered only to the extent that:

- (a) The repair, extension, or alteration would, when completed, involve no further contravention of the bylaw than that existing at the time the repair, extension, or alteration was started."

Repairing the foundation would bring the structure back to its original condition and would not contravene Bylaw No. 677 any further than it is currently. Had the flooding in 2018 not occurred, the home would likely still be standing in its original condition without issue. The building conforms to the land use of rural residential, being zoned as Agricultural Resource 1, as per Map 1. The use as a dwelling unit with one single family dwelling is in accordance with Policy 19.4.4 of the RDKB Electoral Area 'D'/Rural Grand Forks Official Community Plan Bylaw No. 1555, 2016.

Secondly, if this house had the main floor set above the 2018 flood level, but with the existing foundation support structure in place, the foundations would likely have been damaged even more than they are now as there would have been more headroom in the crawl space and basement areas to accommodate more unimpeded flood waters (thus more impact and erosion forces).



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The grade beams supporting the house were founded on subgrade material prone to erosion and this would not have been improved by increasing the height of the foundation walls. The foundation design appears to be the weak point of the house.

Thirdly, citing the Provincial Flood Hazard Area Land Use Management Guidelines (2004) Section 4.5 Ancillary Buildings, Carports, Garage, Entryways, and Renovations to Existing Buildings:

“Requirements for flood proofing through the use of elevation may be waived for:

- A renovation of an existing building or structure that does not involve an addition;
- That portion of a building or structure that is to be used as a carport, garage or entryway; and
- Other minor buildings such as storage buildings, porches and domestic greenhouses.”

Pursuant to the above guidelines, the repair to the foundation could be considered a renovation to an existing structure that does not involve an addition and thus would not be subject to the requirements of floodproofing the structure by increasing the overall elevation of the home.

On behalf of the homeowners and insurance company, Pennco recommends RDKB granting a Flood Plain Bylaw exemption for 5795 Beatrice Street so repairs can be made to the house that would where necessary, meet or exceed the current 2018 BC Building Code standards. Presently, there are no safety concerns from an engineering perspective that would prevent the property from being used as intended for residential space. Once the foundations are repaired, the home would be considered structurally sound with the current elevation of approximately 516.3m being appropriate for the intended use. However, the structure would still be prone to future extreme flooding events and that must be an accepted and expected risk by the homeowners. It cannot be guaranteed that future flooding will not re-occur and that damage to the structure will not take place. As such, the homeowners would need to accept the risk financially if they wish to continue living there and are unable to obtain insurance to cover future flood events.

The suggested repair plan for the foundation includes addressing the undermined grade beams that act as the foundation for the house by replacing them with strip footings constructed segmentally and underpinned to existing as well as adding new concrete pad footings in the crawlspace. Compared to the existing structure, the repaired structure would be less prone to erosion from future flooding due to the increased foundation depth and protective cover of the new strip footings. This would make the structure more robust and resistant to possible damage moving forward while retaining the existing above-grade framing to decrease cost and increase the speed of repairs, making it an economical and expedient option for the homeowners to return to their home. However, like the original construction, this option will not meet the current floodplain bylaw.

We hope that the above information is sufficient to consider a site specific floodplain exemption for 5795 Beatrice Street in Grand Forks, BC. The homeowners are eager to return to their home and re-establish a sense of normalcy in their lives and the opportunity to repair the house would allow them that. Please contact the undersigned if any further details are required. Thank you.

Applicant's Submission

**PENNCO ENGINEERING (BC) LTD.**Suite 201 - 601 Front Street; Nelson, BC V1L 4B6
Phone: (250) 354-0112; Fax: (250) 354-0113; e-mail: bernie@pennco.ca

Respectfully submitted,
PENNCO ENGINEERING (BC) LTD.

Reviewed By:

Bernie H. Penner, P. Eng.
 Senior Engineer & Manager

Bernie H. Penner, for
 Linden Jennings, EIT
 Junior Engineer

Appendices

- A RDKB Map of 5795 Beatrice Street, Grand Forks BC
- B Screenshot of Relevant Section of Drawing 90-34-5 Flood Map

Works Cited

Bylaw No. 677 Floodplain Bylaw for Certain Lands Within the RDKB, (2004)

Local Government Act, (RSBC 2015), Chapter 1, Part 14, Division 14 Non-Conforming Use and Other Continuances Section 529

Map 1. Land Use Designations, Electoral Area 'D' / Rural Grand Forks Official Community Plan Bylaw No. 155, (2016), Regional District of Kootenay Boundary

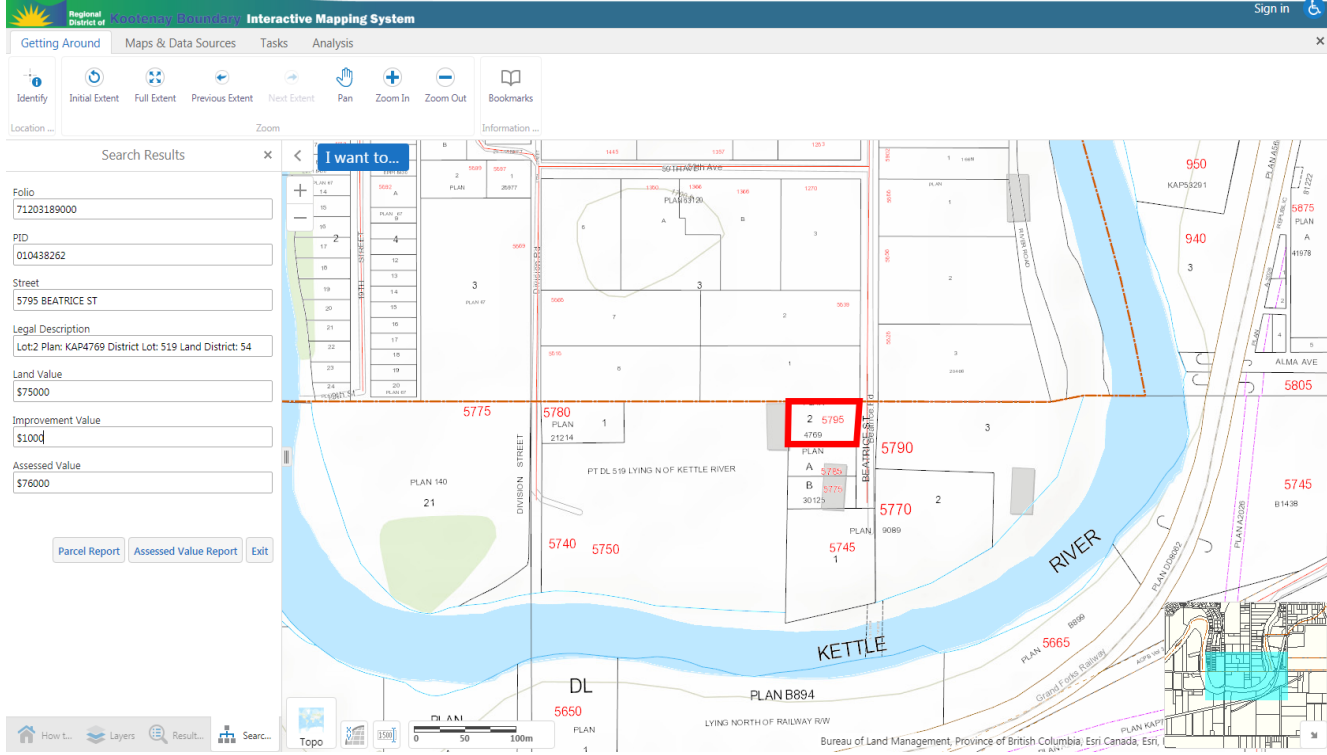
Provincial Flood Hazard Area Land Use Management Guidelines (2004), Ministry of Water, Land, and Air Protection, Province of British Columbia

Provincial Flood Hazard Area Land Use Management Guidelines (2004), Section 4.5 Ancillary Buildings, Carports, Garage, Entryways, and Renovations to Existing Buildings

RDKB Electoral Area 'D'/Rural Grand Forks Official Community Plan Bylaw No. 1555 (2016), Policy 19.4.4



Appendix A RDKB Map of 5795 Beatrice Street, Grand Forks BC

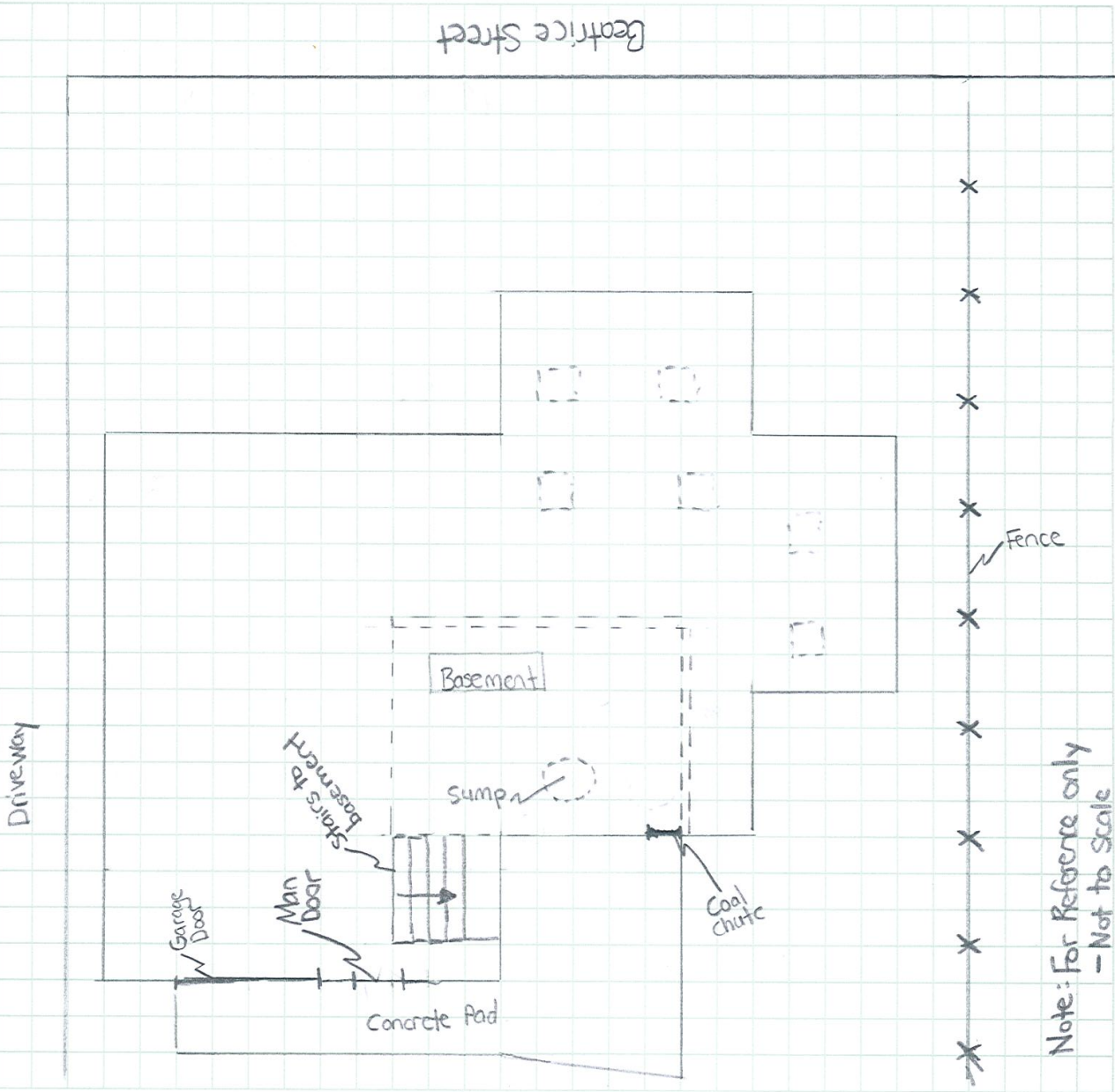


(Retrieved from
https://rdkb.sgrc.selkirk.ca/Html5Viewer/Index.html?viewer=RDKB_HTML5_Public_wm.Test_HTML_5#)



CALCULATIONS

| | | |
|--|--------------------------------------|----------------------|
| Title 5795 Beatrice Street, Grand Forks, BC | Page of | Project 19-1425 |
| | By L. Jennings | Date 10 June 2019 |
| | Subject Structure Plan View (NTS) | |



INNOVATION FLOWS FROM HERE

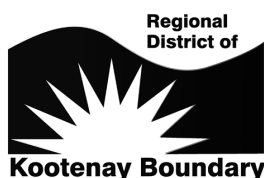
TF. 1.800.565.1152 canadaculvert.com

Applicant's Submission

The space below is provided to describe the proposed development.

The home at 5795 Beatrice Street in Grand Forks BC was originally constructed in approximately 1945 in a know floodplain. It is a single-storey bungalow with a combination basement/crawlspace that is not presently usable or habitable space. In the lifespan of the structure thus far, May 2018 was the only time flooding resulting in structural damage had occurred. As is typical for homes in floodplains or with low water tables, water is expected (to some degree) to infiltrate into the basement/crawlspace during freshette. The home is equipped with a sump pump for those instances. Moving forward, the proposed foundation repairs will bring the repaired foundation elements up to the 2018 building code standard while any elements untouched will remain at the present standard of construction. With this home, it is challenging to determine where to stop upgrading and modifications as the flooding has presented an opportunity to revitalize the structure. Ideally, a structure such as this would be demolished and rebuilt to current design standards but due to the constraints of the homeowner's flood insurance (which covers repairs to the level of existing construction) that is not a financially feasible option. As an alternative, it is proposed that the foundation reports be completed as provided and remainder of the home left untouched with the knowledge that a future flood may take place. Due to the age and condition of the structure, the time, money, and effort required to bring the building up to current code standards, is significant and not financially viable or economical. Making the home structurally sound and livable is a more realistic and cost-effective option. The homeowners are willing to take the risk that their home may flood again in the future and are prepared to deal with that if/when it happens; including taking financial responsibility for any future flood-related damage should their insurance coverage change. The homeowners have been out of their home for over a year and this option is the fastest and most efficient way to allow them to move back in and regain a sense of normalcy and stability in their lives.

Page 3 of 4



Electoral Area Services (EAS) Committee Staff Report

| | | | |
|--------------|---|----------------|------------------|
| RE: | Site Specific Exemption from the Floodplain Bylaw - Russo | | |
| Date: | September 2, 2019 | File #: | E-2352-05130.040 |
| To: | Chair Worley and members of the EAS Committee | | |
| From: | Corey Scott, Planner | | |

Issue Introduction

We have received an application for a Site Specific Exemption from the Floodplain Bylaw to allow the construction of a single family dwelling in Electoral Area E/West Boundary (see Attachments).

| Property Information | |
|--------------------------------|-------------------------------------|
| Owner(s): | Orlando and Wendy Russo |
| Location: | 6455 Highway 33 |
| Electoral Area: | Electoral Area E/West Boundary |
| Legal Description: | Lot 2, Plan EPP73953, DL 2352, SDYD |
| Area: | 1.03 ha (2.5 acres) |
| Current Use(s): | Vacant |
| Land Use Bylaws | |
| OCP Bylaw No. | NA |
| DP Area | NA |
| Zoning Bylaw No. | NA |
| Other | |
| ALR: | NA |
| Waterfront / Floodplain | Kettle River floodplain |

History / Background Information

The subject property is south of Carmi and is located between the Kettle River and Highway 33. This parcel was created by subdivision in 2017, along with Lot 1 located to the north and Lot 3 to the south.

The *Floodplain Bylaw for Certain Lands Within the RDKB* requires a 30 m setback from the natural boundary of the Kettle River, as a 1 to 200-year floodplain map is not available for this area. The flood construction level must be 3 m above the natural boundary of the river.

In 2014, a property owner of an upstream parcel on the east side of Highway 33 applied for a similar application and was denied by the Regional Board.

Proposal

The applicant is applying for a Site Specific Exemption from the Floodplain Bylaw in order to construct a single family dwelling in a location with a better view of the river. They are proposing a 15 m setback from the Kettle River based upon recommendations in the report from D.A. Dobson, P. Eng., of Dobson Engineering Ltd, submitted with their application. The report states that the floodplain setback from the Kettle River can safely be reduced from 30 m to 15 m with no increased flood risk.

The applicants state that since the lot is large and well treed, locating the house closer to the river will not impact the adjacent properties.

Implications

The *Local Government Act* (LGA) states that a person may be exempt from the requirements of a floodplain bylaw in relation to a building or structure on the parcel of land, if the local government considers it advisable and either considers that the exemption is consistent with Provincial guidelines, or that the applicant has received a report from a professional engineer or geoscientist stating that the land may be used safely for the use intended.

In granting an exemption, a local government has the authority under the LGA to impose any term or condition contemplated by the Provincial guidelines in relation to an exemption or require that the owner enter into a covenant under section 219 of the *Land Title Act*. The RDKB typically requires a covenant absolving the regional district from responsibility for potential future damage as a condition for the approval of a site specific exemption to the floodplain bylaw.

The professional report states that the site assessment, undertaken by D.A. Dobson, showed that the banks along the Kettle River at the subject property are steep and stable, showing no sign of recent erosion, and that the property is situated approximately 3 m above the natural boundary. The report also states that there were no flooding issues or concerns noted in the Carmi area in the spring of 2018.

While the photos supplied with the report show a vegetated riverbank and a number of well-established trees, the assessment of the natural boundary was done in the winter when the property was covered in snow. Snow cover may not allow for the most thorough review of vegetation and erosion patterns on site. That said, from what can be seen, the banks appear to be undisturbed by the flooding events of 2018.

Don Dobson's report makes three recommendations: First, that the floodplain setback be reduced from 30 m to 15 m for the subject property; second, that the natural boundary of the river be determined by a surveyor to confirm that the 3 m flood construction level can be attained; and third that the natural vegetation on the river bank be protected.

There is a covenant on this property from the original subdivision of the property which also states that a 30 m setback from the river is required. Any approval by us would be subject to the covenant being amended.

Advisory Planning Commission (APC)

The Electoral Area E/West Boundary APC considered the application at their September 3, 2019 meeting. An excerpt from the APC's minutes follows:

"The application was reviewed and discussed. Issues of concern include the location of the sewage drainage and the potential for impact on the river if the application was approved. The potential for the landowners to clearcut the vegetation along the riverbank to improve the view from the house if it is only 15 meters from the river was of concern. The maintenance of the vegetation along the riverbank is important to maintain the integrity of the channel. It was pointed out that the Dobson report says that there was no flooding in the Carmi area but the evidence from locals is that there was flooding. The photos of the riverbank in the report seem to show some instability in the riverbank. These observations bring into question the validity of the Dobson report."

Following their discussion, the APC recommended non-support of the application and that the current covenant on the property be maintained.

Recommendation

That the application for a Site Specific Exemption to the Floodplain Management Bylaw submitted by Wendy Russo, in order to construct a single family dwelling within the designated floodplain on the property legally described as Lot 2, Plan EPP73953, DL 2352, SDYD, 6455 Highway 33, Electoral Area 'E'/West Boundary be denied.

Attachments

Site Location Map
Subject Property Map
Applicant Submission

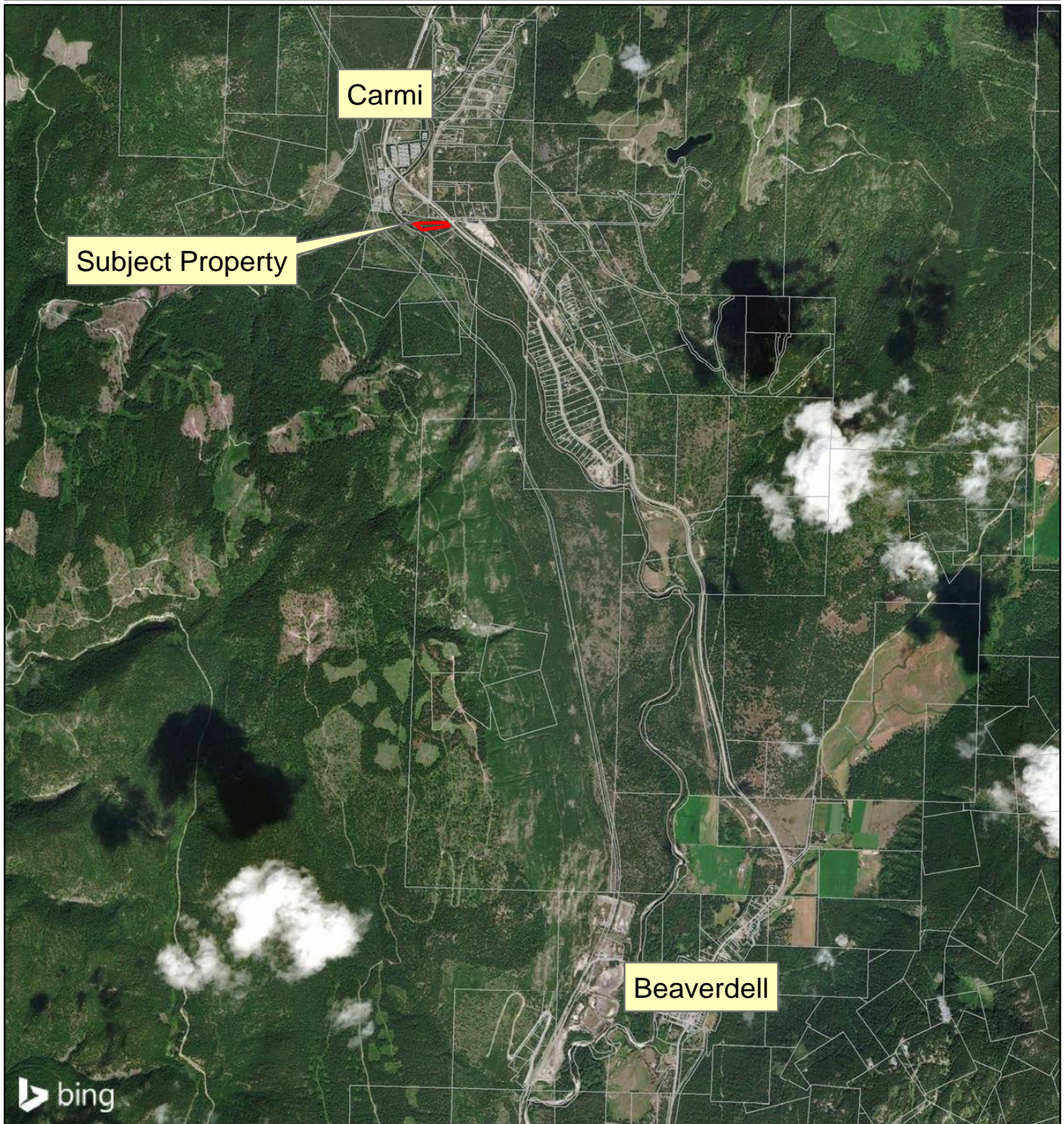
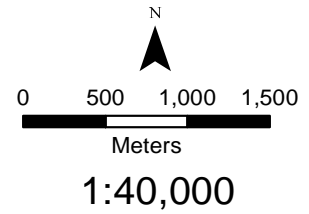


Regional District of
Kootenay Boundary

Date: 2019-08-13

Site Location Map

Lot 2, Plan EPP73953
DL 2352, SDYD



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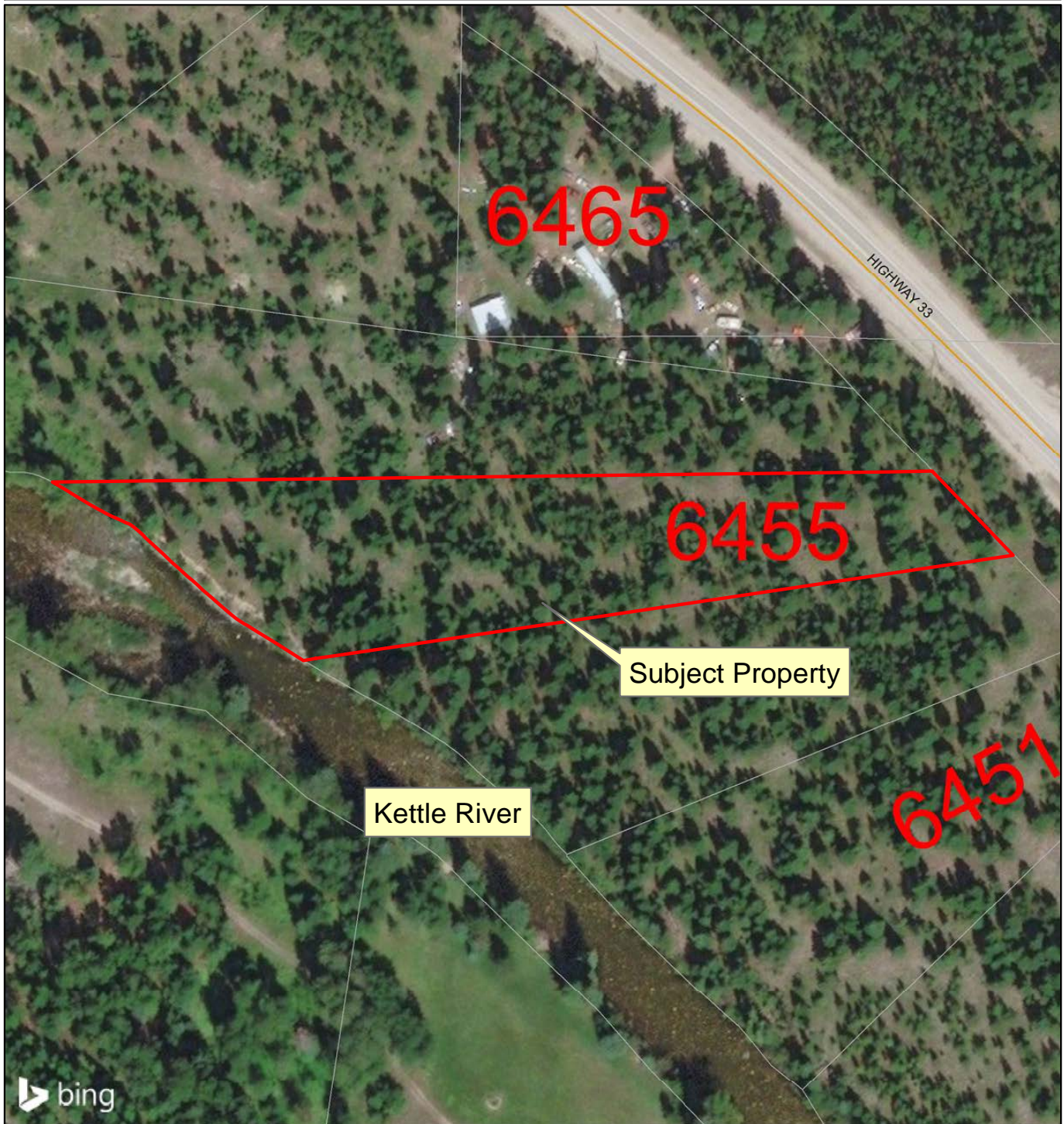
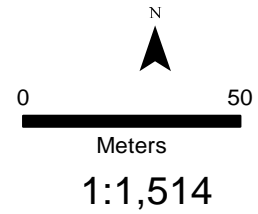


Regional District of
Kootenay Boundary

Date: 2019-08-13

Subject Property Map

Lot 2, Plan EPP73953
DL 2352, SDYD



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

We are requesting a site specific exemption to the flood plain bylaw to allow the construction of a 2 story single family dwelling closer to the river. This would improve the view of the river from the house.

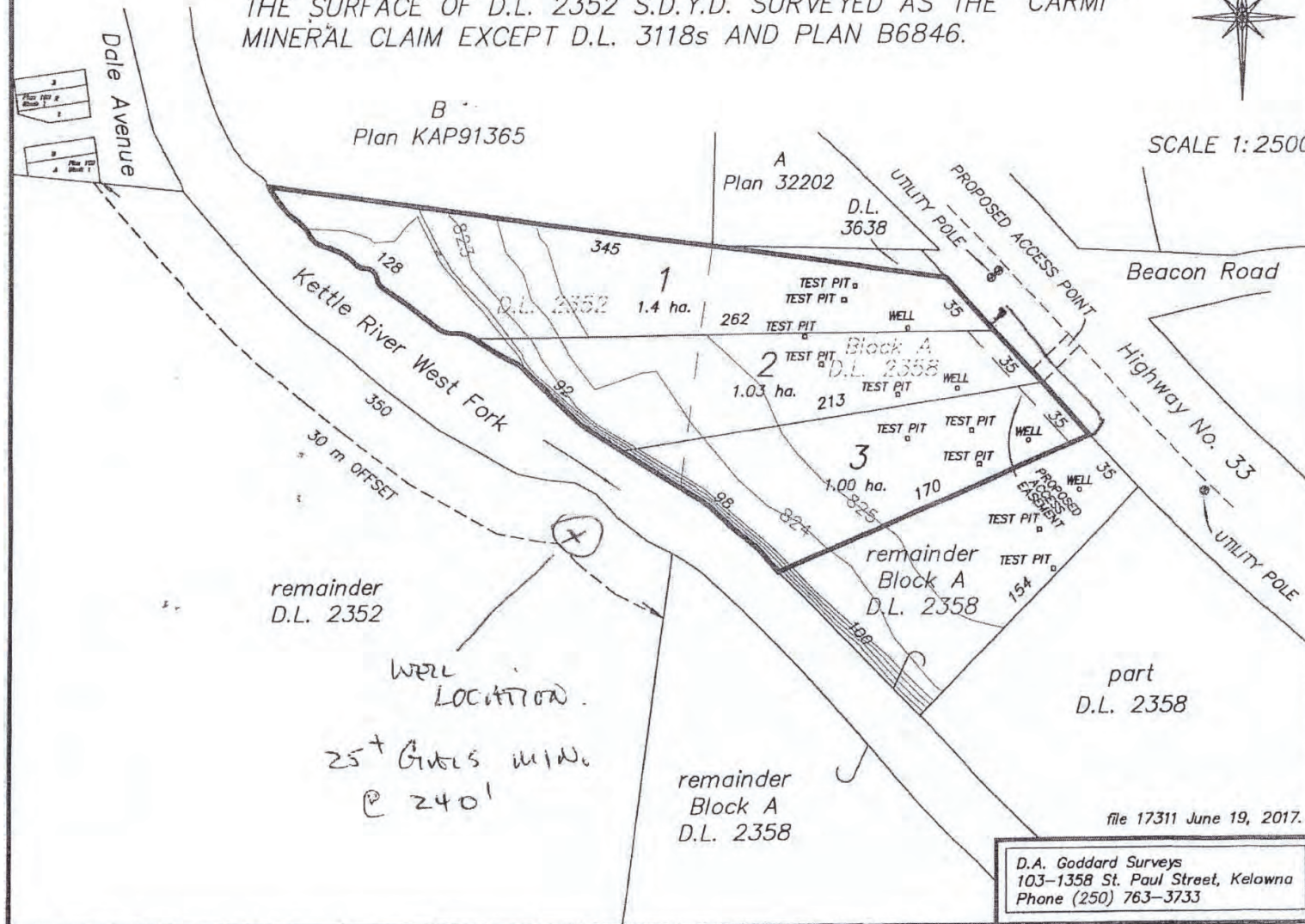
The property and the neighbouring lots are large and well treed. Locating the house closer to the river would not have any impact on the adjoining properties.

The report by Dabson Engineering Ltd states that the setback could be reduced to 15 meters without any increase in flood risk. We are requesting a variance to reduce the setback to 15 meters

PROPOSED SUBDIVISION OF PART OF BLOCK A D.L. 2358
S.D.Y.D. BEING PART OF "HARTFORD" M.C. AND OF PART OF
THE SURFACE OF D.L. 2352 S.D.Y.D. SURVEYED AS THE "CARMi"
MINERAL CLAIM EXCEPT D.L. 3118s AND PLAN B6846.



SCALE 1:2500





Project# 19014

April 7, 2019

Orlando and Wendy Russo
3616 Benvoulin Road
Kelowna, BC V1W 4M7

Re: Flood hazard Assessment from West Kettle River for Lot 2, Block A, DL 2358, S.D.Y.D.

This report has been prepared at your request to assess the flood hazards within Lot 2, Block A, DL 2358, S.D.Y.D., as related to the West Kettle River. You have asked if it was possible to locate a dwelling on this property closer to the West Kettle River than is specified by the Regional District of Kootenay Boundary in Bylaw No. 677. This Bylaw specifies that the setback for a dwelling shall be 30m from the natural boundary of the West Kettle River and the flood construction level shall be 3m above the natural boundary.

1. Site Assessment

A site assessment was completed of the subject property on February 8, 2019. Lot 2 is 1.03ha parcel that has a width of ~35m at the road frontage at the east boundary and ~82m at the west boundary that fronts along the West Kettle River. The average depth is ~220m. The lot is basically a flat, treed lot (Photos 1 & 2). The property and is situated ~3m above the natural boundary of the river (Photo 3).

The banks along the river within the lot and upstream and downstream are stable and vegetated with Douglas fir, cottonwoods and alder (Photos 4 & 5). The river bank is steep, ~1:1 slopes and the bank material is typically boulder-cobble, gravel (Photo 6). There was no evidence of recent bank erosion or instability. There are no streams or wetlands within the property and no evidence of any flooding within the lot.

2. Flood Hazards and Risks

The current flood hazards within the property are rated as low from the West Kettle River or other water sources. During 2018 the river experienced very high flows in this area yet there is no evidence of bank erosion or flooding. During the post-flood assessment that was completed as part of the RDKB Flood Recovery by Dobson Engineering Ltd., no flooding issues or concerns were noted on the West Kettle River in the Carmi area.

The 1:200 year flood magnitude has not been determined for the West Kettle River in this area so the default floodplain setback and flood construction level (FCL), specified in Bylaw 677 for the property are, a 30m setback and an FCL of 3m, from the natural boundary.

The flood risks to a dwelling situated on the property are rated as low due to the stable bank and the height of the property above the natural boundary of the West Kettle River.

3. Bylaw 677 variance

Based on the stable bank conditions and the presence of healthy trees and shrub vegetation on the riverbank along the property frontage as well as upstream and downstream, it is my opinion that the setback from the natural boundary for a dwelling on this lot could safely be reduced from 30m to 15m

2580 Dunsmuir Road, Kelowna, BC V1W 2V3 (O) 250.861.5595 (Cell) 250.878.4502

*Russo Property-West Kettle River-Flood Hazard Assessment
Lot 2, Blk A, DL 2358 SDYD*

without any increase in flood risk. The flood construction level of 3m above the natural boundary should be enforced.

Having inspected the property along the riverbank as well as within the 30m set setback zone, it was noted that a dwelling could be sited with a 15m setback and it would be safe from flooding.

4. Recommendations

The following recommendations are provided.

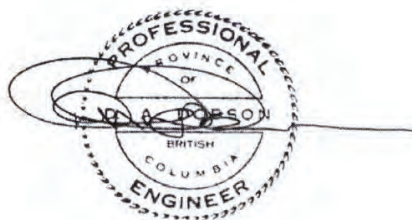
- a) Submit a formal request to the RDKB for a variance from Bylaw 677 to reduce the floodplain setback for this lot from the West Kettle River from 30m to 15m.
- b) Engage a qualified surveyor to determine the natural boundary on the West Kettle River at the property and set elevations at any proposed dwelling site that will confirm the 3m flood construction level relative to the river.
- c) Protect all the natural vegetation on the riverbank along the river frontage of the property.

5. Closure and Limitations

This report has been prepared exclusively for the use of Orlando and Wendy Russo. The assessment has been carried out in accordance with generally accepted practice. Professional judgment has been applied in the interpretations provided in this report. No other warranty is made, either expressed or implied. Please note that the flood hazard assessment is based on limited examination of the study area. If conditions change, or if observed features are found to be different, please contact the undersigned for a follow up review.

If you have any questions please contact the undersigned.

Sincerely,



D.A. Dobson, PEng

*Russo Property-West Kettle River-Flood Hazard Assessment
Lot 2, Blk A, DL 2358 SDYD*

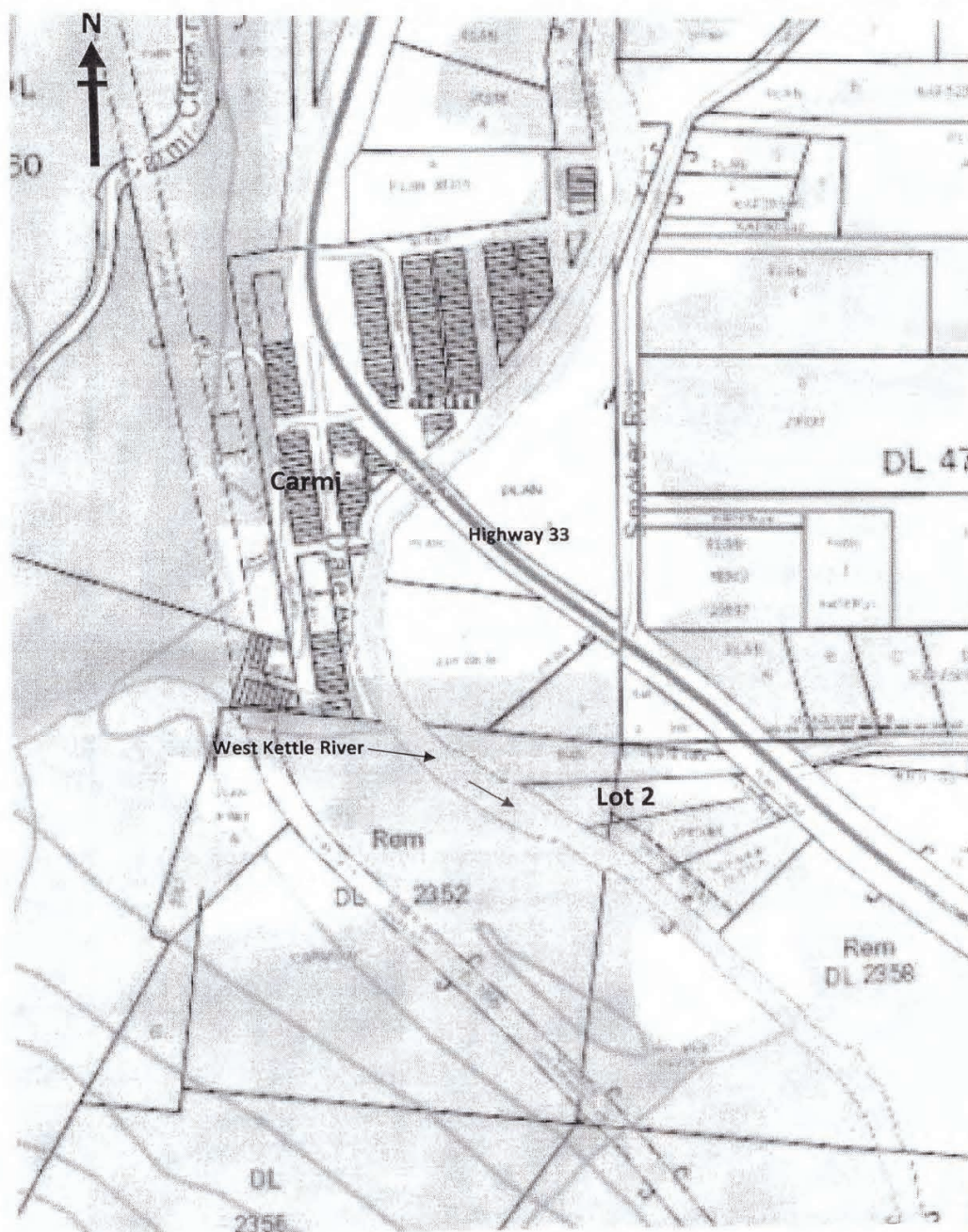
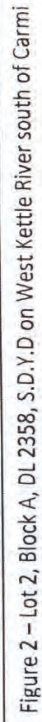


Figure 1 – Location of Lot2, Block A, DL 2358, S.D.Y.D. on West Kettle River south of Carmi

19014/March 2019

DOBSON
Engineering Ltd.



DOBSON
Engineering Ltd

*Russo Property-West Kettle River-Flood Hazard Assessment
Lot 2, Blk A, DL 2358 SDYD*



Photo 1 – View east into Lot 2 from riverbank, Douglas fir and flat ground



Photo 2 – Looking east across lot, stake is 30m setback, treed, flat ground

19014/March 2019

DOBSON
Engineering Ltd

*Russo Property-West Kettle River-Flood Hazard Assessment
Lot 2, Blk A, DL 2358 SDYD*

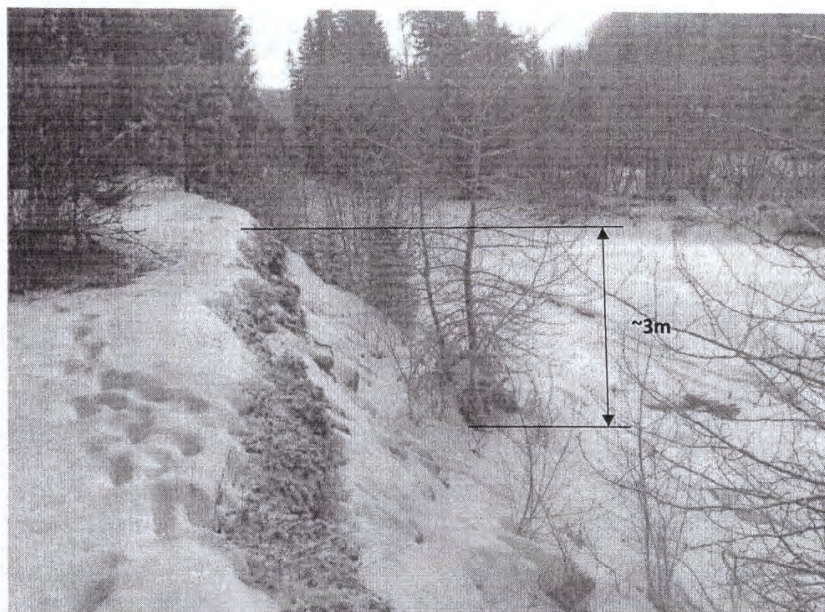


Photo 3 – Approximate elevation of property above natural boundary – note boulders evident in bank material



Photo 4 – Looking upstream along stable, vegetated riverbank within Lot2 with Lot1 in background

19014/March 2019

DOBSON
Engineering Ltd

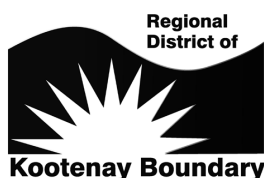
*Russo Property-West Kettle River-Flood Hazard Assessment
Lot 2, Blk A, DL 2358 SDYD*



Photo 5 – Vegetated, stable riverbank near south boundary of Lot 2

19014/March 2019

DOBSON
Engineering Ltd



Electoral Area Services (EAS) Committee Staff Report

| | | | |
|--------------|--|----------------|--|
| RE: | Ministry of Transportation and Infrastructure – Subdivision – Red Mountain Estates | | |
| Date: | September 3, 2019 | File #: | B-Twp28-10970.253 B-Twp28-10970.250 |
| To: | Chair Worley and members of the EAS Committee | | |
| From: | Corey Scott, Planner | | |

Issue Introduction

We have received a referral from the Ministry of Transportation and Infrastructure (MOTI) regarding a subdivision application in Electoral Area 'B'/Lower Columbia-Old Glory (see Attachments).

| Property Information | |
|---------------------------------|---|
| Owner(s): | Red Mountain Estates Ltd. |
| Agent: | Peter Muirhead, Muirhead Land Development Solutions Ltd. |
| Location: | Richie Rd |
| Electoral Area: | Electoral Area 'B'/Lower Columbia-Old Glory |
| Legal Description(s): | Lot 3, Plan EPP77192, Section 11, & Parcel A, Plan NEP1245, Township 28, KD |
| Area: | 14.7 ha (36.32 acres) 28.4 ha (70.08 acres) |
| Current Use(s): | Vacant |
| Land Use Bylaws | |
| OCP Bylaw: 1470 | Black Jack Rural Residential |
| DP Area: | NA |
| Zoning Bylaw: 1540 | Rural Residential 1 (RR1) |
| Minimum Parcel Size | 1.8 ha |
| Other | |
| ALR: | NA |
| Waterfront / Floodplain: | NA |
| Service Area: | NA |
| Planning Agreement Area: | Rossland |

Page 1 of 2

P:\PD\EA_'B'\B-28-TWP-10970.253 Red Mountain View Estates\2019 July MOTI Subdivision\EAS\2019-08-01_RedMtnEstates_MOTI_EAS.docx

History / Background Information

The subject properties are located east of Red Mountain Resort in the Lower Topping Creek Community Watershed. There is access to the property along Richie Road at the northern end of the property. The land is currently vacant.

Lot 3 was created by subdivision in 2017, when the lots to the west, Lots 1 & 2, were created. This subdivision included an interior parcel line adjustment, which added a portion of Parcel A. Parcel A is a remainder of a 2012 subdivision which created 5 new parcels north of Richie Rd, to the west of Parcel A.

The subject properties are designated as Black Jack Rural Residential and are zoned Rural Residential 1 (RR1). The permitted principal uses in this zone are agriculture and a single family dwelling. The minimum parcel size for new parcels created by subdivision is 1.8 ha.

Proposal

The applicant has proposed a subdivision of the subject properties into 3 new parcels and a remainder: Lot 1 is proposed to be 5.6 acres (2.3 ha); Lot 2 and Lot 3 are both proposed to be 5 acres (2.02 ha) and the remainder with 90.8 acres (36.7 ha). The proposed lots and remainder would be accessed along Richie Rd (see Attachments).

Implications

The land use designation in the OCP and the zoning bylaw for Rural Residential 1, state that parcels to be created by subdivision must not be less than 1.8ha. This proposal is consistent with the OCP designation and zoning.

Parkland dedication would not be a requirement of this subdivision. Parkland dedication does not apply to subdivisions where the smallest parcel being created is larger than 2 hectares.

Advisory Planning Commission (APC)

There was no formal meeting of the APC in September; however, all members supported the application via e-mail correspondence.

Recommendation

That the staff report regarding the Ministry of Transportation and Infrastructure referral for a proposed subdivision, for the parcel legally described as Lot 3, Plan EPP77192, Section 11, & Parcel A, Plan NEP1245, Township 28, KD, Electoral Area 'B'/Lower Columbia-Old Glory, be received.

Attachments

Site Location Map
Subject Property Map
Applicant Submission

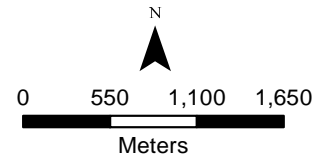


Regional District of
Kootenay Boundary

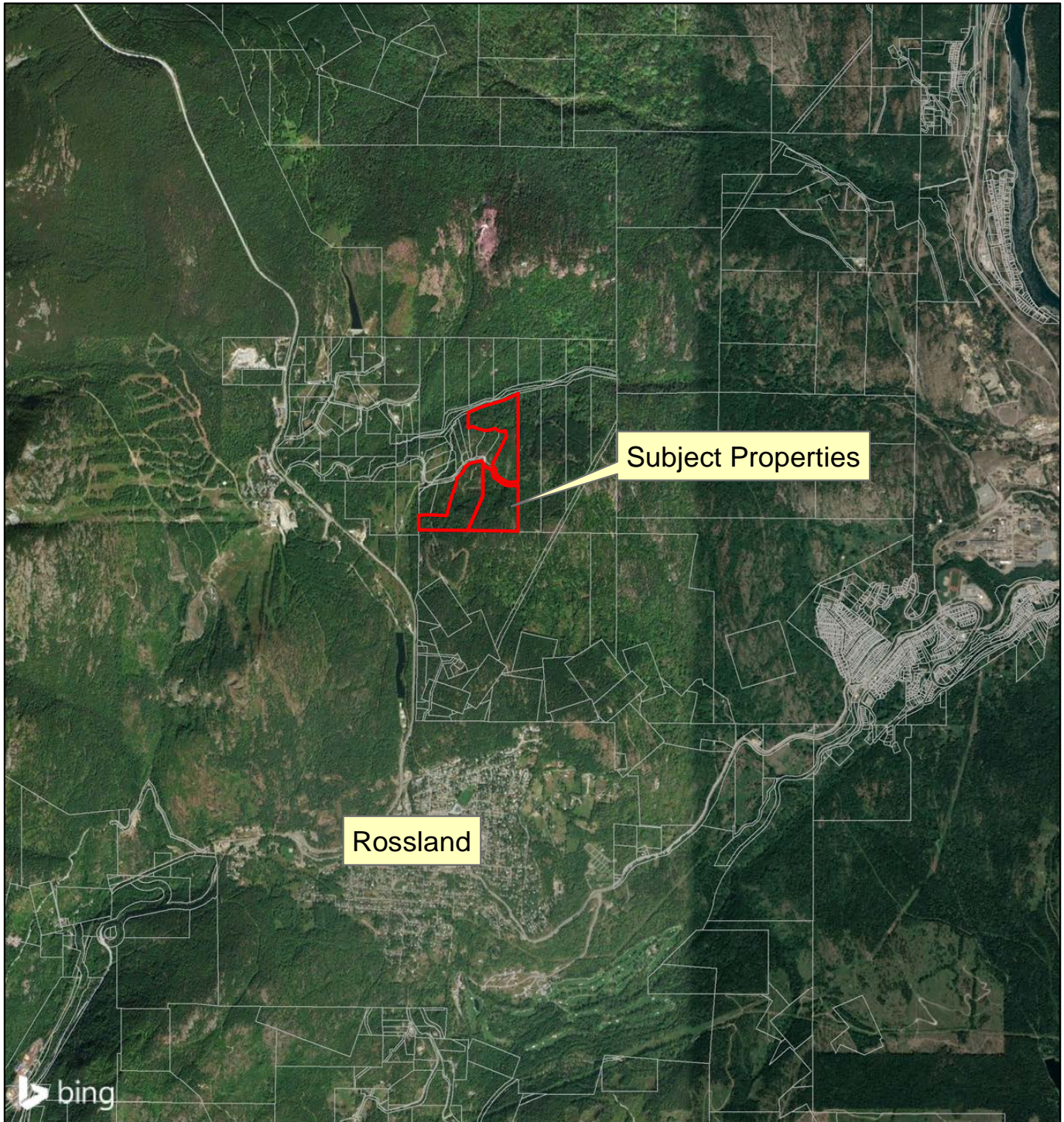
Date: 2019-08-01

Site Location Map

Lot 3, Plan EPP77192, &
Parcel A, Plan NEP1245, Section 11
Twp 28, KD



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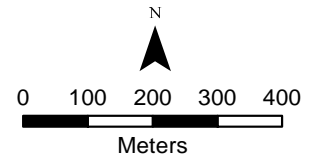


Regional District of
Kootenay Boundary

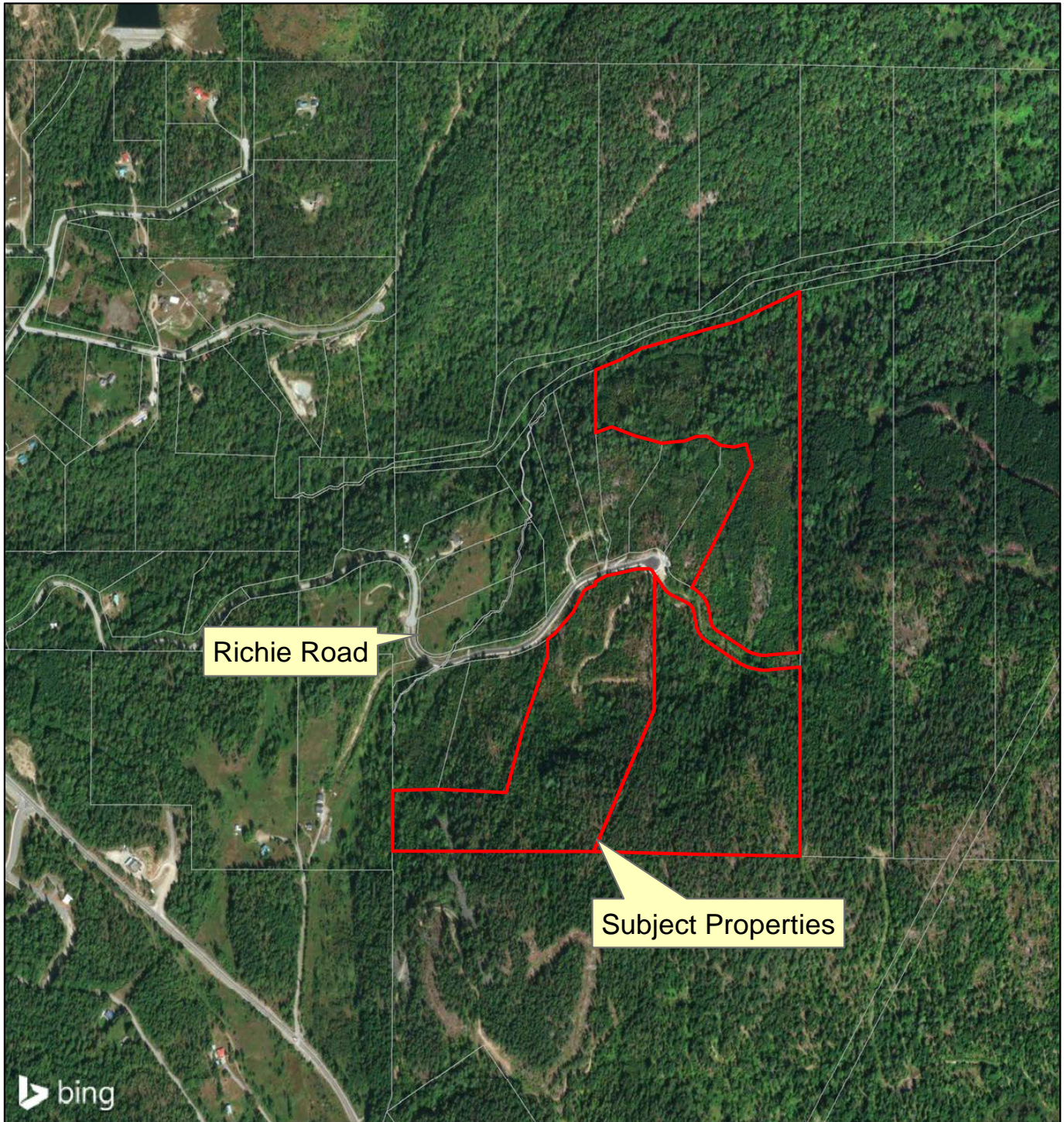
Date: 2019-08-01

Subject Properties Map

Lot 3, Plan EPP77192, &
Parcel A, Plan NEP1245, Section 11
Twp 28, KD

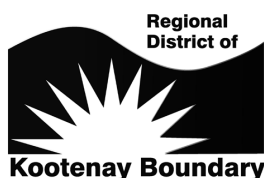


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Electoral Area Services (EAS) Committee Staff Report

| | | | |
|--------------|--|----------------|--------------------|
| RE: | Ministry of Transportation and Infrastructure – Subdivision – Rowland-Butler | | |
| Date: | September 12, 2019 | File #: | BW-4176s-07385.180 |
| To: | Chair Worley and members of the EAS Committee | | |
| From: | Corey Scott, Planner | | |

Issue Introduction

We have received a referral from the Ministry of Transportation and Infrastructure regarding a bare land strata subdivision plan in Big White (see Attachments).

| Property Information | |
|-------------------------------|----------------------------------|
| Owner(s): | Isaac Rowland and Matthew Butler |
| Agent: | Farris LLP |
| Location: | 4930 Snow Pines Rd. |
| Electoral Area: | Electoral Area 'E'/Big White |
| Legal Description(s): | SL 37, KAS938, DL 4176s, SDYD |
| Area: | 0.07 ha (0.177 acres) |
| Current Use(s): | Duplex |
| Land Use Bylaws | |
| OCP Bylaw No. 1125: | Medium Density Residential |
| DP Area: | NA |
| Zoning Bylaw No. 1166: | Snowpines Residential 2 |

History / Background Information

The subject property has an area of 700 m² (0.07 ha). There is a duplex currently on the property, which was built in 2018.

The subject property is within the 'Snowpines Residential 2' (R2) Zone in the Big White Zoning Bylaw. According to Section 403.10 of this zone, a parcel with an existing two-family dwelling, or duplex, may be subdivided such that each dwelling is located on a separate parcel, as long as the following three conditions are met:

- The common wall and the interior side lot line coincide;
- The minimum area of each parcel after subdivision is a minimum of 250 m²; and
- All other regulations of the Zoning Bylaw are complied with.

Further, a zero metre setback is permitted for an interior side parcel line which is contiguous with a vertical common wall separating dwelling units. The interior side lot

line setback for this zone is 2 m, the front lot line setback is 6 m, and the rear lot line setback is 4 m.

Minimum parcel frontage requirements for a duplex on a cul-de-sac is 10 m.

Proposal

The proposed bare land strata subdivision will create 2 strata lots. Strata lot 147 is proposed to be 367.6 m² and strata lot 148 is proposed to be 350.5 m².

Implications

It appears from the proposed plan of subdivision that the vertical common wall between the dwellings will coincide with the interior side parcel line, with a 0 m setback between the two houses. The proposed strata lots meet the minimum size requirements.

Other setbacks are not listed on the proposed plan, so it is unclear if the setback requirements have been met. The recent construction of the house, however, indicates a likelihood that the setback requirements are in line with the current zoning bylaw.

Minimum parcel frontage is shown as 5.5 m for both proposed sublots thereby meeting the 10 m minimum for a duplex on a cul de sac.

Advisory Planning Commission (APC)

The application was presented to the Electoral Area 'E'/Big White APC at their September 3, 2019 meeting. The application was supported with no major discussion, as the applicant is meeting all requirements.

Recommendation

That the staff report regarding the Ministry of Transportation and Infrastructure referral for a proposed subdivision, for the parcel legally described as SL 37, KAS938, DL 4176s, SDYD, Electoral Area 'E'/Big White, be received.

Attachments

Site Location Map
Subject Property Map
Applicant's Submission

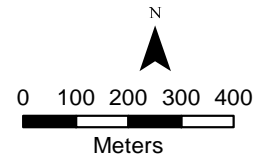


Regional District of
Kootenay Boundary

Date: 2019-08-14

Site Location Map

SL 37, Plan KAS938
DL 4176s, SDYD



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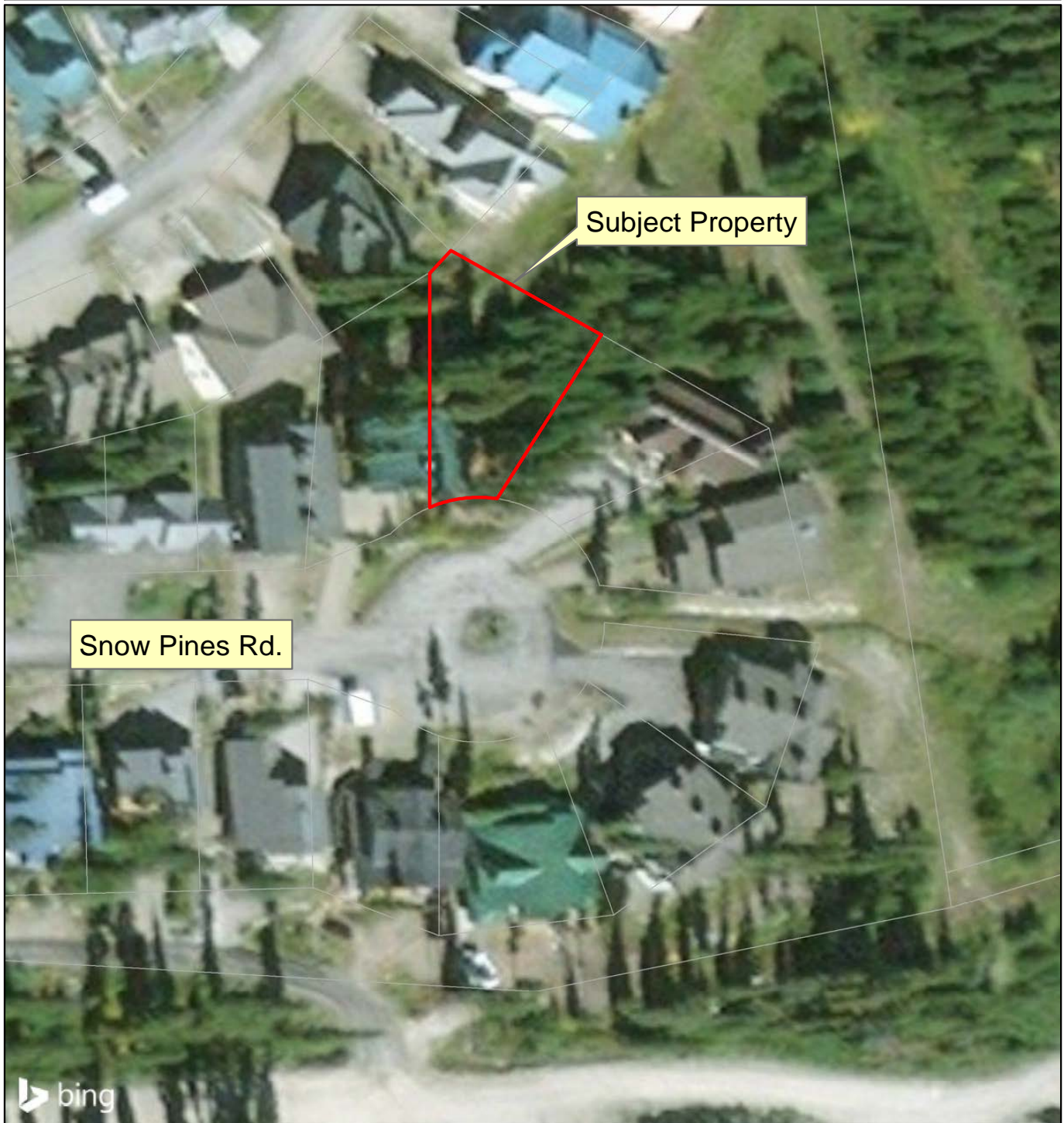
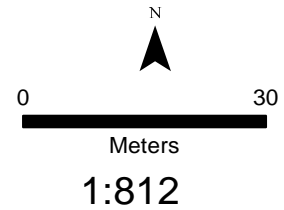


Regional District of
Kootenay Boundary

Date: 2019-08-14

Subject Property Map

SL 37, Plan KAS938
DL 4176s, SDYD

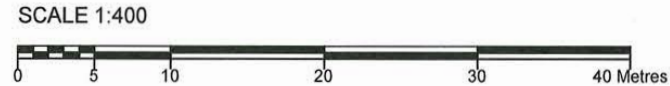


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SKETCH PLAN SHOWING PROPOSED
SUBDIVISION OF STRATA LOT 37 DISTRICT
LOT 4176S SIMILKAMEEN DIVISION YALE
DISTRICT STRATA PLAN KAS938

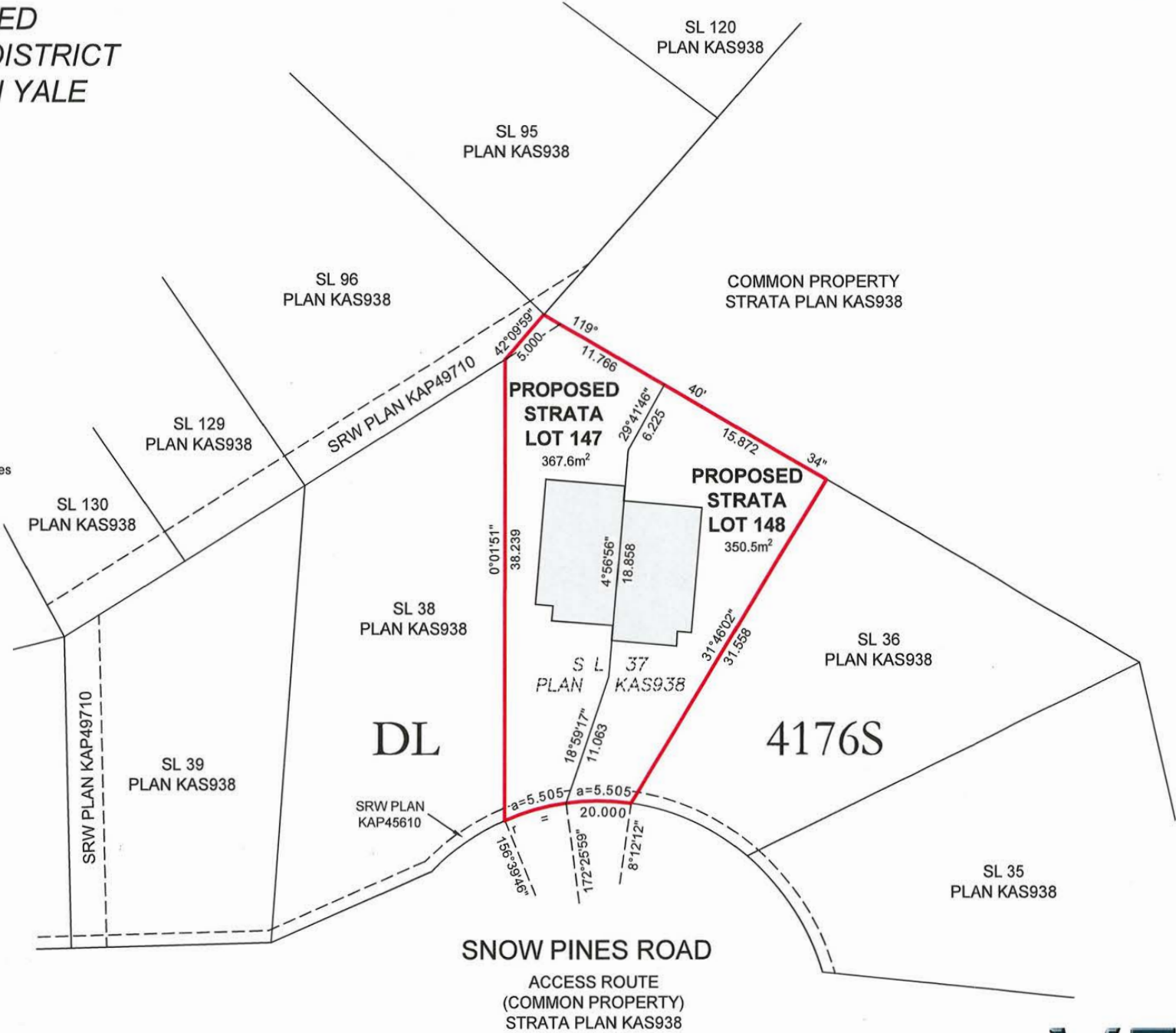
PID: 017-446-121
CLIENT: MATT BUTLER
CIVIC ADDRESS: 4930 SNOW PINES ROAD

HORIZONTAL COORDINATE SYSTEM: UTM 11 NAD83(CSRS)
REFER TO THE CURRENT STATE OF TITLE FOR CHARGES,
LIENS, AND INTERESTS AFFECTING THIS LAND.



LEGEND

- Subject Property
- Building Foundation



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www.vectorgeomatics.com

File: 1700430R0 Date: 2019-07-02
Drafted by: MM Checked by: CMD

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| Director Ali Grieve, Electoral Area 'A' | | Grants-In-Aid 2019 | |
|---|--|--------------------|------------------|
| Balance Remaining from 2018 | | | (201.00) |
| 2019 Requisition | | | 31,540.00 |
| Less Board Fee 2019 | | | (1,240.00) |
| Total Funds Available: | | \$ | 30,099.00 |

| RESOLUTION | DATE | RECIPIENT | DESCRIPTION | AMOUNT |
|--------------------------|--------|---|--|------------------|
| 20-19 | 31/Jan | Friends of the Beaver Valley Public Library | To assist with black out blinds | 1,500.00 |
| 20-19 | 31/Jan | Okanagan Nation Alliance | To assist with "Fish in Schools" program | 1,000.00 |
| 20-19 | 31/Jan | Village of Fruitvale | To assist with Jingle Down Main propane heaters | 1,500.00 |
| 70-19 | 31/Jan | BV Recreation | Seniors Dinner and Dance | 1,600.00 |
| 70-19 | 31/Jan | Montrose Recreation Commission | BC Family Day | 500.00 |
| 70-19 | 31/Jan | Beaver Valley Cross Country Ski Club | Sno-cat expenses | 2,000.00 |
| 115-19 | 21/Feb | Beaver Valley Blooming Society | To assist with flowering tubs around Fruitvale | 2,500.00 |
| 115-19 | 21/Feb | JL Crowe Secondary School | To assist with the Scholarship Program | 750.00 |
| 135-19 | 7/Mar | BV Golf & Country Club | To assist with Men's and Ladies' Golf Nights | 1,152.00 |
| 149-19 | 7/Mar | Kootenay Region Branch of United Nations | To assist with honorarium for Kat Rovias | 500.00 |
| 167-19 | 14/Mar | 1st Beaver Valley Scout | To assist with trip to Pacific Jamboree | 1,000.00 |
| 167-19 | 14/Mar | Beaver Valley May Days | To assist with May Days events | 4,000.00 |
| 167-19 | 14/Mar | Kootenay Gateway Ltd. | To assist with Rossland Ski Bus service | 100.00 |
| 189-19 | 4/Apr | Columbia Basin Environmental Education Network | To assist with Wild Voices learning program | 500.00 |
| 189-19 | 4/Apr | Village of Montrose | To assist Montrose Recreation with pancake breakfast | 600.00 |
| 212-19 | 24/Apr | BV Seniors Branch 44 | To assist with the 60th Anniversary Party | 500.00 |
| 217-19 | 24/Apr | Nelson & Fort Shepherd Railway - Village of Fruitvale | To assist with Community Train Rides | 2,000.00 |
| 235-19 | 8/May | Beaver Valley Thrift Shop | To assist with Replacement Lighting | 1,250.00 |
| 254-19 | 23/May | Beaver Valley Golf & Rec. Society | To assist with Tee Box Advertisting | 210.00 |
| 254-19 | 23/May | Zone 6 BC 55+ Games | To assist with Seniors' Games | 500.00 |
| 272-19 | 12/Jun | The FAIR Society | To assist the Trail FAIR Society | 1,000.00 |
| 308-19 | 20/Jun | Beaver Valley Dynamic Aging Society | To assist with the Sips & Sparkles Fundraiser | 2,000.00 |
| 373-19 | 29/Aug | Rally in the Beaver Valley 2019 | to assist with Sanctuary for Kids | 250.00 |
| 373-19 | 29/Aug | Rally in the Beaver Valley 2019 | To assist with Wins Transition House | 250.00 |
| Total | | | \$ | 27,162.00 |
| Balance Remaining | | | \$ | 2,937.00 |

| Electoral Area 'B' /Lower Columbia-Old Glory | | Grants-In-Aid 2019 |
|--|-----------|--------------------|
| Balance Remaining from 2018 | | (2,868.46) |
| 2019 Requisition | | 22,797.00 |
| Less Board Fee 2019 | | (897.00) |
| Total Funds Available: | \$ | 19,031.54 |

| RESOLUTION | DATE | RECIPIENT | DESCRIPTION | AMOUNT |
|--------------------------|--------|--|---|---------------------|
| 20-19 | 31/Jan | Okanagan Nation Alliance | To assist with "Fish in Schools" program | 1,000.00 |
| 20-19 | 31/Jan | Rossland Winter Carnival | To assist with costs of production | 1,000.00 |
| 70-19 | 31/Jan | Trail Ambassador Committee | To assist with Trail Ambassador Program | 750.00 |
| 115-19 | 21/Feb | JL Crowe Secondary School | To assist with the Scholarship Program | 750.00 |
| 115-19 | 21/Feb | Zone 6 BC 55+ Games | To assist with participation in the 2019 Sr. Games | 750.00 |
| 135-19 | 7/Mar | The Kidney Foundation of Canada, BC Branch | To assist with burdens on patients and their families | 250.00 |
| 149-19 | 7/Mar | Kootenay Region Branch of United Nations | To assist with honorarium for Romilly Cavanaugh | 500.00 |
| 189-19 | 24/Apr | Columbia Basin Environmental Education Network | To assist with Wild Voices learning program | 500.00 |
| 212-19 | 24/Apr | Rossland Summit School | To assist with the RSS Bio Blitz | 500.00 |
| 234-19 | 8/May | Rossland Council for Arts and Culture | To assist with Community Arts Plan | 600.00 |
| 254-19 | 23/May | West Kootenay Smoke'n Steel Car Club | To assist with Audio System | 2,343.79 |
| 272-19 | 12/Jun | Grand Forks ATV | To assist with Trails of the Paulson | 5,000.00 |
| 335-19 | 18/Jul | Oasis Rec Society | To assist with Oasis Pickle Ball Court Grand Opening | 1,276.34 |
| 308-19 | 20/Jun | Rossland Golden City Days | To assist with Festival Costs | 1,000.00 |
| | 17/Jun | Woodstove Exchange Top-Ups | G. Jones & E. Cyron | \$ 500.00 |
| 373-19 | 29/Aug | Rally in the Beaver Valley 2019 | To assist with Sanctuary for Kids | 250.00 |
| 373-19 | 29/Aug | Rally in the Beaver Valley 2019 | To assist with Wins Transition House | 250.00 |
| Total | | | | \$ 17,220.13 |
| Balance Remaining | | | | \$ 1,811.41 |

| Electoral Area 'C'/Christina Lake | | Grants-In-Aid 2019 | |
|---|--|--------------------|------------------|
| Balance Remaining from 2018 | | | 13,845.92 |
| 2019 Requisition | | | 60,687.00 |
| Less Board Fee 2019 | | | (2,387.00) |
| Total Funds Available for the year | | \$ | 72,145.92 |

| RESOLUTION | DATE | RECIPIENT | DESCRIPTION | AMOUNT |
|--------------------------|--------|--|---|---------------------|
| 20-19 | 19/Jan | Okanagan Nation Alliance | To assist with "Fish in Schools" program | 1,000.00 |
| 70-19 | 31/Jan | Christina Lake Stewardship Society | To assist with billboard | 2,058.00 |
| 70-19 | 31/Jan | Christina Lake Stewardship Society | To assist with replacing banners | 1,286.35 |
| 115-19 | 21/Feb | Deer Ridge Water Association | To assist with the transition study | 5,835.00 |
| 135-19 | 7/Mar | Boundary Metis Community Association | To assist with purchase of a banner | 1,568.00 |
| 135-19 | 7/Mar | Little Lakers Learning Centre Society | To assist with day care expenses | 3,500.00 |
| 135-19 | 7/Mar | Zone 6 BC+ Games | To assist with preparation for the 2019 games | 300.00 |
| 167-19 | 14/Mar | Grand Forks Farmers Market | To assist with participation in BC coupon program | 3,000.00 |
| 189-19 | 4/Apr | Christina Gateway Community Development Centre | To assist with Welcome Centre custom printed mat | 2,070.32 |
| 189-19 | 4/Apr | Christina Lake Recreation Commission | To assist with Christina Lake Triathlon | 1,000.00 |
| 212-19 | 4/Apr | Friends of the Bonanza Pass - Paul Beattie | To assist with information kiosk | 3,000.00 |
| 234-19 | 8/May | Christina Lake Gateway Community Dev. Assoc | To assist with Annual Homecoming Summer Festival | 15,000.00 |
| 235-19 | 8/May | Phoenix Foundation of the Boundary Communities | To assist with vital signs report. | 1,000.00 |
| 308-19 | 20/Jun | Grand Forks Curling Club | To assist with Building Security Equipment | 1,550.00 |
| 308-19 | 20/Jun | Christina Lake Boat Access Society | To assist with Annual Clean Up Day | 400.00 |
| 272-19 | 12/Jun | Boundary Girls Fastpitch | To assist with Boundary Girls Fastpitch | 400.00 |
| 272-19 | 12/Jun | Christina Lake Elementary School | To assist with Safety Swim Program | 3,300.00 |
| 272-19 | 12/Jun | Christina Lake Ladies Golf Club | To support the Annual Ladies Open | 500.00 |
| 272-19 | 12/Jun | Christina Lake Stewardship Society | To assist with Annual Plan Review | 2,500.00 |
| 272-19 | 12/Jun | Christina Lake Stewardship Society | To assist with the 19th Annual Lake Cleanup Day | 1,500.00 |
| 272-19 | 12/Jun | Christina Lake Stewardship Society | To assist with CL Northern Pike Challenge | 750.00 |
| 272-19 | 12/Jun | Christina Lake Tourism Society | To support CL Adventure Tours & Corp. Retreats | 2,300.00 |
| 273-19 | 12/Jun | Grand Forks ATV Club | To support Trails on the Paulson | 5,000.00 |
| 373-19 | 29/Aug | Christina Gateway Community Development Centre | To assist with CL Pickleball Club Picklepalooza | 2,725.00 |
| 373-19 | 29/Aug | Christina Lake Arts & Artisans Society | To assist with concerts, classes & workshops | 1,000.00 |
| 373-19 | 29/Aug | Christina Lake Community Association | To assist with CL Community Hall Non-Profit Group Rentals | 1,500.00 |
| 373-19 | 29/Aug | Christina Lake Tourism Society | To assist with Hiring Students | 1,662.00 |
| 373-19 | 29/Aug | Cops for Kids (Care of Joan Hiram) | To assist with Lunch for RCMP Riders & "Cop" Cakes | 1,000.00 |
| 373-19 | 29/Aug | Grand Forks Search & Rescue | To assist with Training | 500.00 |
| Total | | | | \$ 67,204.67 |
| Balance Remaining | | | | \$ 4,941.25 |

| Electoral Area 'D'/Rural Grand Forks | | Grants-In-Aid 2019 | |
|---|--|--------------------|------------------|
| Balance Remaining from 2018 | | | 33,257.00 |
| 2019 Requisition | | | 38,515.00 |
| Less Board Fee 2019 | | | (1,515.00) |
| Total Funds Available for the year | | \$ | 70,257.00 |

| RESOLUTION | DATE | RECIPIENT | DESCRIPTION | AMOUNT |
|--------------------------|--------|--|---|------------------|
| 20-19 | 19/Jan | Okanagan Nation Alliance | To assist with "Fish in Schools" program | 1,000.00 |
| 20-19 | 19/Jan | Perley Elementary School (SD51 Boundary) | To assist with ReWild Project | 5,000.00 |
| 167-19 | 14/Mar | Gallery 2 | To assist with website updates | 4,800.00 |
| 167-19 | 14/Mar | Grand Forks Farmers Market | To assist with Participation in BC Coupon Program | 4,000.00 |
| 167-19 | 14/Mar | GF Junior Ultimate Team, Grand Forks Ultimate Club | To assist with entrance fees | 525.00 |
| 167-19 | 14/Mar | Zone 6 55+ Games | To assist with preparation and participation | 300.00 |
| 189-19 | 19/Apr | Grand Forks Border Bruins | To assist with dressing room renovations | 2,500.00 |
| 212-19 | 24/Apr | Grand Forks Figure Skating Club | To assist with ice costs | 1,000.00 |
| 272-19 | 12/Jun | Boundary Girls Fastpitch | To support Boundary Fastpitch | 400.00 |
| 272-19 | 12/Jun | Citizens on Patrol | To support Grand Forks C.O.P | 2,000.00 |
| 272-19 | 12/Jun | Phoenix Foundation of Boundary Communities | To support Phoenix Foundation | 1,000.00 |
| 373-19 | 29/Aug | Boundary Peace Initiative | To assist with Seed Funds | 1,000.00 |
| 373-19 | 29/Aug | Grand Forks Curling Club | To assist with Building Security Enhancement | 1,550.00 |
| 373-19 | 29/Aug | Grand Forks Senior Society Branch 68 | To assist with 'Replace Inventory' | 3,000.00 |
| 373-19 | 29/Aug | Kettle Valley Food Co-op | To assist with the Harvest Festival | 500.00 |
| Total | | | \$ | 28,575.00 |
| Balance Remaining | | | \$ | 41,682.00 |

| Electoral Area 'E' / West Boundary | | Grants-In-Aid 2019 |
|------------------------------------|--|----------------------|
| Balance Remaining from 2018 | | 46,412.96 |
| 2019 Requisition | | 86,814.00 |
| Less Board Fee 2019 | | (3,414.00) |
| Total Funds Available: | | \$ 129,812.96 |

| RESOLUTION # | DATE | RECIPIENT | DESCRIPTION | AMOUNT |
|--------------------------|--------|--|---|---------------------|
| 20-19 | 19/Jan | Rock Creek Community Medical Society | To assist with rental of meeting room | 280.00 |
| 70-19 | 31/Jan | West Boundary Community Services Cooperative Association | To assist with incorporation | 2,966.57 |
| 70-19 | 31/Jan | Big White Mountain Community Development Association | To assist with laptop | 500.00 |
| 70-19 | 31/Jan | Big White Mountain Community Development Association | To assist with Sage bookkeeping software | 500.00 |
| 70-19 | 31/Jan | Big White Mountain Community Development Association | To assist with bookkeeper/financial planning | 1,200.00 |
| 115-19 | 21/Feb | Boundary Metis Community Association | To assist with the snowshoeing program celebration dinner | 800.00 |
| 115-19 | 21/Feb | West Boundary Community Services Cooperative Association | To assist with consulting and grant writing | 3,000.00 |
| 115-19 | 21/Feb | West Boundary Community Services Cooperative Association | To assist with insurance at start-up | 1,147.00 |
| 167-19 | 14/Mar | Gospel Chapel, Blessings Boutique & More | To assist with reimbursement of transportation costs | 400.00 |
| 167-19 | 14/Mar | Discover Rock Creek | To assist with economic development/consultant fees | 1,000.00 |
| 167-19 | 14/Mar | Discover Rock Creek | To assist with Canada Day celebrations | 1,500.00 |
| 167-19 | 14/Mar | Trails to the Boundary | To assist with advertising and marketing Rail Trail | 551.25 |
| 167-19 | 14/Mar | West Boundary Sustainable Foods and Resources Soc. | To assist with catering regional meat producer's meeting | 350.00 |
| 234-19 | 8/May | Boundary Central Secondary School PAC | To assist with Student's Training First Aid | 1,000.00 |
| 235-19 | 8/May | Greenwood Board of Trade | To assist with Founder's Day | 1,500.00 |
| 254-19 | 23/May | Boundary Woodlot Association | To assist with Community Emerg. Prep Fair | 1,691.21 |
| 254-19 | 23/May | Kettle Valley Golf Club | To assist with Maintenance of AED unit | 672.00 |
| 254-19 | 23/May | West Boundary Community Services Cooperative Association | To assist with Co-Op Membership | 119.00 |
| 254-19 | 23/May | West Boundary Community Services Cooperative Association | To assist with Land Lease Legal Fees | 3,595.20 |
| 272-19 | 12/Jun | Discover Rock Creek | To assist with Rock Creek Market Insurance | 926.00 |
| 308-19 | 20/Jun | Bridestville Water Improvement District | To assist with Well Work | 3,659.30 |
| 308-19 | 20/Jun | Greenwood & District Public Library Association | To assist with Summer Reading Club | 300.00 |
| 308-19 | 20/Jun | Phoenix Foundation of the Boundary Communities | To assist with the Vital Signs Report | 1,000.00 |
| 308-19 | 20/Jun | Big White Mountain Community Development Association | To assist with Summer Camp | 6,500.00 |
| 309-19 | 20/Jun | Anaconda Water System (Feasibility Study Trsf) | To assist with water system | 3,000.00 |
| 335-19 | 18/Jul | Midway Public Library | To assist with Residents Library Memberships | 4,000.00 |
| 373-19 | 29/Aug | Big White Mountain Community Development Association | To assist with 'Meet Your Neighbours Event' | 2,000.00 |
| Total allocated | | | | \$ 44,157.53 |
| Balance Remaining | | | | \$ 85,655.43 |

| |
|---|
| <p align="center">Regional District of Kootenay Boundary Status Report - Gas Tax Agreement August 31, 2019</p> |
|---|

Revenue:

| | |
|--------|-----------------|
| Area A | \$ 1,207,895.43 |
| Area B | \$ 897,753.97 |
| Area C | \$ 880,248.57 |
| Area D | \$ 2,024,489.54 |
| Area E | \$ 1,338,695.55 |

TOTAL AVAILABLE FOR PROJECTS

\$ 6,349,083.06**Expenditures:**

| | |
|--------|---------------|
| Area A | \$ 704,155.48 |
| Area B | \$ 629,187.75 |
| Area C | \$ 591,210.17 |
| Area D | \$ 837,360.54 |
| Area E | \$ 957,072.58 |

TOTAL SPENT OR COMMITTED

\$ 3,718,986.52**TOTAL REMAINING****\$ 2,630,096.54**

**Regional District of Kootenay Boundary
Status Report - Gas Tax Agreement
August 31, 2019**

A

ELECTORAL AREA 'A'

| | Description | Status | Allocation | |
|--|-------------|--------|------------|--|
|--|-------------|--------|------------|--|

Revenue:

Per Capital Allocation of Gas Tax Grant:

| | | | |
|----------------------------|-----------|----|------------|
| Allocation to Dec 31, 2007 | Received | \$ | 96,854.94 |
| Allocation to Dec 31, 2008 | Received | | 46,451.80 |
| Allocation to Dec 31, 2009 | Received | | 91,051.00 |
| Allocation to Dec 31, 2010 | Received | | 89,796.00 |
| Allocation to Dec 31, 2011 | Received | | 89,788.04 |
| Allocation to Dec 31, 2012 | Received | | 87,202.80 |
| Allocation to Dec 31, 2013 | Received | | 87,167.87 |
| Allocation to Dec 31, 2014 | Received | | 84,868.70 |
| Allocation to Dec 31, 2015 | Received | | 84,868.70 |
| Allocation to Dec 31, 2016 | Received | | 87,726.69 |
| Allocation to Dec 31, 2017 | Received | | 88,649.64 |
| Allocation to Dec 31, 2018 | Received | | 91,749.50 |
| Allocation to Dec 31, 2019 | Estimated | | 181,719.75 |

TOTAL AVAILABLE FOR PROJECTS

\$ 1,207,895.43

Expenditures:

Approved Projects:

| | | | | |
|--------|---|------------|----|------------|
| 2009 | Columbia Gardens Water Upgrade | Completed | \$ | 250,000.00 |
| 2011 | South Columbia SAR Hall | Completed | | 2,665.60 |
| 281-13 | BV Family Park - Solar Hot Water | Completed | | 16,684.00 |
| 451-13 | Beaver Valley Arena - Lighting | Completed | | 69,000.00 |
| 26-14 | LWMP Stage II Planning Process | Completed | | 805.88 |
| 17-15 | Beaver Creek Park - Band Shell/Arbour | Funded | | 93,984.01 |
| | Beaver Creek Park - Band Shell/Arbour | Pending or | | |
| | | Committed | | 6,015.99 |
| 61-17 | Fruitvale Elementary Playground -PAC LEAP Project | Completed | | 20,000.00 |
| 126-17 | RDKB BVPART (Electrical Upgrade BV Family Park) | Funded | | 5,327.25 |
| | | Pending or | | |
| | | Committed | | 4,672.75 |
| 153-17 | RDKB BVPART (Electrical Upgrade BV Family Park) | Completed | | 70,000.00 |
| | Village of Fruitvale (Fruitvale RV Park) | Pending or | | |
| | | Committed | | 150,000.00 |
| 73-18 | Village of Fruitvale (Construction of Replica Train Stati | Committed | | 15,000.00 |
| 166-19 | Champion Lakes Golf & Country Club (New Metal Roo | Committed | | |

TOTAL SPENT OR COMMITTED

\$ 704,155.48

TOTAL REMAINING

\$ 503,739.95

**Regional District of Kootenay Boundary
Status Report - Gas Tax Agreement
August 31, 2019**

ELECTORAL AREA 'B' / LOWER COLUMBIA/OLD GLORY



| | Description | Status | Allocation | |
|--|-------------|--------|------------|--|
|--|-------------|--------|------------|--|

Revenue:

Per Capital Allocation of Gas Tax Grant:

| | | | |
|----------------------------|-----------|----|------------|
| Allocation to Dec 31, 2007 | Received | \$ | 69,049.93 |
| Allocation to Dec 31, 2008 | Received | | 33,116.46 |
| Allocation to Dec 31, 2009 | Received | | 64,912.00 |
| Allocation to Dec 31, 2010 | Received | | 64,017.00 |
| Allocation to Dec 31, 2011 | Received | | 64,010.00 |
| Allocation to Dec 31, 2012 | Received | | 65,936.00 |
| Allocation to Dec 31, 2013 | Received | | 65,907.41 |
| Allocation to Dec 31, 2014 | Received | | 64,169.02 |
| Allocation to Dec 31, 2015 | Received | | 64,169.02 |
| Allocation to Dec 31, 2016 | Received | | 66,329.94 |
| Allocation to Dec 31, 2017 | Received | | 67,600.62 |
| Allocation to Dec 31, 2018 | Received | | 69,964.45 |
| Allocation to Dec 31, 2019 | Estimated | | 138,572.12 |

TOTAL AVAILABLE FOR PROJECTS

\$ 897,753.97

Expenditures:

Approved Projects:

| | | | | |
|---------|---|----------------------|----|------------|
| 8547 | GID - Groundwater Protection Plan | Completed | \$ | 10,000.00 |
| 11206 | GID - Reducing Station (Advance)2008 | Completed | | 16,000.00 |
| 2009 | GID - Reducing Station (Balance) | Completed | | 14,000.00 |
| 2009 | GID - Upgrades to SCADA | Completed | | 22,595.50 |
| 2009 | Casino Recreation - Furnace | Completed | | 3,200.00 |
| Phase 1 | GID - Pipe Replacement/Upgrades | Completed | | 60,000.00 |
| Phase 2 | Looping/China Creek | Completed | | 18,306.25 |
| 2012 | Rivervale Water SCADA Upgrade | Completed | | 21,570.92 |
| 2013 | Rossland-Trail Country Club Pump | Completed | | 20,000.00 |
| 261-14 | Rivervale Water & Streetlighting Utility | Completed | | 20,000.00 |
| 262-14 | Genelle Imp. District - Water Reservoir | Completed | | 125,000.00 |
| 263-14 | Oasis Imp. District - Water Well | Completed | | 34,918.00 |
| | Castlegar Nordic Ski Club (Paulson Cross Country Ski Trail Upgrade) | Completed | | 10,000.00 |
| 251-15 | Black Jack Cross Country Ski Club Society (Snow Cat) | Completed | | 10,000.00 |
| 252-15 | Rivervale Water & Streetlighting Utility (LED Streetlights) | Completed | | 14,417.00 |
| 253-15 | Rivervale Oasis Sewer Utility (Flow Meters) | Completed | | 90,000.00 |
| 254-15 | Rivervale Oasis Sewer Utility - RDKB (Wemco Booster Pumps) | Completed | | - |
| 190-16 | Area 'B' Recreation - RDKB (Rivervale Shed) | Completed | | 8,632.00 |
| 221-16 | Rossland Historical Museum and Archive Association (Rossland Museum Upgrades) | Completed | | 25,000.00 |
| 152-17 | Visions for Small Schools Society (Broadband Installation) | Completed | | 13,381.80 |
| 296-17 | Birchbank Golf Club (Upgrade Irrigation Satellite Controller) | Completed | | 50,000.00 |
| 111-18 | Silver City Trap Club (Electrical System Upgrades) | Funded | | 15,664.71 |
| 102-19 | Silver City Trap Club (Electrical System Upgrades) | Pending or Committed | | 5,221.57 |
| 165-19 | Silver City Trap Club (Used Tractor) | Funded | | 15,960.00 |
| | Silver City Trap Club (Used Tractor) | Committed | | 5,320.00 |

TOTAL SPENT OR COMMITTED

\$ 629,187.75

TOTAL REMAINING

\$ 268,566.22

| Status Report - Gas Tax Agreement Electoral Area 'C' / Christina Lake | | | |
|--|--|-------------------------|---------------|
| 80-16 | Christina Lake Community Association (Installation Make-Up Air System Shortfall) | Completed | 6,263.75 |
| 269-16 | RDKB C.L. Solar Aquatic System (Plant Rack) | Completed | 7,384.83 |
| 271-16 | RDKB (Boundary Agricultural & Food Project) | Funded | 1,714.76 |
| | RDKB (Boundary Agricultural & Food Project) | Pending or Committed | 414.95 |
| 404-17 | RDKB CL PARTS (New Washrooms @ Pickleball/Tennis Courts) | Completed | 15,000.00 |
| 72-18 | RDKB Kettle River Watershed Authority (Drought Management Plan) (\$11,303.33 is Approx Amount; Actual Allocation To Be Determined) | Funded | 7,957.19 |
| | RDKB Kettle River Watershed Authority (Drought Management Plan) (\$11,303.33 is Approx Amount; Actual Allocation To Be Determined) | Pending or Committed | 3,346.14 |
| 231-19 | RDKB CL PARTS (Pickle Ball Courts) | Funded | 356.43 |
| | RDKB CL PARTS (Pickle Ball Courts) | Pending or Committed | 99,643.57 |
| TOTAL SPENT OR COMMITTED | | | \$ 591,210.17 |
| TOTAL REMAINING | | | \$ 289,038.40 |

| Status Report - Gas Tax Agreement Electoral Area 'D' / Grand Forks Rural | | | |
|---|---|----------------------|-----------------|
| 293-16 | Grand Forks Aquatic Center (Underwater LED Light Replacement) | Completed | 11,508.76 |
| 451-16 | Phoenix Cross Country Ski Society (Trail Grooming Machine) | Completed | 20,512.33 |
| 467-17 | RDKB (Boundary Transit Capital Funding) | Completed | 5,889.00 |
| 468-17 | RDKB (Boundary Trails Master Plan) | Funded | 15,165.01 |
| | RDKB (Boundary Trails Master Plan) | Pending or Committed | 4,834.99 |
| 72-18 | RDKB Kettle River Watershed Authority (Drought Management Plan) (\$11,303.33 is Approx Amount; Actual Allocation To Be Determined) | Funded | 7,957.18 |
| | RDKB Kettle River Watershed Authority (Drought Management Plan) (\$11,303.33 is Approx Amount; Actual Allocation To Be Determined) | Pending or Committed | 3,346.15 |
| 112-18 | Grand Forks Community Trails Society (North Fork Trans Canada Trail Surface Installation) | Funded | 37,500.00 |
| | Grand Forks Community Trails Society (North Fork Trans Canada Trail Surface Installation) | Pending or Committed | 12,500.00 |
| 258-18 | Boundary Museum Society (Black Hawk Livery Addition (40' x 60') Phase 1) | Funded | 45,000.00 |
| | Boundary Museum Society (Black Hawk Livery Addition (40' x 60') Phase 1) | Pending or Committed | 15,000.00 |
| 298-18 | RDKB Grand Forks Curling Rink (Facility Condition Assessment) | Funded | 4,450.00 |
| | RDKB Grand Forks Curling Rink (Facility Condition Assessment) | Pending or Committed | 4,550.00 |
| 361-19 | RDKB (Boundary Transit 2018 Capital Funding) | Completed | 9,965.00 |
| 361-19 | RDKB Boundary Transit | Completed | 10,086.00 |
| 362-19 | Boundary Area Disc Athletic Sports Society | Pending or Committed | 12,508.00 |
| TOTAL SPENT OR COMMITTED | | | \$ 837,360.54 |
| TOTAL REMAINING | | | \$ 1,187,129.00 |

Status Report - Gas Tax Agreements
Electoral Area 'E' / West Boundary

Regional District of Kootenay Boundary
Status Report - Gas Tax Agreement
August 31, 2019



ELECTORAL AREA 'E' / WEST BOUNDARY

| | Description | Status | Allocation | |
|--|-------------|--------|------------|--|
|--|-------------|--------|------------|--|

Revenue:

Per Capital Allocation of Gas Tax Grant:

| | | | |
|----------------------------|-----------|----|------------|
| Allocation to Dec 31, 2007 | Received | \$ | 108,785.28 |
| Allocation to Dec 31, 2008 | Received | | 52,173.61 |
| Allocation to Dec 31, 2009 | Received | | 102,266.68 |
| Allocation to Dec 31, 2010 | Received | | 100,857.14 |
| Allocation to Dec 31, 2011 | Received | | 100,846.00 |
| Allocation to Dec 31, 2012 | Received | | 93,112.00 |
| Allocation to Dec 31, 2013 | Received | | 93,073.54 |
| Allocation to Dec 31, 2014 | Received | | 90,618.62 |
| Allocation to Dec 31, 2015 | Received | | 90,618.62 |
| Allocation to Dec 31, 2016 | Received | | 93,670.24 |
| Allocation to Dec 31, 2017 | Received | | 101,025.90 |
| Allocation to Dec 31, 2018 | Received | | 104,558.52 |
| Allocation to Dec 31, 2019 | Estimated | | 207,089.40 |

| | | |
|------------------------------|----|--------------|
| TOTAL AVAILABLE FOR PROJECTS | \$ | 1,338,695.55 |
|------------------------------|----|--------------|

Expenditures:

Approved Projects:

| | | | | | |
|---------|--|----------------------|----|-----------|-------------|
| 283 | Greenwood Solar Power Project | Completed | \$ | 3,990.00 | |
| 8548 | Kettle Valley Golf Club | Completed | | 20,000.00 | |
| 8546 | West Boundary Elementary School Nature Park | Completed | | 13,500.00 | } 28,500.00 |
| 8546E | 2010 WBES - Nature Park (expanded) | Completed | | 15,000.00 | |
| 2009/10 | Kettle Wildlife Association (heat pump) | Completed | | 35,000.00 | |
| 2010 | Rock Creek Medical Clinic (windows/doors) | Completed | | 18,347.56 | |
| 2010 | Kettle Valley Golf Club (Pumps) | Completed | | 24,834.63 | } 41,368.00 |
| 2011 | Kettle Valley Golf Club (Pumps) | Completed | | 10,165.37 | |
| 2011 | Kettle Valley Golf Club (Pumps) | Completed | | 6,368.00 | |
| 2010 | Rock Creek Fairground Facility U/G | Completed | | 14,235.38 | } 44,000.00 |
| 2011 | Rock Creek Fairground Facility U/G | Completed | | 22,764.62 | |
| 2011 | Rock Creek Fairground Facility U/G | Completed | | 7,000.00 | |
| 2010/11 | Beaverdell Community Hall Upgrades | Completed | | 47,000.00 | |
| 2010 | Kettle River Water Study | Funded | | 25,000.00 | |
| 2012-1 | Kettle River Watershed Study | Funded | | 15,000.00 | |
| 2012-2 | Kettle River Watershed Study | Funded | | 40,000.00 | |
| 2013 | Kettle River Watershed Project | Funded | | 49,799.31 | |
| 2014 | Kettle River Watershed Study | Funded | | 33,201.82 | |
| 2015 | Kettle River Watershed Study | Funded | | 10,946.27 | |
| 2016 | Kettle River Watershed Study | Funded | | 5,805.60 | |
| 2017 | Kettle River Watershed Study | Funded | | 15,514.16 | |
| 2018 | Kettle River Watershed Study | Funded | | 1,714.29 | |
| | Kettle River Watershed Study | Pending or Committed | | 518.55 | |
| 417-13 | Kettle River Watershed (Granby Wilderness Society) | Funded | | 2,000.00 | |
| 145-14 | Rock Creek & Boundary Fair Association (Electrical Lighting & Equipment Upgrade) | Completed | | 35,122.00 | |
| 221-15 | Greenwood Heritage Society (Zee Brick Replacement) | Completed | | 6,000.00 | |
| 222-15 | Big White Chamber of Commerce (Tourist Trails Information Sign) | Funded | | 2,085.70 | |
| | Big White Chamber of Commerce (Tourist Trails Information Sign) | Pending or Committed | | 695.23 | |
| 255-15 | Rock Creek & Boundary Fair Association (Irrigation Upgrades) | Completed | | 20,866.89 | |
| 341-15 | Greenwood Heritage Society (Install 2 Electric Car Charging Stations) | Completed | | 2,527.56 | |
| 342-15 | Kettle River Museum (Install 2 Electric Car Charging Stations) | Completed | | 2,743.50 | |

| Status Report - Gas Tax Agreements Electoral Area 'E' / West Boundary | | | |
|--|---|----------------------|------------|
| 343-15 | Trails to the Boundary Society (Trans-Canada Trail Between Mcculloch and Eholt) | Funded | 29,574.09 |
| 81-16 | Kettle Valley Golf Club (Pump House Renovation Project) | Completed | 10,123.48 |
| 110-16 | Kettle Wildlife Association (Parking/Water/Electrical Upgrades) | Completed | 24,717.57 |
| 182-16 | Rock Creek Community Medical Society (Roof and Floor Replacement RC Health Centre) | Completed | 22,675.68 |
| 183-16 | Kettle Wildlife Association (Parking/Water/Electrical Upgrades Addiitonal) | Completed | 3,744.15 |
| 271-16 | RDKB (Boundary Agricultural & Food Project) | Funded | 11,459.95 |
| | RDKB (Boundary Agricultural & Food Project) | Pending or Committed | 2,773.19 |
| 451-16 | Phoenix Cross Country Ski Society (Trail Grooming Machine) | Completed | 10,256.17 |
| 166-17 | Beaverdell Community Club & Recreation Commission (Bleachers Beaverdell Ball Park) | Funded | 7,178.90 |
| | Beaverdell Community Club & Recreation Commission (Bleachers Beaverdell Ball Park) | Pending or Committed | 2,392.96 |
| 198-17 | Westbridge Recreation Society (Replace Kitchen Westbridge Hall) | Completed | 20,699.41 |
| 468-17 | RDKB (Boundary Trails Master Plan) | Funded | 15,165.01 |
| | RDKB (Boundary Trails Master Plan) | Pending or Committed | 4,834.99 |
| 72-18 | RDKB Kettle River Watershed Authority (Drought Management Plan) (\$11,303.33 is Approx Amount; Actual Allocation To Be Determined) | Funded | 7,957.17 |
| | RDKB Kettle River Watershed Authority (Drought Management Plan) (\$11,303.33 is Approx Amount; Actual Allocation To Be Determined) | Pending or Committed | 3,346.17 |
| 152-18 | Westbridge Recreation Society (Door Upgrades/ LED Conversion/Curtains & Tracking System) | Completed | 7,023.06 |
| 154-18 | Bridesville Community Club (Hall Addition) | Completed | 70,000.00 |
| 296-18 | Rock Creek & Boundary Fair Association (Assembly Hall Upgrades) | Completed | 20,000.00 |
| 297-18 | Kettle River Museum (Bunkhouse Upgrades) | Funded | 15,000.00 |
| | Kettle River Museum (Bunkhouse Upgrades) | Pending or Committed | 5,000.00 |
| 467-18 | King of Kings New Testament Church (H/E Commercial Dishwasher) | Completed | 6,608.51 |
| 566-18 | Westbridge Recreation Society (Construction of New Building) | Funded | 30,637.30 |
| | Westbridge Recreation Society (Construction of New Building) | Pending or Committed | 10,212.43 |
| 47-19 | Kettle Valley Golf Club (Clubhouse Window Replacement) | Funded | 5,959.46 |
| | Kettle Valley Golf Club (Clubhouse Window Replacement) | Pending or Committed | 1,986.49 |
| 271-19 | West Boundary Community Services Co-Operative (Rock Creek Community Hub) | Funded | 75,000.00 |
| | West Boundary Community Services Co-Operative (Rock Creek Community Hub) | Pending or Committed | 25,000.00 |
| TOTAL SPENT OR COMMITTED | | \$ | 957,072.58 |
| TOTAL REMAINING | | \$ | 381,622.97 |