

**REGIONAL DISTRICT OF BULKLEY-NECHAKO
SUPPLEMENTARY AGENDA**

Thursday, January 25, 2018

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4	John Illes, Chief Financial Officer – Resource Benefits Alliance 2017 Costs	Direction
5	John Illes, Chief Financial Officer – Service 10201 - Fort St. James Arena Grant (replaces page 89 of the regular agenda)	Recommendation (Page 5)
<u>CORRESPONDENCE</u>		
6-12	Passive House Canada – Request for Support	Direction
<u>DEVELOPMENT SERVICES</u>		
<u>Referrals</u>		
13-19	Pacific Trail Pipeline (PTP) Permit Expiry Extension Referral Chevron Canada Ltd.	Recommendation (Page13)
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20-21	Telkwa Coal clarification regarding Mines Referral No. 13755-02-030 Dan Farmer, P. Eng. Allegiance Coal (See page 110-120 in Regular Agenda)	Receive
<u>EMERGENCY SERVICES</u>		
<u>Memo</u>		
22-35	Haley Jeffrey, Emergency Services Manager RE: Ebenezer Flats / Kidd Road Flood Mitigation Study and RFP Approval	Recommendation (Page 23)
<u>Correspondence</u>		
36-39	Transportation Trade Network Analysis (TTN) RE: TTN study overview and request for involvement.	Receive

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	<u>BYLAW FOR FIRST, SECOND & THIRD READING</u>	
40-41	No. 1817 – Goetjen Road Street Lighting Local Service Establishment Repeal Bylaw (All/Directors/Majority) (replaces pages 328-329 of the Regular Agenda)	1st, 2nd & 3rd Reading
	<u>NEW BUSINESS</u>	
	<u>ADJOURNMENT</u>	

**REGIONAL DISTRICT OF BULKLEY-NECHAKO****MEMORANDUM**

TO: Chairperson Miller and Board of Directors

FROM: Melany de Weerd, Chief Administrative Officer

DATE: January 23, 2018

SUBJECT: March 22, 2018 Board Meeting

The Regional District of Bulkley-Nechako Board of Directors ratified the 2018 Board/Committee Meeting schedule which includes a Board meeting on March 22, 2018.

At the time of adopting this schedule the date for the Chair/CAO Forum was not yet known. In past years the Chair/CAO forum has been held in Victoria during the last week of March, followed by the Municipal Finance Authority AGM. This year, Municipal Finance Authority has moved its AGM to March 21 and March 22, so the Chair/CAO forum has also been moved to that week. Chair Miller, Cheryl Anderson, Manager of Administrative Services, and myself will not be in attendance for meetings scheduled on March 22nd.

John Illes, Chief Financial Officer has indicated that he can prepare the budget in time for adoption on March 8, 2018 at a Special Board meeting.

At this time, staff is looking for direction as to whether the Board of Directors would like to cancel the March 22, 2018 Board meeting or move it to either March 15, 2018 or March 29, 2018 and whether to bring forward the budget to a Special Board meeting on March 8.

RECOMMENDATION:

(All/Directors/Majority)

Direction.



Regional District of Bulkley-Nechako Memo Board Agenda – January 25, 2018

To: Chair Miller and Board of Directors
From: John Illes, Chief Financial Officer
Date: January 22, 2018
Re: Resource Benefits Alliance 2017 Costs

In 2017, the approved budget for special projects was set at \$213,868. In the most recent budget discussions for 2018, staff estimated that the actual costs for this line item would be \$140,000 for the 2017 year end. Our actual amount for the 2017 year end is \$54,305 of which \$49,788 (+ GST) is directly attributable to Resource Benefits Alliance consultant fees.

Staff have just learned that the total costs for the Resource Benefits Alliance consulting fees paid by the Regional District of Kitimat-Stikine is \$489,852. Previously, the RDBN has reimbursed RDKS one third of all associated costs for this project. If the RDBN wishes to reimburse the costs to RDKS, the estimated amount of expense for the 2017 year would be \$163,284. This is an increase of \$25,312 over the year end estimate of \$140,000 staff brought forward earlier in January for special project costs.

If the directors wish to compensate RDKS for these additional costs, the estimated tax increase will move from 1.3% to 1.8% for common services and from 2.0% to 2.4% for all services combined (both rural and municipal services).

I would be pleased to answer any questions.

Recommendation:

(All/Directors/Majority)

"That the Board of the Regional District of Bulkley-Nechako receive the Chief Financial Officer's memo dated January 16, 2018 titled 'Resource Benefits Alliance 2017 Costs'

and

Direction



Regional District of Bulkley-Nechako Memo Board Agenda – January 25, 2018

To: Chair Miller and Board of Directors
From: John Illes, Chief Financial Officer
Date: January 16, 2018
Re: Service 10201 Fort St. James Arena Grant

Service 10201 provides a grant to the District of Fort. St. James to support the arena from a defined portion of Area "C".

Bylaw 1120 currently has a maximum taxation rate of \$0.192 per \$1000 and its date of establishment is September 13, 1999. As per the *Regional Districts Establishing Bylaw Approval Exemption Regulation*, this bylaw can be amended to increase the taxation rate by 25% without requesting support of the electorate.

Bylaw 1819 proposes to amend this maximum rate to \$0.240/\$1000 (\$0.120 for operating and \$0.120 for capital costs). Director Greenaway is supportive of this bylaw.

I would be pleased to answer any questions.

Recommendation:

(All/Directors/Majority)

"That the Board of the Regional District of Bulkley-Nechako receive the Chief Financial Officer's memo dated January 16, 2018 titled 'Service 10201 Fort St. James Arena Grant', and further

"That the Board of Directors consider giving bylaw 1819 three readings later in the agenda."

6 Board - Direction
(Request for Support)

Cheryl Anderson

From: Mark.Fisher
Sent: January 23, 2018 9:57 PM
To: gbrown@smithers.ca; marc@passivehousecanada.com
Cc: Cheryl Anderson; Jason.llewellyn
Subject: Re: Funding Proposal from Passive House Canada
Attachments: Smithers High-performance Buildings Outreach-Regional District Proposal[3].pdf;
Regional District Proposal Covering Letter[2].pdf

Hi Greg and Marc,

This is great.

I will bring this up in our supplemental agenda on Thursday.

I will ask if there is interest from other Directors to support it as a regional project.

I doubt that will happen simply because of distances to travel to any workshop.. However, there are several rural and municipal directors that may go for it. We'll see. I will suggest a \$1000 contribution.

If there isn't the interest on the board level then I will commit to a Grant in Aid of \$500 from 'Area A'. It would certainly benefit the rural folks as I talk about this and other alternative building techniques with contractors and rural property owners regularly.

For an Area A Grant in Aid an application would have to be made. As an NGO you would qualify with my support, which I'm giving.

I am cc'ing Cheryl Anderson who will follow up with you.

Only question I have is ... could be a short session, or a separate conversation, or even just a briefing note that directly addresses any issues directly related to current building codes or local bylaws? It would be good to start to understand any potential challenges and solutions for both developers and building inspectors.

Thanks.

Cc'ing Jason just for your info I suppose.

Cheryl. Is it possible to get this on the sup with a 'request for support'. If not then I will bring it up and speak to it under new business. We can chat more too.

Thanks all.

MF

Mark Fisher

Area A Director (Smithers / Telkwa Rural)

Regional District Bulkley Nechako

mark.fisher@rdbn.bc.ca

250-877-8434 (c)

250-846-9045 (h)

From: Mark Fisher <markfisher@bulkley.net>
Date: Tuesday, January 23, 2018 7:29 PM
To: Mark Fisher <mark.fisher@rdbn.bc.ca>
Subject: Fwd: Funding Proposal from Passive House Canada

Begin forwarded message:

From: Greg Brown <gbrown@smithers.ca>
Date: January 23, 2018 12:48:58 PM PST

1

To: Mark Fisher <markfisher@bulkley.net>
Cc: Tremblay Marc <marc@passivehousecanada.com>
Subject: Funding Proposal from Passive House Canada

Hi Mark,

An NGO, Passive House Canada, is raising funds to host a workshop and outreach activities in Smithers for the wider BV community . The Smithers Town Council has already committed \$500 towards the project. Please accept that attached letter and project description from Marc Tremblay.

If you have any questions, please free to ask myself or Marc.

regards,

Greg Brown
250-847-3143

Greg Brown
Councillor, Town of Smithers
gbrown@smithers.ca
cell: 250-847-3143
@nwbcgreg

Mark Fisher
10668 Hislop Road,
Telkwa, BC, V0J 2X1
250-846-9045

A PATH TOWARDS MORE HIGH-PERFORMANCE BUILDINGS, COMFORT AND ENERGY CONSERVATION

Introduction

The aim of this project is to bring knowledge of high-performance building design and construction to First Nations and Northern communities in British Columbia (BC). Such buildings are not only healthier, affordable and provide an exceptional level of thermal comfort in locations where the climate is more extreme, but they are an important step towards creating resilient communities that contribute to provincial and national efforts to meet greenhouse gas emission targets.

An important driver for this project is the global imperative to improve the quality and performance of our buildings to address climate change and improve quality of life. Governments recognize high-performance buildings, specifically those built based on Passive House design and construction principles, offer the proven best methodology of achieving that goal.

As governments recognize the need to adopt outcome-based building regulations and move towards monitoring actual building performance, a reliable method to achieve high performance is crucial.

Increase awareness, peak curiosity in builders and tradespersons

With financial support from the Real Estate foundation of British Columbia and building on what has been done in Prince George and Fort St. John in November 2017, Passive House Canada proposes to host public outreach event in Smithers, and to offer a heavily subsidized 1-day training session for those who wish to know more about high performance buildings. Attendees for such trainings often include members of the public, builders, architects, engineers, developers, tradespersons and government officials.

The one-day Introduction to Passive House course proposed for this project does not offer training in the use of the Passive House energy model, but it explains what a high-performance building is, and the reasons consumers, communities and developers want them. The goal is to inspire participants to either take further training or seek out professionals qualified to deliver such projects.

Why is this relevant in Smithers and First Nations' communities?

Passive House buildings present a realistic First Nations housing solution recognized by First Nations, the provincial and federal governments. Passive House buildings are affordable to build, durable, with low maintenance and running costs. Better quality construction means healthier buildings that are comfortable year-round, which is particularly important for those in Northern or remote communities. Their inherent resilience in the event of power interruption and the ability to meet their energy needs from local renewable energy sources are other recognized advantages. Numerous First Nations communities have expressed their interest in Passive House as means to supporting sustainable communities, with low impact to the land.

The project is the first step in the process to training the local workforce to deliver high performance buildings for their community. The movement to high performance buildings has gained significant momentum in BC and across the country. High-performance staff housing was built in Bella Bella, while the Yale First Nation built two Passive House town homes, both of which were manufactured by Britco. Passive House developer and course conductor, Marcel Studer, has been a speaker at the First Nations Housing conference in Vancouver on two occasions.

In November, similar events in Prince George and Fort. St. John attracted a high level of interest. In Prince George, the West Moberly Band and The Aboriginal Housing Society of Prince George partnered with Passive House Canada to host a public outreach session and 1-day introductory course. In Fort St. John over 100 people participated in the public information events and courses.

The importance of having introductory Passive House programming becomes clearer as more bands seek funding for housing projects. High performance buildings require care in design and construction, a fact highlighted in this outreach program. Ensuring communities begin the process with that understanding sets them up for success and ensures they connect with the resources they need. Once a community has experienced a successful high performance building, more projects follow, secure in the knowledge of the local capacity to deliver.

Project deliverables

In collaboration with community partners, Passive House Canada will deliver the following:

1. A 1-day introductory Passive House courses in Smithers. This course provides an introduction to high-performance buildings and the Passive House Building standard. Additional information on the course can be found in the Appendix at the end of this document.
2. Deliver public information/outreach event in Smithers,
3. Identify members of the community, including First Nations, (through the introductory courses and community outreach/information sessions associated with this project) who have previously taken Passive House training or worked on high-performance buildings, or are interested in taking such training, to determine how these people would benefit from new or additional training and information on future training opportunities.

Next Steps

While this program is supported in part by the Real Estate Foundation of BC, those funds are conditional upon receiving matching contributions from the community. Prince George and Fort St. John each contributed approximately \$5,000 in cash and in-kind contributions for their events, and a similar contribution would be ideal for Smithers.

At this time, the Town of Smithers has contributed \$500 to the project. Other potential contributors are being approached, such as the Kassandra Foundation and the Gitksan Government Commission.

Should you wish to help contribute to the success of this project, please contact me to discuss how you may be able to assist, preferably before January 24th.

Marc S. Tremblay
Director of Operations
Passive House Canada

Suite 210, 620 View Street
Victoria, BC V8W1J6
1-778-265-2744, ext. 6
marc@passivehousecanada.com
www.passivehousecanada.com

APPENDIX A: COURSE DESCRIPTION

110: Introduction to the Passive House Building Standard

This course provides an overview of the core principles of Passive House design and building energy efficiency regulations in Canada. It covers the history of energy efficient buildings, energy consumption data and environmental impact, case studies and the economics of creating high performance buildings.

There are no prerequisites for this course and it is recommended for anyone wishing to understand the basics of Passive House high performance buildings, including: homeowners, developers, project coordinators, realtors, subcontractors and component suppliers, architects, engineers, architectural technologists and other design professionals.

Please note: this is an introductory course and does not provide the technical knowledge necessary to design a Passive House building. If you are ready to take on a Passive House project, we recommend going directly to 120: Passive House Design and Construction.

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January 9, 2018

Mr. Mark Fisher
Electoral Area Director
Bulkley-Nechako (Regional District)
Box 820, Burns Lake, BC, V0J 1E0

Dear Mr. Fisher,

My name is Marc Tremblay and I am the Director of Operations for Passive House Canada.

Passive House Canada is a non-profit association advocating for high-performance buildings and the Passive House building standard. Its mission is to transform the built environment: create more comfortable, healthier and affordable buildings, and contribute to a sustainable future by reducing the energy required to heat and cool buildings by up to 90%, reducing greenhouse gas emissions.

Counsellor Greg Brown encouraged to write you to determine if you could support a project we are promoting in Smithers.

With funding from the Real Estate Foundation of BC, we are planning to come to Smithers in March to increase awareness about the Passive House building standard and what it could represent for your community and nearby First Nations. We plan to host a **public outreach event** to share information with the community, and host our 1-day course: **Introduction to Passive House High-Performance Buildings**. The course is open to anyone with an interest in building high-performance buildings, including members of the public, builders, developers, architects, engineers, technologists, government officials, etc.

As with all project with the Real Estate Foundation of BC, their funding is contingent upon matching a portion of it by community partners.

With that in mind, please find attached a short 3-page proposal that provides you more information on the project. We sincerely believe this initiative would benefit the Regional District. If you agree, perhaps you could assist by providing some financial assistance to help unlock the funds from the Real Estate Foundation of BC, somewhere in the \$500 to \$1,000 range, if possible.

Thank you for your consideration and I will be happy to answer any questions you might have.

Kind Regards,



Marc S. Tremblay
Director of Operations
marc@passivehousecanada.com
Cell: 778-350-5566

**PASSIVEHOUSE
CANADA**

**MAISONPASSIVE
CANADA**

Head Office: 210-620 View St.
Victoria, BC V8W 1J6
passivehousecanada.com



MEMORANDUM

To: Board Directors
From: Jennifer MacIntyre, Planner I
Date: January 24, 2018
Re: Referral File Pacific Trail Pipeline (PTP) Permit Expiry Extension (Chevron)

PURPOSE

The Regional District has received a referral from Chevron Canada regarding their request to extend their permit issued by the BC Oil and Gas Commission (OGC) for Sections 1 and 2 (199 kilometres) of the proposed PTP route as shown on the attached map. There are no proposed changes to the certified route. It is noted that property owners within 200 meters of the centre of the right-of-way of the proposed pipeline route have also been sent this notification.

Chevron Canada Ltd's PTP is a proposed 480 kilometre natural gas pipeline that will deliver gas from Summit Lake, BC to a LNG facility in Kitimat. The Environmental Assessment Certificate for the PTP was issued on June 26, 2008. The OGC permits were approved in 2016. The RDBN Board previously provided comments to the Environmental Assessment Office and the OGC regarding the PTP.

DISCUSSION

Staff recommend that the attached letter be sent to the Chevron Canada and the OGC as the RDBN's response to the Permit Expiry Extension Notification. The comments in the proposed letter are in line with the comments previously provided regarding the PTP and other proposed pipelines in the region.

Recommendation

That the RDBN Board direct staff to send the attached letter to the BC Oil and Gas Commission and Chevron Canada as the RDBN's response to the Permit Expiry Extension Notification dated January 10th, 2018.

Board Directors – All/Directors/Majority

Reviewed by:

Jason Llewellyn
Director of Planning

Written by:

Jennifer MacIntyre
Planner I

January 26, 2018

BC Oil and Gas Commission
Bag 2
Fort St. John, BC V1J 2B0

**RE: Regional District comment regarding Pacific Trail Pipeline Project (Chevron Canada Ltd.)
Expiry Extension for Permit #9706458 and Permit #9706505**

This letter is sent in response to the Permit Expiry Extension Notification for permit numbers, 9706458 and 9706505 that our office received on January 10, 2018. Please note that the issues discussed below focus on the Pacific Trails Pipeline (PTP). However, the issues discussed below are applicable to some degree to all potential pipelines developed in our region.

The Board wished to emphasize that the RDBN is not objecting to LNG pipeline development in the region. The potential opportunity to our region is recognized; however, it is our responsibility to work with the Province and industry to maximize the benefits to our residents, and minimize the potential negative impacts associated with the construction process. We are hopeful that this letter will lead to discussions and actions that benefit the pipeline development process and our residents.

Worker Camps and Pipeline Facilities Locations

The RDBN strongly recommends that land use and zoning regulation issues be evaluated and addressed as part of the EAO approval process for the PTP. Work camps, temporary storage areas, contractor storage yards, disposal sites, compressor stations, borrow sites (if crushing occurs), and other uses may not be permitted in certain areas. Therefore, it is requested that Chevron Canada Ltd. confirm the location of the above noted uses and undertake the necessary RDBN approval process, where required. This will allow the RDBN to consider the socioeconomic and infrastructure impacts associated with the specific location of worker camps and other facilities.

It is noted that the RDBN's approval is discretionary, and approval is not guaranteed. Initiation of the RDBN's land use approval process for proposed pipeline related land uses should begin as soon as possible to avoid the potential for project delay or unnecessary inconvenience.

Liquid Waste Disposal

Chevron should explore options for cooperation with the RDBN or member municipalities in the disposal of liquid waste from work camps. It would be a shame if money is spent unnecessarily on hauling waste long distances, or building on-site disposal facilities which will be abandoned, rather than investing in local community infrastructure.

Invasive Plant Control

Chevron should provide annual funding to the Northwest Invasive Plant Council (NWIPC) given that the pipeline will facilitate the long term spread of invasive plants, and the cost of combating invasive plants outbreaks outside of the pipeline right-of-way is borne by the residents of the RDBN.

Fire Protection and Emergency Response

Chevron should develop emergency response plans in consultation with the RDBN as soon as possible. These plans should address fire protection and emergency response based on an understanding of the services available in the region, and in consultation with the RDBN. Specific areas of interest to the RDBN include consistent communications protocols between work camps, evacuation plans for workers that do not use resources needed by local residents, and confirmation that Chevron Canada Ltd. is not relying on the use of local fire departments where that service is not available.

Log and Wood Fiber Utilization

The long term loss of forested lands associated with pipeline construction represents a negative impact to the long term sustainability of the region's forest products industries. The impact of this loss should be mitigated through the full use of wood fibre harvested along the pipeline route. The RDBN is concerned that where the cost of harvesting and transportation are too high the wood fibre will not be utilized in support of the forest products industries. The RDBN requests that Chevron Canada Ltd. be required to ensure that all wood fibre harvested for pipeline construction is utilized.

An additional issue related to the use of wood fibre, relates to the potential facilitation of the spread of the Spruce Beetle. Our understanding is that the Spruce Beetle takes advantage of fallen logs and wood debris in their reproduction process; therefore, an increase in the availability of such materials facilitates Spruce Beetle population growth. For this reason the RDBN requests that Chevron Canada Ltd. be required to ensure that all wood fibre harvested for pipeline construction is utilized, and that wood debris is not left in place.

Employee Training and Apprenticeships

The RDBN would like Chevron Canada Ltd. to make specific commitments regarding the use of local employment in the pipeline construction process, and the provision of apprenticeship positions for local employees.

Use of Local Business

The RDBN would like Chevron Canada Ltd. to make specific commitments regarding the use of local business, and the actions that will be taken to allow local business to take advantage of the opportunity offered by pipeline construction.

Public Communications during Construction

The RDBN is concerned that Chevron Canada Ltd. and the OGC will not have an adequate plan in place to accept, evaluate, and respond to public complaints associated with pipeline construction. It is expected that the Province and industry may look to the RDBN to play a role in accepting public complaints and representing those concerns to the OGC and industry. This will allow the Province and industry to avoid being directly accountable for adequately responding to the public regarding negative impacts associated with the pipeline construction process. There is no indication of the role the OGC or the Environmental Assessment Office will play in ensuring that public concerns regarding this provincially approved project are adequately addressed.

The RDBN recommends that Chevron Canada Ltd. be required to develop specific procedures and processes by which they and the Province will accept, evaluate, and respond to public complaints associated with pipeline construction.

The Board of the Regional District of Bulkley-Nechako looks forward to addressing these issues with the OGC and the EAO.

Sincerely,

Bill Miller, Chair
Regional District of Bulkley-Nechako

cc: Sent via e-mail: normjames@chevron.com
Norm James - Regulatory
Chevron Canada Limited
Pacific Trail Pipeline (PTP MI)

Sent via e-mail: Nathan.Braun@gov.bc.ca
Nathan Braun
Project Lead
Environmental Assessment Office



January 10, 2018

Via: jason.llewellyn@rdbn.bc.ca

Landowners / Occupants / Residents / Local Authorities / Industry / Interested Parties

Bulkley Nechako Regional District
 PO Box 820
 Burns Lake, BC
 V0J 1E0

Dear Sir and/or Madam

RE: PERMIT EXPIRY EXTENSION NOTIFICATION

PROPOSED PIPELINE SECTION 1 FROM A-50-A/93-J-7 TO D-76-K/93-J-2 OGC Permit Number 9706458 AND SECTION 2 FROM D-76-K/93-J-2 TO C-8-E/93-K-3 OGC Permit Number 9706505

Pacific Trail Pipeline Management Inc. (PTPMI), operated by Chevron Canada Limited, is proposing a 42-inch sweet gas pipeline from Summit Lake, BC to Bish Cove, south of Kitimat, BC. The proposed pipeline is comprised of five (5) Sections totaling 471 Kilometers.

PTPMI intends on submitting applications for permit extensions on its Section one (1) and two (2) pipeline permits (from a-50-A/93-J-7 to d-76-K/93-J-2 and d-76-K/93-J-2 to c-8-E/93-K-3. These pipeline permits received approval from the BCOGC on April 25, 2016, and there have been no changes to the routing and its relation to your land ownership or interest. The proposed applications are only to extend the existing expiry date.

KEY FACTS

Pipeline Section 1 & 2:	Total Project - a-50-A/93-J-7 to c-37-B/103-I-2 (Approx. 471km) Section One – a-50-A/93-J-7 to d-76-K/93-J-2 (OGC 9706458) Approx. 13km Section Two – d-76-K/93-J-2 to c-8-E/93-K-3 (OGC 9706505) (Approx. 186km)
Expected Production Type:	Gas
Substance:	Sweet
Maximum H2S level %	0.0% H2S
Description of Development:	Construction of a pipeline to transport sweet natural gas from a compressor station located at a-50-A/93-J-7 to d-76-K/93-J-2 and d-76-K/93-J-2 to c-8-E/93-K-3 or KM 1 to KM 200.
Pipeline Specs:	The new pipeline will be constructed of NPS 42 (1067 mm) OD steel pipe in accordance with Canadian Standards Association (CSA) Z662-11 Standard – Oil and Gas Pipeline Systems, and the OGC requirements. The line will be designed and installed with external coating and cathodic protection to prevent corrosion. It will be installed at a minimum burial depth of 0.8 meters. The Maximum Operating Pressure (MOP) will be 14,890 kPa.
Noise, Dust, Traffic:	Noise, dust and traffic will be increased during construction of the pipeline. Once installed, there will be no permanent noise or traffic associated with this project. Noise levels will be as per OGC Noise Control Guideline. Dust control will be monitored and mitigated (where required) through the watering down of roads and/or by other approved methods.
Notification and Consultation Distance for Pipelines	200 meters either side of the center of the right of way of a pipeline.

Emergency Response Plan Required:	This pipeline will be included in the PTPMI Corporate Emergency Response Plan.
Safety:	PTPMI considers safety to be a critical component in the design, construction and operation of the pipeline system in order to protect local residents, the general public, construction workers, and operational personnel. All activities will comply with applicable Federal & Provincial safety regulations, OGC requirements, contractor safety programs, and PTPMI safety policies. Please note that the Pacific Trail Pipelines 24-hour emergency phone number is 1-800-874-3262

As the party being notified and falling within the prescribed 200m radius of the proposed PTPMI pipeline you may provide a written response to PTPMI within 21 days of receiving this notification that sets out the reasons why the proposed permit extensions that will be the subject of the PTPMI application to the OGC should not be carried out or should be modified and/or request a meeting with a PTPMI representative to discuss the permit extensions.

Should you request to meet is included in a written response, please provide additional contact information and the best time to contact you.

Written responses may be sent to the following address:

Attention: Kitimat HES Team Lead
PTPMI c/o Chevron Canada Limited
500 Fifth Avenue SW
Calgary, AB T2P 0L7

Written submission may also be sent by direct mail to the commission office any time prior to the permit extension decision at:

BC Oil and Gas Commission
Bag 2
Fort St. John, BC
V1J 2B0

Once the notification period has lapsed the application for the permit extensions will be submitted.

For further information please contact the undersigned:

Norm James – Regulatory
Email: normjames@chevron.com

Chevron Canada Limited
Phone: (403) 234-5768 Fax: (250) 234-5367

Rae-Lynne Mills – Team Lead Surface Land
Email: rmills@chevron.com

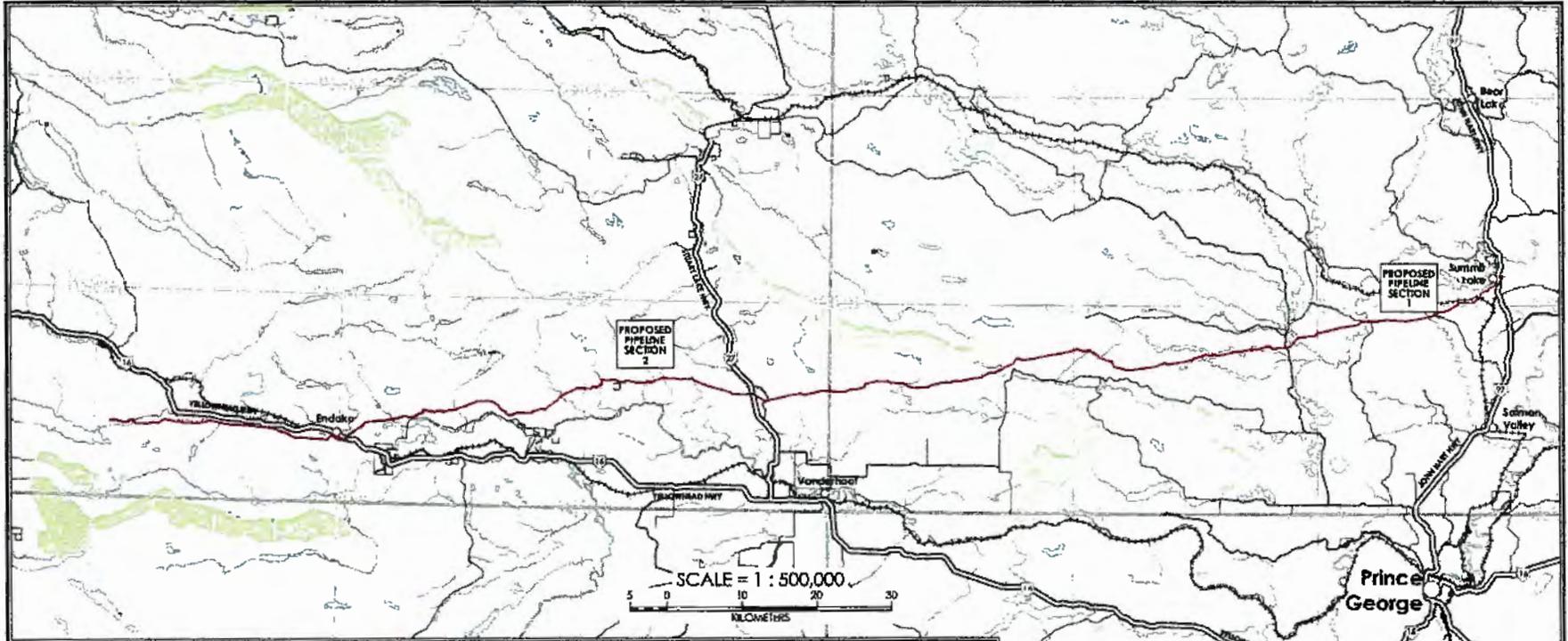
Chevron Canada Limited
Phone: (403) 234-5080 Fax: (403) 234-5367

Regards,
CHEVRON CANADA LIMITED



Rae-Lynne Mills, Team Lead, Surface Land

Enclosure(s)



6

LEGEND

Current Pipeline Route:

Highway (Paved):

High Grade Road:

Drilling Access:

Railway:

Protected Area:

Indian Reserve:

PACIFIC TRAIL PIPELINES

Origin of co-ordinates:
UTM Zone 10NAD 83 (CSRS)

UTM

N 6015476
E 524941

GEOGRAPHIC

N 54° 17' 11.71"
W 122° 47' 0.74"

PACIFIC TRAIL PIPELINES MANAGEMENT INC.

**SECTION 1 & 2
OF PACIFIC TRAILS PIPELINE**

WA No.:

CROWN FILE:

FIELD:

TRAPPER:

GUIDE/CUTTING:

RANGE TENURE:

BCGS No.:

NIS SHEET:

can-am geomatics

can-am geomatics Inc. Phone: 250.774.7881
Fort Nelson, B.C. Tel Fax: 1.877.820.7881
www.canam.com Fax: 250.774.7882

CAN-AM FILE: N20120168

ACAD FILE: N20120168-SEC1&2

Client File No.:

AFE No.:

Land File:

REVISION

NO.	DATE	REVISION	DRAWN	CHECKED
0	17/12/14	Original plan issued	KL	BP

Jennifer.MacIntyre

From: Dan Farmer
Sent: January 17, 2018 3:23 PM
To: Jason.Llewellyn; Angela Waterman
Cc: Jennifer.MacIntyre; Mark.Fisher; debbiejoujan@telkwa.ca; Coralee Karrer; Brad Layton; Leroy Dekens; Annette Morgan; Darcy Repen
Subject: Re: Telkwa Coal clarification

Hello Jason, to confirm Telkwa Coal will not be drilling for coal on this license. The company may need to do geotechnical drilling for infrastructure such as roads and powerlines. Any geotechnical drilling will only be 15 meters in depth and is usually confined to the unconsolidated material above the rock units. It was felt that a coal license would provide a means to carry out this drilling. A coal license also provides a mechanism to provide a tenure to develop a future mine permit that would be for the infrastructure mentioned. While this is not the only land method to do these activities, Telkwa Coal felt it was the simplest as this area had previously been under a coal license for the past thirty years.

The start date for geotechnical drilling is for reference only and any work will require a notice of work approval from the BC Ministry of Mines and if it is on private land it will also require an agreement with the land owner. The NOW process would require additional consultation with First Nations and other stakeholders such as the regional district before a final application is submitted and accepted by the regulatory agencies.

At this stage a notice of work application may be submitted in 2018 in support of the geotechnical drilling program and depending on the approval timeline this program may happen in 2018 or might be delayed till 2019.

The other reason why Telkwa Coal Ltd. applied for a coal license is a portion of the identified coal resources for the property is within the coal license applied for. The only way that the company can declare that resource volume in this area is to have a valid coal license. While the company has not intention of developing these resources they are still of value from a reporting perspective.

I hope this provides the answers to the questions provided and is consistent with our discussions and previous correspondence.

Please let me know if you have further questions or concerns.
Thanks
Dan

Dan Farmer, P.Eng.
Chief Operating Officer

Suite 1240-1140 West Pender Street, Vancouver, BC

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ALLEGIANCE COAL

From: Jason.Ilewellyn <Jason.Ilewellyn@rdbn.bc.ca>

Sent: January 16, 2018 3:35 PM

To: Angela Waterman

Cc: Jennifer.MacIntyre; Dan Farmer; Mark.Fisher; debbiejoujan@telkwa.ca; Coralee Karrer; Brad Layton; Leroy Dekens; Annette Morgan; Darcy Repen

Subject: RE: Telkwa Coal clarification

Hi Angela. It is not clear to me why a Coal License is required if the intent is to use the application area for only road access, powerlines, gravel pits, and water pipeline corridors. The coal license application identifies a drilling program with the application area with a start date of May 1st 2018. The intent of this drilling appears to be to evaluate the areas potential for a mine and this is not consistent with the message in your January 13th letter that there will be no mine in the application area in the future. Also, this drilling is not mentioned in your January 13th letter. Any clarifications are appreciated.

Cheers

Jason



Memorandum

To: Chair Miller and the Board of Directors
From: Haley Jeffrey, Emergency Services Manager
Date: January 24, 2018
Regarding: Ebenezer Flats / Kidd Road Flood Mitigation Study and RFP Approval

PURPOSE:

UBCM has approved the RDBN's Flood Risk, Flood Mapping & Flood Mitigation grant application for the Ebenezer Flats area in Electoral Area 'A'. UBCM will be funding 100% of the project's draft budget in the amount of \$101,000. This report is seeking the Board's approval for the Protective Services Department to proceed with the project, and to issue the attached Request for Proposal (RFP).

DISCUSSION:

Since 2000, the Ebenezer Flats / Kidd Road area has been subject to three Evacuation Orders as a result of summer flooding, and two Evacuation Orders as a result of winter ice jam flooding. Dwellings in this area have been damaged due to flooding on numerous occasions.

On October 26, 2017 the Board made the following motions:

1. *"That the Regional District of Bulkley Nechako Board of Directors support the application to UBCM's Community Emergency Preparedness Fund – Flood Risk Management, Flood Mapping & Flood Mitigation Planning for grant funding to create a Flood Mitigation Plan for the area at Ebenezer Flats and Kidd Road.*
2. *That the Regional District of Bulkley-Nechako Board of Directors agree to enter into a contract with UBCM, should the funding be approved, and provide overall grant management for the project."*

The project involves hiring a consultant to undertake floodplain mapping, and a comprehensive evaluation of the flooding risk and mitigation measures to reduce the impact of flooding on the Ebenezer Flats and Kid Road Area. It is hoped that appropriate mitigation measures identified through this project will be funded by future grant funding.

The RDBN is expected to receive 50% of the funding (\$50,500.00) in the near future prior to the project commencement. The balance of the funds will be paid after project completion and required submission of a project report to the satisfaction of UBCM and Emergency Management BC (EMBC). All funds must be used as proposed in the grant application. The project must be completed by December 31st, 2018, and the final report of the project must be completed and submitted by January 31, 2019. The UBCM approval letter and funding terms and conditions document are attached.

The proposed RFP for the Ebenezer Flats / Kidd Road Flooding Mitigation Study is attached to this report for the Board's consideration and approval. Once approved, the RFP will be distributed. Staff will evaluate the proposals and report to the RDBN Board with recommendations regarding entering into a contract with the successful proponent.

Recommendations:

That the Regional District Board direct staff to proceed with Ebenezer Flats / Kidd Road Flooding Mitigation Study and proceed with issuing the Request for Proposal for the study.

Written By:


Haley Jeffrey
Emergency Services Manager

Reviewed By:


Jason Llewellyn
Director of Planning and
Protective Services

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Request for Proposals

Ebenezer Flats / Kidd Road Flood Mitigation Study



Request Issued: January 2018

**RDBN
Box 820
Burns Lake, BC
V0J 1E0**



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It is noted that the Regional District is not making any assertions or commitments of any kind that it will take further action to undertake or facilitate the Flood Mitigation works identified in a study resulting from this Request for Proposals.



1. Project Summary

The Ebenezer Flats / Kidd Road areas are northeast of the Town of Smithers and the Bulkley River. The area is developed on a low lying bench that is within the 200 year floodplain of the Bulkley River. The area is subject to frequent freshet flooding and winter ice jam flooding. The study area is identified on the map in Appendix 3 of this document.

The purpose of this Request for Proposal is to retain a qualified and experienced Consultant to complete the following work in the Ebenezer Flats / Kidd Road study area.

- Complete an assessment of the flooding risk to structures, access, services, and infrastructure (including ice jam related flooding).
- Prepare updated floodplain inundation and flood construction level mapping.
- Identify, evaluate, and make recommendations regarding mitigation solutions, including a cost / benefit analysis for each option.

2. Request for Proposal Terminology

Throughout this Request for Proposal, the following terminology is used.

- a) “**Contract**” means the written agreement resulting from this Request for Proposal executed by the Regional District of Bulkley-Nechako and the Consultant.
- b) “**Consultant**” means the successful Proponent to this Request for Proposal who enters into a written Contract with the Regional District of Bulkley-Nechako.
- c) “**The Services**” means of all work necessary to complete the tasks identified in the scope of work in accordance with the project description and the deliverables described in this document.
- d) “**Regional District**” means the Corporation of the Regional District of Bulkley-Nechako.
- e) “**Regional District Board**” means the Board of Directors of the Regional District of Bulkley-Nechako.



3. Scope of Work – Detailed Description

The Project includes the following tasks:

3.1 Flood Risk Assessment

This includes the following:

- Develop a Flood Risk Assessment which evaluates the physical extent and nature of flooding related risk including:
 - ♦ damage to buildings and structures;
 - ♦ damage to roads and loss of road access; and
 - ♦ impacts to services and infrastructure.
- The flood risk assessment shall be undertaken given appropriate consideration of the known impacts associated with past flooding events, climate change, and updated floodplain mapping.
- The flood risk assessment shall consider both freshet flooding and winter ice jams flooding risks.

3.2 Flood Mapping

This includes the following:

- Obtain ground topography and bathymetric information for the Bulkley River. This includes purchase of existing LiDAR information for a ground survey, and a boat survey of the Bulkley River within the designated study area.
- Review of river hydrology and a determination of design flood magnitudes.
- Determine flood water levels and extents of inundation using an appropriate non-proprietary hydraulic model.
- Recommend new Designated Flood Level and Flood Construction Level for the area, to be incorporated into "Regional District of Bulkley-Nechako Floodplain Management Bylaw No. 1300, 2004."

3.3 Flood Mitigation Planning

This includes the following:

- The identification and evaluation of flood mitigation options, which may include but not be limited to diking, revised land use regulations, removing the island and bridge pilings in the Bulkley River, elevation of existing dwellings, and road re-construction.
- Consult with stakeholders such as area residents, the RDBN, the Town of Smithers, Provincial Government staff, and other experts as appropriate.



- Conduct preliminary geotechnical assessments as necessary.
- Evaluate the strengths and weaknesses of the flood mitigation options identified to determine the options that provide the best approach based on a comparison of benefits and costs. This evaluation should consider issues such as construction and maintenance costs, land and legal access requirements, mitigation effectiveness, permitting and approval requirements, long term sustainability, downstream impacts, environmental impacts, and social impacts.
- Evaluate the feasibility of breaking up ice jams in the Bulkley River, adjacent to or upstream of the study area, using mechanical equipment or explosives. This evaluation should consider issues such as costs, effectiveness, permitting and approval requirements, downstream impacts, environmental impacts, and social impacts.

3.4 Presentation of Preliminary Results to the Regional District Board.

This includes the following:

- Submission of a written report and draft mapping, and the in-person presentation of the results of tasks 3.1, 3.2, and 3.3 to the Regional District Board by the Consultants. This presentation would include an opportunity for the Regional District Board to ask questions regarding the study's findings.

4. Consultant Deliverables

The final products to be delivered are:

- Reports that clearly present the project information, results, and recommendations in a professional and concise manner. It is expected that the Consultant will work closely with RDBN staff in preparation of the above noted reports. The reports shall outline the research and background information, and evaluation, on which all recommendations were based. The reports shall be organized into sections that are consistent with the tasks outlined in Section 3 of this document.
- Floodplain mapping that shows the location of the normal channel of the Bulkley River, surrounding features or developments, ground elevation contours, the area that can be expected to flood, on average, once every 200 years, and the elevation and horizontal extent of the Flood Construction Levels for the study area.

The Consultant will prepare a draft report and floodplain mapping for review by RDBN staff. The draft documents will be reviewed and comments provided back to the Consultant to allow for production of the final report and maps.



The Consultant will provide to the RDBN the following:

- 5 bound hard copies of the final report;
- 5 hard copies of the floodplain mapping;
- a digital PDF copy of the report and floodplain mapping;
- a digital copy of the floodplain mapping in a GIS compatible format; and
- a copy of the report which can be easily reproduced using a photo copier.

It is noted that the reports and floodplain mapping and all of the information in the reports and on the mapping are to be the property of the Regional District.

This is a time sensitive project. The project must be completed with the final version of all deliverables provided to the RDBN by December 31, 2018.

5. Regional District Level of Participation

The Consultant will be responsible for conducting all research, data collection, fieldwork, and all other work and investigations necessary to complete the project and provide the Services. Regional District staff are available during the project to provide input and answer questions regarding local government processes. It is expected that the Regional District will have an opportunity to review and provide input on the nature of all communications with the public associated with the provision of the Services prior to communication with the public.

All questions or requests for information in relation to the Project shall be made to Jason Llewellyn, Director of Planning.

6. Terms of Payment and Cost Control

Total compensation available to be paid to the Consultant by the Regional District of Bulkley-Nechako for the Services is \$101,000. This compensation includes all expenses and GST (where applicable).

The Terms of Payment will be as follows:

1. Payments will be based on the conditions of the Contract between the Consultant and the Regional District of Bulkley-Nechako.
2. No payment will be made for the cost of work incurred to remedy errors or omissions for which the Consultant is responsible.

The fee outlined in the Contract, the scope of work, or the Services shall not be amended without the prior written authorization of the Regional District of Bulkley-Nechako. Any concern by the Consultant that the Contract, the scope of work, or the Services requires amendment shall be immediately communicated to Jason



Llewellyn, Director of Planning with an estimate of the impact on the fee resulting from the amendment.

7. Submission Guidelines

The Regional District of Bulkley-Nechako invites the submission of proposals from qualified and experienced professionals to provide the Services with respect to the Ebenezer Flats / Kidd Road Erosion Protection Feasibility Study as outlined in this document.

Submissions will be received until March 2, 2018 at 4:30 pm.

The Consultant shall provide two (2) bound copies of its proposal in a sealed envelope, clearly addressed to:

**Jason Llewellyn
Director of Planning
Regional District of Bulkley-Nechako
Box 820
Burns Lake, BC
V0J 1E0**

“PROPOSAL FOR EBENEZER FLATS / KIDD ROAD FLOODG MITIGATION STUDY”

“(DO NOT OPEN)”

Inquiries regarding the work may be directed to Jason Llewellyn, Director of Planning, 37 3rd Avenue, Box 820, Burns Lake, BC, V0J 1E0 or by calling 1-800-320-3339 (within BC) or 250-692-3195 or by e-mail to Jason.llewellyn@rdbn.bc.ca.

Please note that questions relating to this Request for Proposals will be accepted until February 23rd, 2018 at noon. This will allow the answers to questions asked to be properly distributed to all interested parties.

To ensure your receipt of any answers to questions asked or addendums issued, you must fill out and return the attached reply form to Jason Llewellyn, Director of Planning. **Failure to submit a properly filled out reply form dissolves the RDBN of any obligation to provide addendums to Consultants wishing to submit a proposal.**

Any proposal submitted after the submission closing date of March 2nd will not be evaluated and will be returned to the Consultant unopened.

The RDBN reserves the right, at its sole discretion, to waive any defect or irregularity in a proposal, to amend the proposal, and to negotiate with any Consultant.



Notwithstanding any other provision in the Proposal Documents or any practice or custom in the industry, the RDBN at its sole discretion shall have the unfettered right to accept any proposal, reject any proposal, reject all proposals, accept a proposal which is not the lowest-priced proposal, reject a proposal even if it is the only proposal received by the RDBN, and negotiate contract terms with any Consultant. Acceptance of any proposal is subject to funding approval by the Board of Directors of the RDBN.

Acceptance of a proposal will be based on the proposal that will give the RDBN the greatest value based on quality, service and price. The RDBN shall be the sole judge of a proposal and its decision shall be final. The RDBN also reserves the right to make such investigations, as it deems necessary, to determine the ability of any Consultant to perform the work or services to be provided. The Consultant shall provide all information that the RDBN deems necessary to evaluate the proposal. The RDBN retains ownership of all data, maps and reports produced.

The RDBN will not be responsible for proposal preparation costs. The accuracy of the proposal is the Consultant's responsibility. Correction shall be at the Consultant's expense.

8. Proposal Format

The Consultant shall provide two (2) bound copies of its proposal to the RDBN. The content of the proposal should include (but is not limited to) the following.

- a) A description of the Consultant's understanding of the Services.
- b) A description of the Consultant's corporate structure and history.
- c) A list of the personnel to be involved in providing the Services, their roles, and the per diem rate for each person or category of personnel.
- d) Staff resumes and relevant experience (including references) of key staff, with details of staff time allocation for each component of the work.
- e) A list of all sub-consultants and sub-contractors that will be used to provide the Services along with their costs, company resumes, and administration fees (if applicable).
- f) A detailed work program and timeline for providing the Services, including a description of the methodology to be used to meet the requirements of the scope of work, including an outline and methodology for the completion of the field investigation component of the work.
- g) A budget and fee basis for time and disbursements, including the total costs payable by the Regional District to the consultant for the Services. The budget



should include a contingency for cost overruns to ensure total costs do not exceed \$101,000.00

h) A list of at least three (3) references, that may be contacted by the RDBN, including:

- northern clients;
- geotechnical engineering and river hydrology project clients; and
- for all references provide contact names and telephone numbers.

9. Evaluation Criteria

Proposals will be ranked on a points basis with criteria including: methodology, qualifications (personnel); availability, experience, and reputation; quality of proposal; Consultant's local experience; and fees.

See Appendix 1 for the Proposal Evaluation Form.

10. Proposal Reply Form

Consultants interested in submitting a proposal must complete and submit the Proposal Reply form to Jason Llewellyn, Director of Planning (jason.llewellyn@rdbn.bc.ca) to ensure distribution of answers to questions and addendums relating to this Request for Proposals.

See Appendix 2 for the Proposal Reply form.



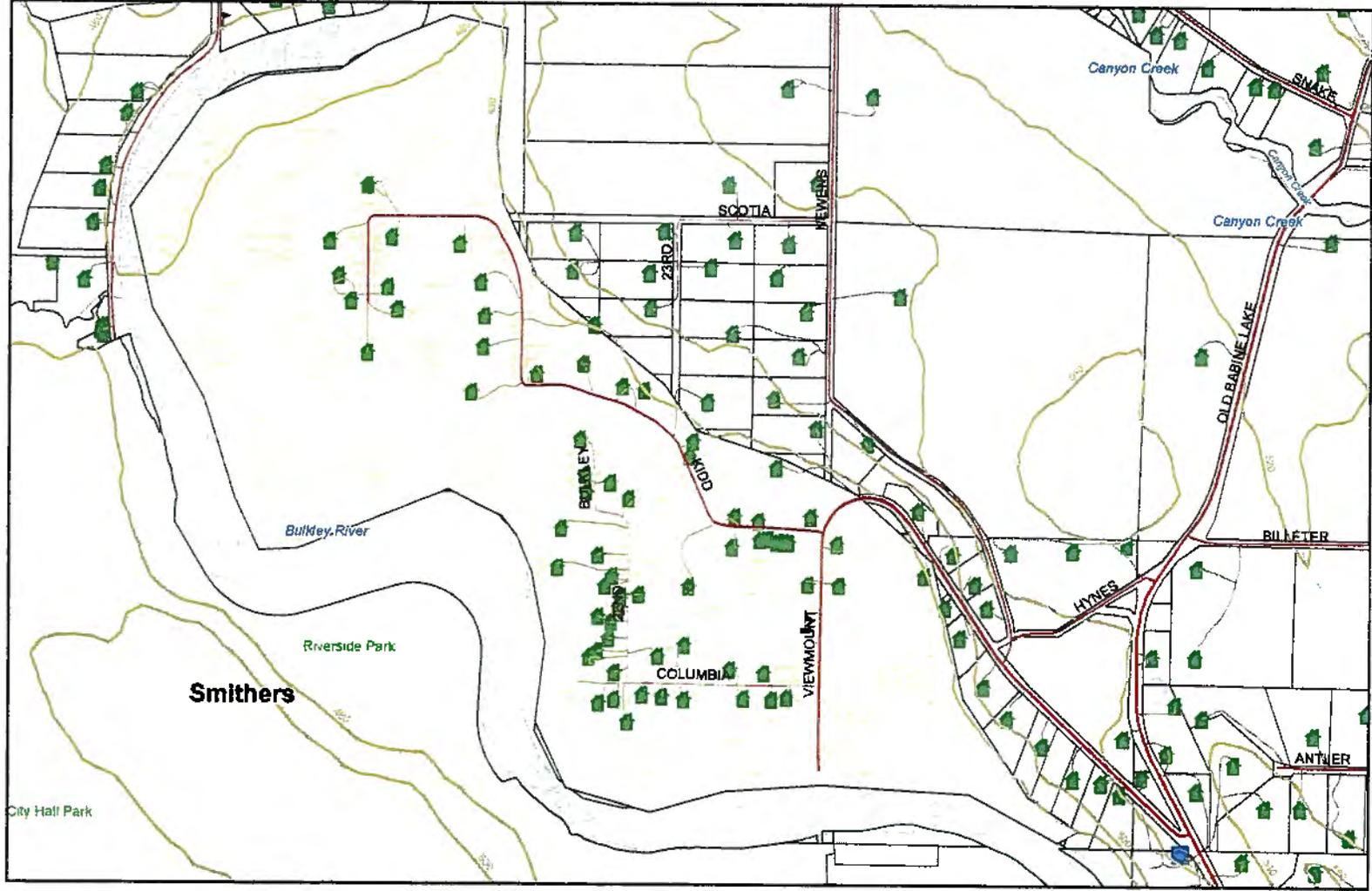
PROPOSAL EVALUATION FORM			
Proponent's Name:			
Project Title: Ebenezer Flats / Kidd Road Flood_Mitigation_Study			
Evaluation Date:			
Evaluator:			
Criteria			
Step 1:		YES	NO
Mandatory Criteria	Proposal received prior to closing		
	Resumes of project team included		
	Reference List		
	Sufficient number of proposal copies		
Step 2:		Max Points	Points Awarded
	1.0 Qualifications and Experience: (30 points)		
	▪ Professional Qualifications	10	
	• Personnel, company, sub-consultants		
	▪ Experience in northern climates	5	
	▪ Experience in geotechnical engineering and river hydrology	10	
	▪ Experience working with the public	5	
	2.0 Methodology and Work Plan: (30 points)		
	▪ Proposal meets Scope of Work and timelines	15	
	▪ Methodology is clear, sufficient and logical	10	
	▪ Firm's resources (staff , equipment etc.) are sufficient	5	
	3.0 Consultancy Fee: (30 points)		
	▪ Comprehensive and complete	10	
	▪ Professional rates and disbursements	10	
	▪ Appropriate utilization of personnel	10	
	4.0 Proposal Quality: (10 points)		
	▪ Review of information	2	
	▪ Understanding of Project	2	
	▪ Value-added information	2	
	▪ Clear, concise and complete Proposal	2	
	▪ Presentation and overall impression	2	
Total Score		100	



PROPOSAL REPLY FORM	
Project Title: Ebenezer Flats / Kidd Road Flood Mitigation Study	
Company Name _____	
Contact Person: _____	
Contact Information	
Phone	
e-mail	
Mailing Address	



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Ebenezer Flats / Kidd Road Study Area



Date: 15-Jan-18

Study Area
 20m Contours

Jason.Ilewellyn

Subject: FW: Transportation Trade Network Analysis - introduction to Regional District re: Smithers

From:

Sent: Friday, January 12, 2018 1:13 PM

To: 'I

Subject: Transportation Trade Network Analysis - introduction to Regional District re: Smithers

Good afternoon Melany,

The Ministry of Transportation and Infrastructure's Pacific Gateway Branch is currently undertaking a Province-wide Transportation Trade Network (TTN) Analysis Study. The purpose of the Study is to identify options for enhancing the capacity, efficiency, and connectivity of the transportation trade network in British Columbia, while considering community impacts related to trade growth. The Study will result in the creation of a TTN Plan (targeted for summer 2018) that outlines recommendations for implementing priority infrastructure improvements. Please find attached a brief overview document with further information about the Study.

The TTN Analysis Study team has been working with Study partners that include CP Rail, CN Rail, Port of Vancouver, Port of Prince Rupert, and Transport Canada to identify and prioritize Gateway-significant issues on British Columbia's road and rail network. Through technical analysis, partner and stakeholder input, and review of previous studies, the team identified over 300 potentially Gateway-significant issues across the Province. This large list of issues was subsequently screened and prioritized through technical evaluation and input from the Study partners, resulting in a list of 32 priority issues that will be moved forward for further consideration in the Study.

In the next phase of the Study, the Study team will be generating options to mitigate the identified priority issues. However, please note that this is a planning study only and the Ministry has no current funding programs to implement options. It should also be noted that for some of the issues identified in this process the Ministry is not a primary asset holder, but will seek to form a collaborative working relationship with the asset holder (e.g. Community or Rail Company) in the development of options for these issues. The Province and/or other parties may decide to invest in infrastructure projects identified in the TTN Plan, but are under no obligation to do so.

One area in Smithers was identified as a potential TTN priority issue location:

- Smithers (West and East) At-Grade Rail Crossings

Before we begin the options generation process, we would like to discuss any concerns the Regional District may have regarding the priority issue and learn more about the community's perspectives. We would also like to enquire about any information the Regional District could share from previous or current studies that could be used as inputs for the option development process for this specific issue. I would like to follow-up with a phone call to discuss the above and answer any questions you have about the TTN Analysis. Please let me know if there is a day that would be convenient for you for this phone call.

If the identified issue remains on the priority list, we will proceed through the option generation phase and will request a meeting with both Town and Regional District staff in late January to discuss options being considered. We will follow-up in the coming week to coordinate on a date and time that could work for your team.

TRANSPORTATION TRADE NETWORK ANALYSIS

TTN ANALYSIS

WHAT IS THE TTN ANALYSIS?

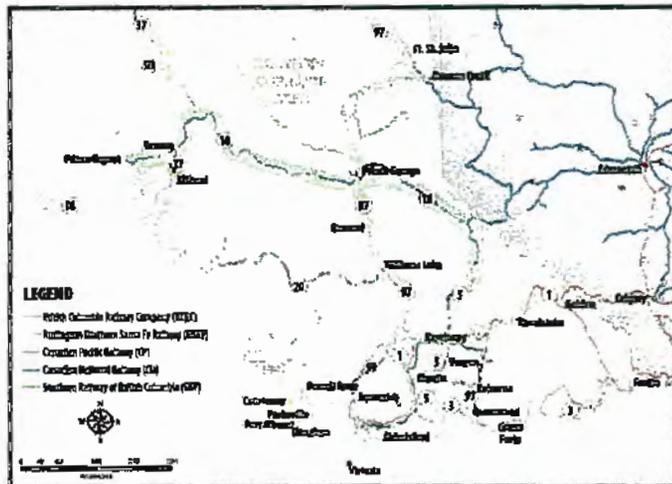
The **Transportation Trade Network (TTN) Analysis** is a Province-wide Study to identify options for improving the capacity, efficiency, and connectivity of the gateway transportation trade network in BC to position BC's Pacific Gateway as the preferred gateway for trade destined to and from Asia-Pacific markets.

The TTN Analysis is the first step of the three-step **TTN Initiative**.



WHAT AREA IS BEING STUDIED?

The Study is analyzing BC's major road and rail corridors that move goods destined for BC's gateway ports. It is focused on the network outside the Lower Mainland as shown below.



WHAT ARE THE GOALS OF THE STUDY ?

- ▶ Develop ten-year forecasts of trade volumes
- ▶ Systematically identify current and forecasted future issues in the transportation trade network
- ▶ Develop and evaluate infrastructure improvement options to mitigate priority issues
- ▶ Develop a TTN Plan outlining preferred options for improving BC's gateway transportation trade network

WHAT WILL BE THE STUDY OUTCOME?

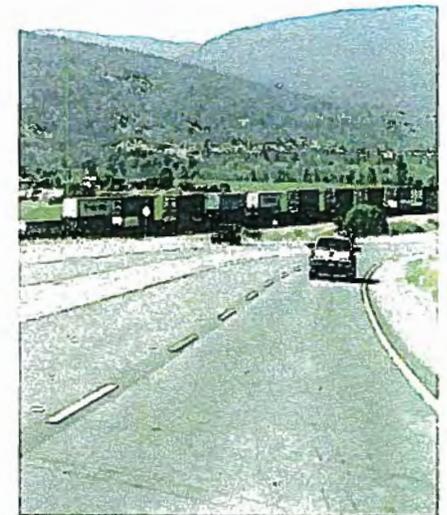
The TTN Analysis output will be a TTN Plan that outlines prioritization, timing, phasing, interdependencies, and recommendations for implementing priority infrastructure improvements. The TTN Plan will be a guide to developing cost-sharing partnerships and pursuing funding for priority improvements. The findings will be combined with those of previously completed transportation trade studies for the Lower Mainland, to form a complete picture of provincial gateway transportation trade network requirements.

WHO IS INVOLVED?

The Ministry of Transportation & Infrastructure (TRAN) Pacific Gateway Branch is leading the Study working in collaboration with partners including the TRAN Regions, CN Rail, CP Rail, Prince Rupert Port Authority, Port of Vancouver, and Transport Canada. The Study team is seeking participation and input from municipal governments, First Nations, and stakeholders in locations where priority issues are identified. A key objective of the Study is to work collaboratively to plan a globally competitive, reliable, safe, and sustainable gateway transportation trade network to improve economic growth.

WHAT ARE GATEWAY ISSUES?

- ▶ An issue on a road or highway segment used by a significant volume of Gateway-related truck traffic
- ▶ An issue on a rail network segment used by a significant volume of Gateway-related train traffic
- ▶ An issue impacting a community that is caused by Gateway-related truck or train traffic



PROJECT TIMELINE AND ACTIVITIES

PROCESS TO DATE (FALL 2016 - FALL 2017)	CURRENT STEP (FALL 2017 - WINTER 2017)	NEXT STEPS (WINTER 2018 - SUMMER 2018)
<ul style="list-style-type: none"> ▷ Phase 1: Work Plan Development Project initiation and development of work plan and process. ▷ Phase 2: Commodities Analysis / Trade Volume Forecast Update, validate, and reconcile relevant commodity growth forecasts to develop ten-year (2016-2026) growth scenarios of traffic volumes as input to identifying future network issues. ▷ Phase 3: Issues Identification Systematically identify existing and future Gateway-significant issues and deficiencies in the transportation trade network. Screen and prioritize issues using a evaluation methodology to generate a list of approximately 30 Gateway-significant Priority Issues to advance into Options Development. 	<ul style="list-style-type: none"> ▷ Phase 4A: Option Generation Generate mitigation options to address each of the Priority Issues on Gateway-significant road and rail networks to: <ul style="list-style-type: none"> » Improve transportation trade network capacity and fluidity; » Improve connectivity; » Reduce congestion on key British Columbia - Asia Pacific Gateway trade-focused corridors; and » Enhance safety and community connectivity, and reduce impacts associated with Gateway goods movement. 	<ul style="list-style-type: none"> ▷ Phase 4B: Options Evaluation Evaluate mitigation options using a multiple account evaluation process to identify a set of preferred options. ▷ Phase 5: Reporting Summarize the Study in a series of documents including corridor specific reports, a comprehensive overall Study report, and a high-level summary describing the TTN Plan. ▷ Phase 6: Business Case Development Facilitate the development of funding partnerships to move forward priority projects.

WHAT IS THE STUDY SCHEDULE?

- ▷ The Study commenced in Fall 2016 and is anticipated to be complete in Summer 2018 with the release of the TTN Plan
- ▷ Business Case development is ongoing and will continue as funding partnerships are formed to initiate priority projects

PROJECT CONTACTS

Cameron Derdak,
TRAN Study Lead
 T: 250.356.9819
 E: Cameron.Derdak@gov.bc.ca

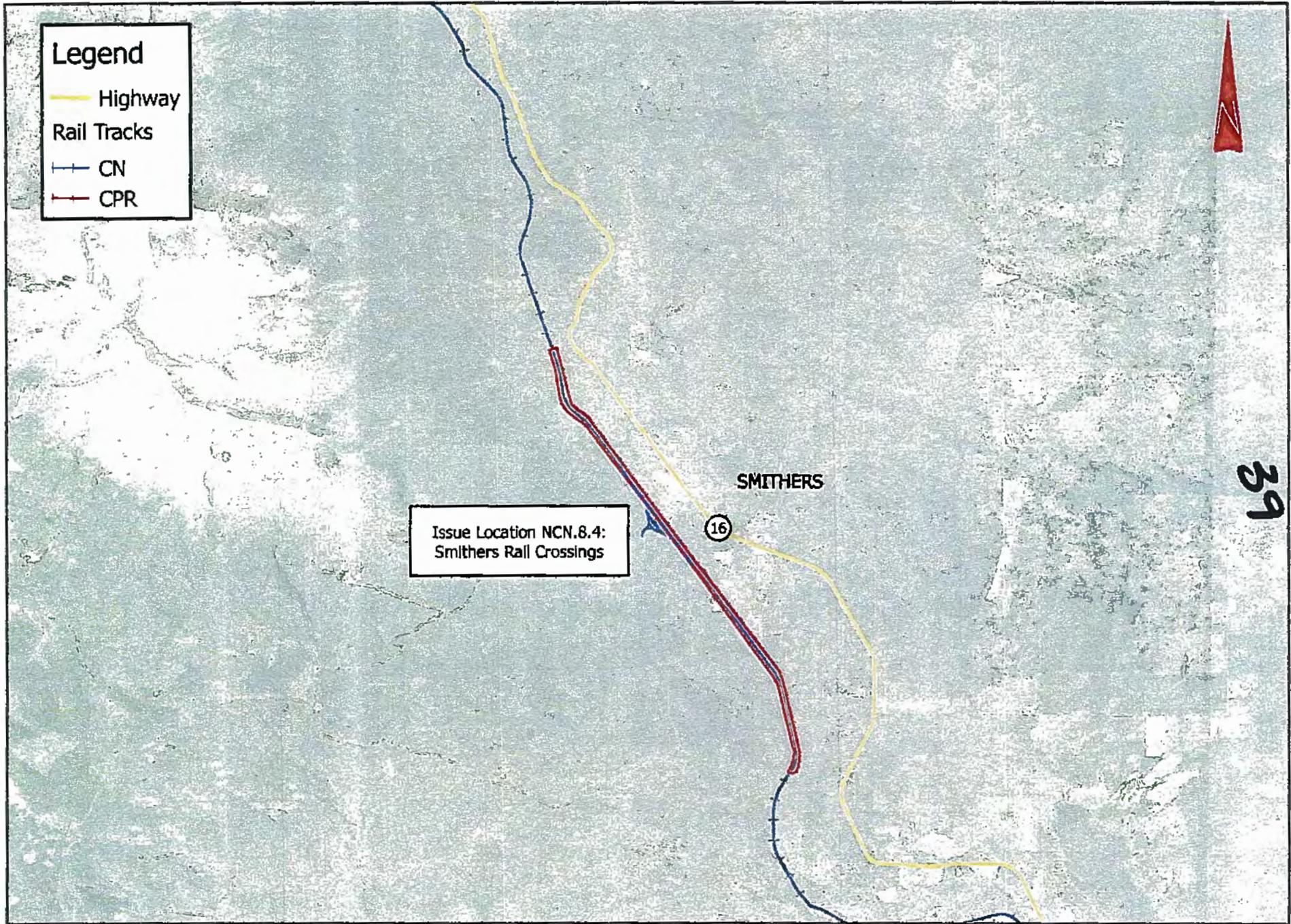
James Johnson,
TRAN Project Manager
 T: 250.953.3560
 E: James.Johnson@gov.bc.ca

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REQUEST FOR INVOLVEMENT

The TTN Analysis Project team is requesting initial insights and confirmation of issues from municipalities that have potential priority issues identified within their communities. As the Project team considers option generation to mitigate these priority issues, the Study team will request to meet with each municipality to gather additional detail about the perspectives of the community and input on potential mitigation options.





REGIONAL DISTRICT OF BULKLEY-NECHAKO

BYLAW NO. 1817

Being a bylaw to repeal "Goetjen Road Street Lighting Local Service Establishment Bylaw No. 1012, 1997"

WHEREAS "Goetjen Road Street Lighting Local Service Establishment Bylaw No. 1012" established a service to provide street lighting within a portion of Electoral Area "C";

AND WHEREAS the street lights were not installed or operated because the subdivision was not completed, and taxation is not needed;

AND WHEREAS pursuant to Section 349(1)(b) of the *Local Government Act*, the Director of Electoral Area "C" has consented, in writing, to the adoption of this Bylaw;

NOW THEREFORE, the Regional Board of the Regional District of Bulkley-Nechako, in open meeting assembled, enacts as follows:

1. This Bylaw may be cited as "Goetjen Road Street Lighting Local Service Establishment Repeal Bylaw No. 1817, 2018."
2. Bylaw No. 1012 cited as "Goetjen Road Street Lighting Local Service Establishment Bylaw No. 1012, 1997" and all bylaws enacted in amendment thereto are hereby repealed.

Certified a true and correct copy of "Goetjen Road Street Lighting Local Service Establishment Repeal Bylaw No. 1817, 2018."

Corporate Administrator

READ A FIRST TIME this day of , 2018

READ A SECOND TIME this day of , 2018

READ A THIRD TIME this day of , 2018

CONSENT OF THE DIRECTOR OF ELECTORAL AREA "C" RECEIVED this

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day of _____, 2018

APPROVED BY THE INSPECTOR OF MUNICIPALITIES this _____ day of _____, 2018

ADOPTED this _____ day of _____, 2018

Chairperson

Corporate Administrator

I hereby certify that the foregoing is a true copy of Bylaw No. 1817 as adopted.

Corporate Administrator