## 1

## REGIONAL DISTRICT OF BULKLEY-NECHAKO

## RURAL DIRECTORS COMMITTEE AGENDA Thursday, June 9, 2016

PAGE NO.	SUPPLEMENTARY AGENDA	ACTION
-	AGENDA- June 9, 2016	Approve
	MINUTES	
3-7	Rural Directors Committee Meeting Minutes - May 12, 2016	Receive
	REPORTS	
8-12	Cheryl Anderson, Manager of Administrative Services – Treehouse Housing Association – Request for Grant in Aid – Electoral Area "A" (Smithers Rural)	Recommendation (Page 8)
13-19	Cheryl Anderson, Manager of Administrative Services – Bulkley Valley Farmers' Market Association – Request for Grant in Aid – Electoral Area "A" (Smithers Rural)	Recommendation (Page 13)
20-25	Cheryl Anderson, Manager of Administrative Services – Northern Society for Domestic Peace - Request for Grant in Aid – Electoral Area "A" (Smithers Rural)	Recommendation (Page 20)
26-33	Cheryl Anderson, Manager of Administrative Services – Burns Lake Christian Supportive Society - Request for Grant in Aid – Electoral Areas "B" (Burns Lake Rural) and "E" (Francois/Ootsa Lake Ru	
34-39	Cheryl Anderson, Manager of Administrative Services – Lakes District Arts Council - Request for Grant in Aid – Electoral Areas "B" (Burns Lake Rural) and "E" (Francois/Ootsa Lake Rural)	Recommendation (Page 34)
40-46	Cheryl Anderson, Manager of Administrative Services – Girl Guides of Canada - Request for Grant in Aid – Electoral Area "C" (Fort St. James Rural)	Recommendation (Page 40)



Rural Directors Committee Agenda

<u>ADJOURNMENT</u>

June 9, 2016 Page 2 PAGE NO. ACTION REPORTS (CONT'D) 47-51 Recommendation Cheryl Anderson, Manager of Administrative Services - Fort St. James Secondary School (Page 47) Mountain Bike Team (School District No. 91) - Request for Grant in Aid - Electoral Area "C" (Fort St. James Rural) 52-57 Cheryl Anderson, Manager of Administrative Recommendation Services - Stuart Lake Seniors' Association (Page 52) - Request for Grant in Aid - Electoral Area "C" (Fort St. James Rural) Recommendation 58-64 Cheryl Anderson, Manager of Administrative Services - Fraser Lake Elementary Secondary (Page 58) School (School District No. 91) - Request for Grant in Aid - Electoral Area "D" (Fraser Lake Rural) 65-69 Recommendation Cheryl Anderson, Manager of Administrative Services - Fraser Lake Festival of the Arts (Page 65) Request for Grant in Aid – Electoral Area "D" (Fraser Lake Rural) **DEVELOPMENT SERVICES (All Directors)** Referrals 70-72 Land Referral File No. 0221818 Recommendation Jan Carlson (Page 71) Electoral Area 'D' 73-76 Land Referral File No. 7409848 Recommendation Edward Klassen & Laurie Cormack (Page 74) Electoral Area 'F' Land Referral File No. 7409818 Recommendation 77-80 Chad Johnson (Page 78) Electoral Area 'F' Memo Receive 81-148 Mining File No. 13880-03-587 Morrison Cooper Gold Project Electoral Area 'F' SUPPLEMENTARY NEW BUSINESS

#### REGIONAL DISTRICT OF BULKLEY-NECHAKO

## RURAL DIRECTORS COMMITTEE MEETING

## Thursday, May 12, 2016

(Location: Vanderhoof Integris Credit Union Board Room)

PRESENT:

Chair

Eileen Benedict

Directors

Mark Fisher Tom Greenaway

Bill Miller Rob Newell Mark Parker Jerry Petersen

Staff

Cheryl Anderson, Manager of Administrative Services

Corrine Swenson, Manager of Regional Economic Development

Wendy Wainwright, Executive Assistant

Others

Taylor Bachrach, Mayor, Town of Smithers

Dwayne Lindstrom, Mayor, Village of Fraser Lake Thomas Liversidge, Councillor, Village of Granisle Rob MacDougall, Mayor, District of Fort St. James Gerry Thiessen, Mayor, District of Vanderhoof Luke Strimbold, Mayor, Village of Burns Lake

CALL TO ORDER

Chair Benedict called the meeting to order at 12:38 p.m.

AGENDA &

SUPPLEMENTARY AGENDA Seconded by Director Newell

Moved by Director Petersen

RDC.2016-5-1

"That the Rural Directors Committee Agenda for May 12, 2016 be approved; and further, that the Supplementary Agenda be received."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

**MINUTES** 

Rural Directors Committee

Meeting Minutes -April 14, 2016

Moved by Director Parker Seconded by Director Fisher

RDC.2016-5-2

"That the minutes of the Rural Directors Committee meeting of April 14,

2016 be received."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Rura! Directors Committee May 12, 2016 Page 2 of 5

#### REPORTS

Groundbreakers Agricultural Association-Request for Grant in Aid -Electoral Area "A" (Smithers Rural)

Moved by Director Fisher Seconded by Director Miller

RDC.2016-5-3

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Groundbreakers Agricultural Association be given \$5,000 grant in aid monies from Electoral Area "A" (Smithers Rural) for costs associated with its School Garden Support and Kids Dig Food Camp programs."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

-Request for Grant in Aid

-Electoral Area "A" (Smithers Rural)

Bulkley Valley Christian School Moved by Director Fisher Seconded by Director Newell

RDC.2016-5-4

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Bulkley Valley Christian School be given \$200 grant in aid monies from Electoral Area "A" (Smithers Rural) towards the Litter - a - Thon."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Burns Lake Community Garden Moved by Director Miller Society-Request for Grant in Aid -Electoral Area "B" (Burns Lake Rural)

Seconded by Director Parker

RDC.2016-5-5

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Burns Lake Community Garden Society be given \$2,500 grant in aid monies from Electoral Area "B" (Burns Lake Rural) for a compost demonstration and teaching garden."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Fort St. James Secondary School-Request for Grant in Aid -Electoral Area "C" (Fort St. James Rural)

Moved by Director Greenaway Seconded by Director Miller

RDC.2016-5-6

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Fort St. James Secondary School (School District No. 91) be given \$1,000 grant in aid monies from Electoral Area "C" (Fort St. James Rural) for costs associated with hosting the BC High School Single "A" Sr. Girls Soccer Championships."

(All/Directors/Majority)

CARRIED UNANIMOUSLY



Rural Directors Committee May 12, 2016 Page 3 of 5

## REPORTS (CONT)

-Request for Grant

in Aid -Electoral Area "C" (Fort St. James Rural)

Music on the Mountain Society Moved by Director Greenaway Seconded by Director Parker

RDC.2016-5-7

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Music on the Mountain Society be given \$1,000 grant in aid monies from Electoral Area "C" (Fort St. James Rural) for costs associated with the 2016 Music on the

Mountain Festival."

CARRIED UNANIMOUSLY (All/Directors/Majority)

Vanderhoof Children's Theatre-Request for Grant in Aid -Electoral Area "F" (Vanderhoof Rural)

Moved by Director Petersen Seconded by Director Greenaway

RDC.2016-5-8

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Vanderhoof Children's Theatre be given \$4,000 grant in aid monies from Electoral Area "F" (Vanderhoof Rural) for costs associated with travelling to Prince George, B.C. for Aladdin Jr."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Nechako Valley Exhibition Society-Request for Grant in Aid -Electoral Area "F" (Vanderhoof Rural)

Moved by Director Petersen Seconded by Director Greenaway

RDC.2016-5-9

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Nechako Valley Exhibition Society be given \$10,000 grant in aid monies from Electoral Area "F" (Vanderhoof Rural) for upgrades to the Beef Barn."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Electoral Area Allocation of Federal Gas Tax Funds -First Quarter 2016

Moved by Director Miller Seconded by Director Newell

RDC.2016-5-10

"That the Rural Directors Committee receive the Finance/Administration Coordinator's April 26, 2016 memorandum titled "Electoral Area Allocation of Federal Gas Tax Funds - First Quarter 2016."

(All/Directors/Majority)

CARRIED UNANIMOUSLY



Rural Directors Committee May 12, 2016 Page 4 of 5

## **DEVELOPMENT SERVICES**

#### REFERRALS

Land Referral File No. 7409835 Frank Badey Electoral Area "C" Moved by Director Greenaway Seconded by Director Miller

RDC. 2016-5-11

"That the Regional District of Bulkley-Nechako Comment Sheet on Crown Land Referral 7409835 be provided to the Province as the Regional District's comments on Crown Land application 7409835."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Land Referral File No.
7409843 Lee & Debora Foster
Electoral Area "F"

Moved by Director Petersen Seconded by Director Parker

RDC. 2016-5-12

"That the Regional District of Bulkley-Nechako Comment Sheet on Crown Land Referral 7409843 be provided to the Province as the Regional District's comments on Crown Land application 7409843."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

<u>Land Referral File No.</u> 7409822 Jared Johnson Electoral Area "F" Moved by Director Petersen Seconded by Director Fisher

RDC. 2016-5-13

"That the Regional District of Bulkley-Nechako Comment Sheet on Crown Land Referral 7409822 be provided as amended to include: "other comments: Regarding Crown Grant applications to obtain additional land for agriculture purposes consideration be given to the timber harvesting land base and impact to the mid-term timber supply." to the Province as the Regional District's comments as amended on Crown Land application 7409822."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Director Miller expressed concerns that the harvesting of merchantable timber for agriculture purpose to private land owners has a considerable impact to the timber harvesting land base and removes timber from the mid-term timber supply.

Director Petersen indicated that the Crown Grant to obtain additional land being considered for agriculture purposes is outlined in the Land and Resource Management Plan (LRMP) for agriculture use.

Director Thiessen indicated that the Vanderhoof Community Forest land base is south of this property.

Rural Directors Committee May 12, 2016 Page 5 of 5

## SUPPLEMENTARY AGENDA

## **REPORT**

Fraser Lake Elementary
Secondary School Mountain
Bike Club-Request for Grant
in Aid -Electoral Area "D"
(Fraser Lake Rural)

Moved by Director Parker Seconded by Director Petersen

RDC.2016-5-14

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Fraser Lake Elementary Secondary School Mountain Bike Club be given \$1,500 grant in aid monies from Electoral Area "D" (Fraser Lake Rural) for costs associated with upcoming Provincials in Port Coquitlam, B.C."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

**ADJOURNMENT** 

Moved by Director Newell Seconded by Director Miller

RDC.2016-5-15

"That the meeting be adjourned at 12:53 p.m."

(All/Directors/Majority)

CARRIED UNANIMOUSLY

Eileen Benedict, Chair

Wendy Wainwright, Executive Assistant



## REGIONAL DISTRICT OF BULKLEY-NECHAKO

## **MEMORANDUM**

TO: Chair Benedict and Rural Directors Committee

FROM: Cheryl Anderson

Manager of Administrative Services

DATE: May 31, 2016

SUBJECT: Treehouse Housing Association - Request for Grant in Aid -

Electoral Area "A" (Smithers Rural)

Attached is a request for Grant in Aid monies from the Treehouse Housing Association.

The Association is seeking \$2,500 grant in aid monies from Electoral Area "A" (Smithers Rural) for costs associated with a Youth Action Program.

Director Fisher has indicated that he is willing to contribute \$500 toward this application.

#### RECOMMENDATION:

(All/Directors/Majority)

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Treehouse Housing Association be given \$500 grant in aid monies from Electoral Area "A" (Smithers Rural) for costs associated with a Youth Action Program."

Cheryl Anderson			
From: Sent: To: Subject: Attachments:	Regional District of Bulkley-Net May-25-16 10:13 PM Cheryl Anderson New submission from "Grant in 574685bc5ae63-Youth Action F	n Aid Application"!	
X	REGIONAL DISTRICT OF BU ELECTORAL AREA GRANT I		
APPLICATION SI	UBMITTED BY: Housing Association	Mailing Address: Box 620, Telkwa, BC	
Email: Contact Person:		the_ark@telus.net Norma Stokes, Phone/ Fax. 2. 846-9661	50-
•	SUMMARY for which you require assistance: In Program: To open a Drop in for Teens	s in Telkwa for the summer months.	
Amount Requested	:	2500 <sub>1</sub>	• •
application is true a application for assis	nowledge, all of the information that is und correct. Furthermore, I hereby certiful stance is NOT being made on behalf of all or business undertaking.	fy that this Vas	
(signature of auth  Amount Approve Date:		Signature of Electoral Area Director	
APPLICATION Is your organization	PROFILE or voluntary and non-profit?:	Yes	

## 10

Please describe the services/benefits that your organization provides to the community. Are these services/benefits available to the community from another organization or agency?

This is a community involvement project aimed at providing healthy recreational activities to teens in Telkwa. It will entail opening a youth drop- in centre at our 1750 Hankin location that will be accessible to local teens during the summer months. Through various activities and workshops, youth will be able to learn life skills, participate in healthy recreational activities, undertake environmental stewardship, and remain engaged in the community. By participating in the project, youth will develop a number of skills while also improving confidence, fostering a sense of responsibility, and developing community connections.

Describe the geographic area that receives services or benefits from your organization.

Telkwa and surrounding area

Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.:

none. We have paid staff who manage and run the programs. Our board of directors are all volunteer positions

Please comment on the number of members/volunteers in your organization and how long your organization has been in operation.:

We have 5 people on the board with a general membership of 40 people. The Treehouse Housing Association took over the operations of The Ark Playday Centre nine years ago. The Ark previously Norma's Ark has been in operation since 1987.

#### PROJECT PROPOSAL PROFILE

RDBN Assistance Requested:

other purpose

Other Assistance Requested:

To support a new Youth Action Program for youth in Telkwa and surrounding area.

Please describe the proposal for which you are requesting assistance. If you are applying for an exemption from fees and/or charges or other consideration, please provide details or your request here. Attach additional information if required:

This is a community involvement project aimed at providing healthy recreational activities to teens in Telkwa. It will entail opening a youth drop- in centre at our 1750 Hankin location that will be accessible to local teens during the summer months. Through various activities and workshops, youth will be able to learn life skills, participate in healthy recreational activities, undertake environmental stewardship, and remain engaged in the community. By

participating in the project, youth will develop a number of skills while also improving confidence, fostering a sense of responsibility, and developing community connections.

Describe how this proposal will benefit the community:

According to Statistics Canada, in 2006 twenty-seven percent of the population of Telkwa was aged 0-14; this year, these individuals will be between the ages of 10-24. In 2011, the Village of Telkwa identified "youth training and involvement in the community (while) encourag(ing) leadership education and guidance" as a priority (Bylaw No. 613, 2011). Despite these demographics and the identification of youth as a priority, there are currently no regular teen programs in Telkwa, which leaves approximately 27% of the population relatively underserved. Some teen programs do exist in Smithers; however, there are no free programs that operate daily during the summer. Furthermore, teens living in Telkwa may have limited transportation and subsequently, issues accessing programming in Smithers. Lack of programming for teens has a number of negative effects: teens without access to recreational activities may become involved in petty crimes and vandalism and/or drug and alcohol abuse. They may also develop apathy and a sense of disconnection with their communities. As a result, they may lose confidence and their grades may suffer. Many of these issues can be addressed by having a free, centrally located indoor space in which teens can meet, form relationships, and build community connections.

FUNDING AND FINANCIAL INFORMATION files Submitted:	574685bc5ae63-Youth Action Program Budget.doc
Have you applied for a grant/funding from other source(s)?:	Yes
If not, please comment.:	
Name of Grant or Funding Agency1: Amount Applied for 1: Status of Grant Application1:	Wetzin"kwa Community Grant 4920 Pending

Name of Grant or Funding Agency2: Amount Applied for 2: Status of Grant Application2:

Name of Grant or Funding Agency3: Amount Applied for3: Status of Grant Application3:

Name of Grant or Funding Agency4: Amount Applied for4: Status of Grant Application4:



Have you received assistance before from us.

No

Year, Amount and Purpose for assistance Year, Amount and Purpose for assistance

Does your organization:

Offer direct financial assistance to individuals or families?: Duplicate services that fall within the mandate of either: a senior government or a local service agency?: Provide an opportunity for individuals to make direct contributions?:

OR, is your organization: Part of a provincial or national fund raising campaign?:



## REGIONAL DISTRICT OF BULKLEY-NECHAKO

### MEMORANDUM.

TO: Chair Benedict and Rural Directors Committee

FROM: Cheryl Anderson

Manager of Administrative Services

DATE: June 1, 2016

SUBJECT: Bulkley Valley Farmers' Market Association - Request for

Grant in Aid – Electoral Area "A" (Smithers Rural)

Attached is a request for Grant in Aid monies from the Bulkley Valley Farmers' Market Association.

The Association is seeking \$4,000 grant in aid monies from Electoral Area "A" (Smithers Rural) for costs associated with celebrating the 25<sup>th</sup> year anniversary of the Farmers' Market.

Director Fisher has indicated that he is supportive of this application.

## **RECOMMENDATION:**

(All/Directors/Majority)

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Bulkley Valley Farmers' Market Association be given \$4,000 grant in aid monies from Electoral Area "A" (Smithers Rural) for costs associated with celebrating the 25<sup>th</sup> year anniversary of the Farmers' Market."

# REGIONAL DISTRICT OF BULKLEY-NECHAKO ELECTORAL AREA REQUEST FOR GRANT IN AID APPLICATION

APPLICATION SUBMIT	ITED BY:
Applicant Name:	Bulkley Valley Farmers Market Association
Mailing Address:	BOX 5007 SMITHERS BC V0J 2N0
E-mail Address:	BV Farmers' Market Association <info@bvfm.ca></info@bvfm.ca>
Contact(s):	Meg Roberts, info@rusticawoodfired.com, 250-847-4590
	APPLICATION SUMMARY
	which you require assistance: od, dinner on Main Street, community engagement
To the best of my knowledge	e, all of the information that is provided in this application is true and correct. that this application for aesistance is NOT being made on behalf of an individual,
(signature of authorized signato	ory) (title)
Amount Approved: Date:	
Signature of Electoral Area Dire	ector

RDBN Application for Grant in Aid Assistance Page 2 of 5 1. Please describe the services/benefits that your organization provides to the community. Are these services/benefits available to the community from another organization or agency?

The objective of the market is to educate and encourage local production by providing an outlet for local farm produce, crafts and products of cottage industry. While it is called a farmers market, and the BVFMA does focus on food products, the BVFMA promotes all local cottage based industries. We have a 'make, bake, or grow' policy and are committed to quality products that improve the health and lives of individuals, as well as facilitate social, economic (UNBC study estimates \$1.3 million into the local economy each year), and cultural activities that improve the community as a whole.

Describe the geographic area that receives services or benefits from your organization.

Vendors who live between Prince Rupert and Prince George are eligible to sell at the BVFMA. The market itself is open to the public, locals and visitors alike.

3. Is your organization voluntary and non-profit? NO

Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.

Non profit organization that hires a part time coordinator and a part time market manager.

Please comment on the number of members/volunteers in your organization and how long your organization has been in operation.

Approximately 100 members. Approximately 40 vendors per week. UNBC studies have shown that up to 2000 visitors at the market some weeks.

RDBN Application for Grant in Aid Assistance Page 3 of 5

## PROJECT/PROPOSAL PROFILE

1. Assistance is being requested for:

special event

Please describe the proposal for which you are requesting assistance. If you are applying for an exemption from fees and/or charges or other consideration, please provide details or your request here. Attach additional information if required.

Celebrate the 25th year anniversary of the Farmers Market by showcasing local producers. A coordinator will be organizing a long table dinner for 250 on Main Street Smithers. The meal will use all local ingredients, and will engage 1st Nations, youth (as servers), our regular customers, the Town of Smithers itself, as well as downtown businesses. We will attempt to reach all members of the community by offering corporate tables as well as free tickets to social service agencies to give to their clients, and will sell tickets to the general public. The grant will help hire a coordinator to ensure a successful event, reach as many participants as possible, and develop community partnerships. The grant will also help recognize producers who provide food and volunteers who help serve, musician and the chefs for the evening. It will also help cover up front expenses such as equipment rentals, etc.

Describe how this proposal will benefit the community.

Connect people to the local farmers and chefs in our community in a celebratory way. Inspire people to go to the farmers market to buy local food. Create partnerships and connection between chefs and local farmers, as well as 1<sup>st</sup> Nations. This will be the first of its kind of 'Field to Table' event in the North and will therefore capitalize on tourism as well.

RDBN Application for Grant in Aid Assistance Page 4 of 5

## Funding and Financial Information

- 1. Attach supporting financial information, ie., budget/financial report. Ensure the following information is clearly itemized:
- Total cost of project/proposal;
- Grants/funding from other sources;
- Funding contributed by applicant through funding raising activities or other sources of revenue;
- Total expenses for the fiscal year, including any monies and/or benefits paid to members or officers.
- Have you applied for a grant/funding from other source(s)?

If yes, complete the following chart. If not, please comment.

This will be a revenue neutral event with the help of ticket sales as well as the RDBN grant.

Name of Grant or Funding	\$ Amount Applied for	Status of Grant Application		
Agency		Approved (Y)	Denied (Y)	Pending (Y)

RDBN Application for Grant in Aid Assistance Page 5 of 5

	Have you received assistance (grant in aid/waiving of fees, etc.), from the Regional District of Bulkley-Nechako in previous years?
	YES <b>If yes,</b> complete the following chart.
2014 a progra	and 2015 received support from the Connecting Consumer and Producer m.

Year:	\$ Amount	Purpose for which assistance was used

- 4. Does your organization:
- a) Offer direct financial assistance to individuals or families? NO
- b) Duplicate services that fall within the mandate of either a senior government or a local service agency?
- c) Provide an opportunity for individuals to make direct NO contributions?

**OR**, is your organization:

d) Part of a provincial or national fund raising campaign?NO

Don't forget to attach the required financial report.

## 25th Anniversary 'Field to Table' dinner.

Profit / loss

Revenue			
Tickets	\$50	150	\$7,500
Corporate tables	\$100	50	\$5,000
Free tickets	0	50	0
RDBN Grant in Aid			\$ 4,000.00
TOTALS		250	\$16,500
Expenses			
Food supplies		<b>\$</b> 20.0	\$ 5,000.00
Advertizing			\$ 500.00
Equipment rental 50 tables at \$10/table		\$ 500.00	
Serving/Table ware rental	\$5 per person		\$ 1,250.00
Misc permits, etc.			\$ 200.00
Musician			\$ 500.00
Honourarium for chefs	10 \$	100.00	\$ 1,000.00
Honourarium for servers	30 \$	10.00	\$ 300.00
Table gift (farmers market gift certificate)	\$5 per person		\$ 1,250.00
Contingency	10% of revenue		\$ 1,650.00
Coordinator (200 hours as needed)	200	\$20	\$ 4,000.00
Coodinator assistant (week before and week of event)	20 \$	18.00	\$ 360.00
TOTAL			\$ 16,510.00

(10.00)

\$



## REGIONAL DISTRICT OF BULKLEY-NECHAKO

## **MEMORANDUM**

TO:

**Chair Benedict and Rural Directors Committee** 

FROM:

Cheryl Anderson

Manager of Administrative Services

DATE:

June 1, 2016

SUBJECT:

Northern Society for Domestic Peace - Request for Grant in

Aid - Electoral Area "A" (Smithers Rural)

Attached is a request for Grant in Aid monies from the Northern Society for Domestic Peace.

The Society is seeking \$4,000 grant in aid monies from Electoral Area "A" (Smithers Rural) for costs associated with a four day workshop focusing on "Group Crisis Intervention combined with Individual Crisis Intervention, Peer Support and Post Trauma Impacts."

Director Fisher has indicated that he is supportive of providing \$1,000 grant in aid monies toward this application.

## RECOMMENDATION:

(All/Directors/Majority)

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Northern Society for Domestic Peace be given \$1,000 grant in aid monies from Electoral Area "A" (Smithers Rural) for costs associated with a four day workshop focusing on "Group Crisis Intervention combined with Individual Crisis Intervention, Peer Support and Post Trauma Impacts."

Cheryl Anderson		
From: Sent:	Regional District of Bulkley-Nechako <i< th=""><th>nquiries@rdbn.bc.ca&gt;</th></i<>	nquiries@rdbn.bc.ca>
To:	Cheryl Anderson	diession <sup>n</sup> l
Subject: Attachments:	New submission from "Grant in Aid App 574cbedd59e9c-2015 Audited Financial	
×	REGIONAL DISTRICT OF BULKLEY ELECTORAL AREA GRANT IN AID	-
APPLICATION SU		Mailing Address:
Northern So		3772 1St Avenue, Smithers, BC, V0J2N0
Email:		aliciamoleski@gmail.com
Contact Person:		Alicia, Telephone: 250-847- 9000 Fax: 250-847-8911
APPLICATION Project or purpose for	SUMMARY for which you require assistance:	
-	s Intervention combined with Individual Crisis Impacts Workshop	Intervention, Peer Support and
Amount Requested:		\$4000.00
application is true as application for assis	nowledge, all of the information that is provide and correct. Furthermore, I hereby certify that the tance is NOT being made on behalf of an indivi- al or business undertaking.	is <b>V</b> as
(signature of autho		Signature of Electoral Area Director
Dete:		是这种变化。

APPLICATION PROFILE

Is your organization voluntary and non-profit?:

Yes



Please describe the services/benefits that your organization provides to the community. Are these services/benefits available to the community from another organization or agency?

The Northern Society for Domestic Peace (NSDP) is a non-profit, comprehensive multi-service social programs agency, located in rural Northwest British Columbia with services offered in Smithers, Hazelton, Moricetown and Houston. Our mission is to develop & deliver programs that provide opportunities for individuals and families to strengthen their relationships and the quality of their lives. Through our programs and services, we aim to, foster healthy relationships in families and intimate relationships, promote safety and respect for individuals and families, challenge violence, promote healthy life styles and self-determination, create awareness & recognition of at-risk choices, domestic violence, child abuse, and sexual assault, generate awareness, and promote community development around preventing risks to individuals and families.

The Critical Incident Response Team program (CIRT) is composed of a team of trained volunteers that provide support to groups or individuals in the Bulkley Valley who are suffering or may suffer psychological or emotional distress following a critical incident. Our program offers a variety of interventions that assist individuals who have been impacted by critical incidents of a traumatic nature (i.e. sudden death, witness to sudden death, serious threat to life). The CIRT program consists of 17 volunteers with varying backgrounds and experience (i.e. RCMP Victim Assistance, School District 54, BC Ambulance, BC Ministry of Forests, Fire Department, Search and Rescue, Health Care, Private Counsellors, Mental Health & Corrections). Goals of the CIRT program are to help individuals mitigate the impact of a critical incident, facilitate normal recovery processes, and restore adaptive function with minimal impact to themselves, their family, their workplace and their volunteer activities. The services of the CIRT program are not available through another agency in the Bulkley Valley.

Describe the geographic area that receives services or benefits from your organization.

The CIRT Program has assisted hundreds of people in the Northwest for over 20 years, with services being provided to first responders, fire department, police, ambulance service, search and rescue, hospital as well as community members who have been involved in, or witnessed, a critical incident. Through donations and the dedication of our volunteers, the CIRT program has also extended assistance to communities outside of the Bulkley Valley (Prince George, Burns Lake, Kitwanga, Terrace, Ft. St. James and Stewart). The CIRT program has also played an important role in larger disasters that have occurred in our area. The goals of the CIRT program are to help individuals mitigate the impact of a critical incident, facilitate normal recovery processes, and restore adaptive function with minimal impact to themselves, their family, their workplace and their volunteer activities.

Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.:

Please see attached audited report.



Please comment on the number of members/volunteers in your organization and how long your organization has been in operation.:

The Northern Society for Domestic Peace had been in operation for twenty-two years (Incorporated in Feb, 1993). The Society has 33 members, 6 volunteer Board members and 18 program volunteers.

## PROJECT PROPOSAL PROFILE

RDBN Assistance Requested:

special event

Other Assistance Requested:

Please describe the proposal for which you are requesting assistance. If you are applying for an exemption from fees and/or charges or other consideration, please provide details or your request here. Attach additional information if required:

The CIRT program is seeking funding for a four day workshop focusing on, "Group Crisis Intervention combined with Individual Crisis Intervention, Peer Support and Post Trauma Impacts." The Northern Society for Domestic Peace would hire Bruce Ramsay, Certified Traumatologist of Trauma Serve Ltd to facilitate this workshop. Bruce Ramsey, retired as Deputy Fire Chief from the District of North Vancouver Fire and Rescue Services after thirty years. He is currently a Critical Incident Stress Management Trainer, Counsellor and Consultant in private practice. Within that practice he delivers training, both through the Justice Institute of BC and through contract to private corporations, Indian Health Services (USA), and other emergency service agencies. Bruce Ramsay is one of the most experienced instructors in North America on the subject of how public safety professionals respond to traumatic stress. He has helped first responders involved in some of the most challenging emergencies, including those dealing with the 1995 Oklahoma City bombing, and people providing 9-1-1 on-scene support at Ground Zero on September 11.

The concepts of the four day Workshop, "Group Crisis Intervention combined with Individual Crisis Intervention and Peer Support and Post Trauma Impacts," as defined by the International Critical Incident Stress Foundation are noted below.

"Group Crisis Intervention is designed to present the core elements of a comprehensive, systematic and multi-component crisis intervention curriculum, the Group Crisis Intervention will prepare participants to understand a wide range of crisis intervention services. Fundamentals of Critical Incident Stress Management will be outlined and participants will leave with the knowledge to perform several group crisis interventions, specifically demobilization, defusing and the Critical Incident Stress debriefing. The need for appropriate follow-up and referrals when necessary will be discussed. Program Highlights: Trauma Reactions, physical, emotional, cognitive, behavioral and spiritual. Resistance, resilience, recovery continuum. Strategic intervention planning. Small and large group crisis interventions; demobilization, defusing and debriefings."

"Individual Crisis Intervention and Peer Support. Crisis intervention is not psychotherapy; rather, it is specialized acute emergency mental health intervention which requires

## 24

specialized training. As physical first aid is to surgery, crisis intervention is to psychotherapy. Thus, sometimes crisis intervention is sometimes called "emotional first aid." This program is designed to teach participants the fundamentals of, and a specific protocol for, individual crisis intervention. Designed for anyone wishing to increase their knowledge and skills of individual (one-one) crisis intervention techniques. Program Highlights: Psychological crisis and psychological Crisis Intervention. Resistance, Resilience, Recovery Continuum. Basic crisis communication techniques. SAFER -revised model for crisis intervention. Assessment for triage and referral. Practical applications for individual crisis intervention."

Facilitation \$5600.00 (4 days)
Materials \$2000.00 (\$65.00x30)
Venue \$920.00 (4 days)
Catering \$2400.00 (4 days)

Travel for Bruce Ramsay
Per Diem \$330.00 (\$55.00/day)
Parking \$75.00 (5 days at Vancouver airport)
Hotel \$750.00 (5 days)
Flights \$1000.00

Coordination Fee \$2000.00 (80hrs @ \$25.00) Administration Fee \$1507.50 (10%)

Total Costs: \$15,582.50

Describe how this proposal will benefit the community:

The success of the Critical Incident Response Team in Smithers is dependent upon the dedication of volunteers and continued access to relevant training. The opportunity to focus on crisis response training will provide the CIRT volunteers with an increased knowledge of crisis intervention, victim issues and development of front line response skills. The workshop will enable the CIRT program to recruit new volunteers, while providing active volunteers with current crisis intervention training. The workshop will also contribute to the CIRT program's effort to provide consistent, reliable services in the Bulkley Valley. This workshop will also be available to community partners and first responders.

#### PUNDING AND PINANCIAL INFORMATION

funding and financial information files Submitted:	574cbedd59e9c-2015 Audited Financial Statement NSDP.pdf		
Have you applied for a grant/funding from other source(s)?:	Yes		
If not, please comment.:			



Name of Grant or Funding Agency1: Amount Applied for 1: Status of Grant Application1:

Name of Grant or Funding Agency2: Amount Applied for2:

Status of Grant Application2:

Name of Grant or Funding Agency3: Amount Applied for3: Status of Grant Application3:

Name of Grant or Funding Agency4: Amount Applied for4: Status of Grant Application4:

Have you received assistance before from us.

Year, Amount and Purpose for assistance

Year, Amount and Purpose for assistance

Does your organization:

Offer direct financial assistance to individuals or families?: Duplicate services that fall within the mandate of either: a senior government or a local service agency?: Provide an opportunity for individuals to make direct contributions?:

OR, is your organization: Part of a provincial or national fund raising campaign?:

Wetzin'kwa Community Forests Corporation \$7582.50 Pending

Community Action Initiative \$5000.00 Pending

2012 - \$2500.00 National Organization for Victim Assistance Training

Yes

Yes



## REGIONAL DISTRICT OF BULKLEY-NECHAKO

## **MEMORANDUM**

TO:

Chair Benedict and Rural Directors Committee

FROM:

Cheryl Anderson

Manager of Administrative Services

DATE:

June 1, 2016

SUBJECT: Burns Lake Christian Supportive Society Infant Development

Program - Request for Grant in Aid - Electoral Areas "B" (Burns Lake Rural) and "E" (Francois/Ootsa Lake Rural)

Attached is a request for Grant in Aid monies from the Burns Lake Christian Supportive Society - Infant Development Program.

The Society is seeking \$3,000 grant in aid monies for costs associated with developing a play area at the MMPS Learning Centre.

Directors Miller and Benedict have indicated that they are supportive of providing \$1,500 from each of Electoral Areas "B" and "E" toward the application.

#### RECOMMENDATION:

(All/Directors/Majority)

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Burns Lake Christian Supportive Society - Infant Development Program be given \$1,500 grant in aid monies from each of Electoral Areas "B" (Burns Lake Rural) and "E" (Francois/Ootsa Lake Rural) for costs associated with developing a play area at the MMPS Learning Centre."

Cheryl Anderson			<del></del>
From: Sent: To: Subject;	Regional District of Bulkley May-27-16 12:56 PM Cheryl Anderson New submission from "Gra	r-Nechako <inquiries@rdbn.bc.ca< th=""><th>3&gt;</th></inquiries@rdbn.bc.ca<>	3>
<b>x</b>	REGIONAL DISTRICT OF ELECTORAL AREA GRAI		
Intam Le	Christian Supportive S		n .
APPLICATION Project or purpose	arny Janzen		
Amount Requested	:	300	00.00
application is true a	nowledge, all of the information thand correct. Furthermore, I hereby of DT being made on behalf of an indiness undertaking.	certify that this application	No
(signature of auth  Amount Approve  Date:		Sign	ature of Electoral Area Director
APPLICATION Is your organization	PROFILE n voluntary and non-profit?:	Yes	recommended to this work as much till the following the place of the following and grade to the control of the place of the following and grade of the follo

Please describe the services/benefits that your organization provides to the community. Are these services/benefits available to the community from another organization or agency?



There are nine child related programs that run out of this location. Improvements in any sorts will be appreciated and made use of for decades to come.

Describe the geographic area that receives services or benefits from your organization.

In town - Decker Lake and François Lake

Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.:

rent - insurances - wages - supplies

Please comment on the number of members/volunteers in your organization and how long your organization has been in operation.:

4 staff/15 years

## PROJECT PROPOSAL PROFILE

RDBN Assistance Requested:

capital project and/or equipment

Other Assistance Requested:

Please describe the proposal for which you are requesting assistance. If you are applying for an exemption from fees and/or charges or other consideration, please provide details or your request here. Attach additional information if required:

please see attached

Describe how this proposal will benefit the community:

In every way- for SO many children in 9 different programs - for years and years to come. (see attached for out line of programs)

## FUNDING AND FINANCIAL INFORMATION

files Submitted:

Have you applied for a grant/funding from other source(s)?:

Yes

## 29

## If not, please comment.:

Name of Grant or Funding Agency1: Burns Lake Development

Amount Applied for 1: 2500.00
Status of Grant Application1: Approved

Name of Grant or Funding Agency2: Comfor
Amount Applied for2: 3500.00
Status of Grant Application2: Pending

Name of Grant or Funding Agency3:

Amount Applied for3:

Status of Grant Application3:

Credit Union unknown

Pending

Name of Grant or Funding Agency4:
Amount Applied for4:
Status of Grant Application4:

Alcan
5000.
Denied

Have you received assistance before from us.

No

Year, Amount and Purpose for assistance Year, Amount and Purpose for assistance

Does your organization:

Offer direct financial assistance to individuals or families?:

Duplicate services that fall within the mandate of either:

a senior government or a local service agency?:

Yes

Provide an opportunity for individuals to make direct contributions?: OR, is your organization: Part of a provincial or national fund raising campaign?:

May 17, 2016

## Dear Members of our Community

My name is Tamara Janzen and I am an owner and the operator of a community After School Program called Movin On Up. We are conveniently located at the formally known MMPS. This is my 13th year of running this program where we facilitate 24 children during the critical hours afterschool until the parents have completed their work day. At present, I also retain a waiting list of 9 children. Although my program is listed as "after school", (usually assumed to be grades 1-8), at present I have 6 kindergarten children registered as well. We are open on NI days as well as offer a summer program.

Sadly, after MMPS closed, all of the outdoor play facilities were removed from the premises. We have slowly begun attempts at refurbishing those amenities, as we believe outdoor play assumes an essential part of a child's development. Because the owners of the building, SD 91 do not assume costs for such projects, we have been forced to find the funds 'out of pocket'. Childcare is generally assumed not to be a 'get rich quick' path in life and in most instances there is not a excess of funding to complete endeavours of this kind. Thus, we have begun approaching the community. Because our facility is used as a commune for so many child development programs -

we believe any effort put forward to upgrade our outdoor space is an excellent investment that will be utilized for many generations to come!

The first and most important project we are urgently seeking funding for is perimeter safety fencing that will encase the entire outdoor play facilities. Because of our programs location - that has become filled to capacity with offices, the amount of vehicle traffic has become somewhat chaotic at times. As a result, our outdoor play times have become filled with moments of angst. It is difficult to ensure the safety of the children when their boundaries have been compromised. It does not matter how often you remind the children not to "run after a ball", they forget in moments of excitement. This has created numerous incidents of "close calls". It is clear to us that the only way to ensure the wellbeing of the children during that outdoor play time is to construct fencing. We have approached the school board with this request and have been quoted a cost of \$5800.00. They would be able to begin assembly immediately. It is one of those projects that we needed "yesterday" but there was no way of forecasting a filled- to -capacity building and the traffic that accompanies it. This is our greatest need!

In addition, we have been given a playhouse: Introducing...Club Cool Kids (so aptly named by our kids®)



This is a structure that was donated to us. It is in obvious need of TLC to bring it up to code. We are seeking donations of any kind, whether it be ideas, supplies or expertise in donations of time. It is our hope to complete it with siding and shingles. We also wish to finish the inside in some fashion to eliminate the possibility of splinters. We are wanting to produce a finished product that will stand the test of time. The dimensions of this "club house" are 64 x 72 x 90 inches.

With your assistance, the goal of expanding and once again providing the children with a play area that challenges all of their exploration, cognitive and physical needs is attainable. It is important to the children-therefore it is of essence to us! We have, as well, been in contact with the Habitat Systems, a supplier of commercial grade park, playground and landscape equipment. We are waiting on quotes for an "inclusive playground structure" as well as a climbing apparatus. We are also looking at play structures displayed on the Costco.ca web site. These have been CSA approved as well as consent given from the school board to construct this building. The total for this apparatus is \$2899.00.

We are excited to improve our facility - making it a challenging, warm and welcoming place to all who visit!

Please keep in mind that there are now NINE child related programs that run out of MMPS Learning Center and would benefit from this funding. It is on behalf these programs that I make this submission. They are as follows: You Are My Sunshine Daycare-Sharla Martens Supportive Child Development-Moniquee Brodie, Slammin Salmon Youth Group-Murphy Abraham, Mother Goose-Tanya Van Tine, Early Years-Shauna Alec, CDC-Kerri Bassett, Literacy-Jennifer Peterson and of course myself, Tamara Janzen-Movin On Up After School Program.

Thank you so much for your time and consideration in our venture.

Please call if you have questions or are able to assist us in any way. Phone: 250-692-9486

Sincerely,

Tamara Janzen



## REGIONAL DISTRICT OF BULKLEY-NECHAKO

### MEMORANDUM

TO:

Chair Benedict and Rural Directors Committee

FROM:

Cheryl Anderson

Manager of Administrative Services

DATE:

June 1, 2016

SUBJECT: Lakes District Arts Council - Request for Grant in Aid -

Electoral Areas "B" (Burns Lake Rural) and "E"

(François/Ootsa Lake Rural)

Attached is a request for Grant in Aid monies from the Lakes District Arts Council.

The Arts Council is seeking \$2,000 grant in aid monies from Electoral Areas "B" (Burns Lake Rural) and "E" (Francois/Ootsa Lake Rural) for costs associated with events during the 2016/17 season.

Director Miller has indicated that he is supportive of providing \$1,000 from Electoral Area "B" toward the application.

## RECOMMENDATION:

(All/Directors/Majority)

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Lakes District Arts Council be given \$1,000 grant in aid monies from Electoral Area "B" (Burns Lake Rural) for costs associated with events during the 2016/17 season."

# REGIONAL DISTRICT OF BULKLEY-NECHAKO ELECTORAL AREA REQUEST FOR GRANT IN AID APPLICATION

APPLICATION SUBMITTED BY:				
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er L m				
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2				

Signature of Electoral Area Director

RDBN Application for Grant in Aid Assistance Page 2 of 5

## **APPLICANT PROFILE**

<ol> <li>Please describe the services/benefits that your organization provides to the community. Are these services/benefits available to the community from another</li> </ol>
in April, 2016/see enclosure). LDAC presents live performance
youth projects, HD opera broad casts at the Beacon Teatr
14,600 patrons have a Hender live performances. Over 1000
through the AAS4 youth program. LDAC is the only presenter
2. Describe the geographic area that receives services or benefits from your between organization.
LDAE serves thelples District induding Topley, Graniste and and the Southside of François Lake, Adience members Quest
come from Smithers Fraser Lake and occasionally from
LDAC is a key player on the arts and alteral scene in
the RDBN service area. LDAC is also an economic player, spending about 40% of its budget in the region.
3. Is your organization voluntary and non-profit? XYESNO
Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.
LDAC has been a registered non-profit Society in BC since 2006. We are a 160 % volunteer
organization. No remuneration is paid to any
Please comment on the number of members/volunteers in your organization and how long your organization has been in operation.
LDAC held its eleventh AGM in February 2016. Fifteen to twenty volunteers regularly support activities.
LDAC is in the midst of a succession planning cycle
and volunteer recruitment drive, to promote the
long-term life of the organization

RDBN Application for Grant in Aid Assistance Page 3 of 5

#### PROJECT/PROPOSAL PROFILE

Assistance is being requested for:
capital project and/or equipment
x special events Summer rock in roll camps in Grassy Plains and Burns Lake, summer and
other purpose (Support to 16/17 seasm, AAs 4 Youth,) music
HD opena broadcasts at The Beacon Com, Theatre,
<ol> <li>Please describe the proposal for which you are requesting assistance. If you are applying for an exemption from fees and/or charges or other consideration, please provide details or your request here. Attach additional information if required,</li> </ol>
1) Support for fourth annual rock in roll camps in Burns Lake
and Grassy Plains - sold out or nearly sold out every summe
(3) Summer and and music camps are planned in
partnership with CNC (we hope to bring First Nations
Jucal and and music teachers. (3) LDAC's eleventh season
announced April 2016 (see enclosure) (4) Continuation of a
Series (fourth season) of Mot, Live in HD opera broad casts
in partnership with The Beacon Theatre in 16/17.
3. Describe how this proposal will benefit the community.
LDAC is akey player in theats and alteral industry in the
Lakes District, in the negion and in the province. LDAG
income supports the attendance of almost 15 000 people at
live events, and the participation of youth in live events, workshops, summer comps and speak events, Finds
generated by LDAC support the Lakes District Pestival of the
Performing AAS: LD95 heatre and drama projects:
Comada Day at Spirit Square; community Workshopsand
ont exhibitions and the like. LDAC shops locally and spends almost \$30,000.00 annually in the region. LDAC
spends almost \$30,000,00 annually in the region. LDAC
is an active member of the Burnslake and District Chamber
of Commorce, helping publicities and participating in
Cof events and projects.

RDBN Application for Grant in Aid Assistance Page 4 of 5

#### **Funding and Financial Information**

- 1. Attach supporting financial information, ie., budget/financial report. Ensure the following information is clearly itemized:
- Total cost of project/proposal;
- Grants/funding from other sources;
- Funding contributed by applicant through funding raising activities or other sources of revenue;

2. Have you applied for a grant/funding from other source(s)?

 Total expenses for the fiscal year, including any monies and/or benefits paid to members or officers.

Y_YESNO	· ·	, ,		
If yes, complete the following	g chart. <b>If not,</b> p	olease commer	nt.	
			_	
Name of Grant or Funding	\$ Amount	Status of	Grant Appl	ication
Agency	Applied for	Approved	Denied (Y)	Pending
Village of Burnslave	\$4.700-	1000		V

(Govt of Camada)

3. Have you received assistance (grant in aid/waiving of fees, etc.), from the

RDBN Application for Grant in Aid Assistance Page 5 of 5

Regional District of Bulkley-Nechako in previous years?	
YESNO if yes, complete the following chart.	
Year: \$ Amount Purpose for which assistance was used	
2010 \$2000 - Speak Drojedsom & 10/11 season	
2011 \$2000 - Spead Drollects and 1112 season	
2012 \$2000 - Special projects and 12/3 season	
3013 & 2000 - Speaal projects and 13/14 season	
2014 \$2000 - Speaal projects and 14/15 season	
2014 \$2000 - Special projects and 14/15 season.  4. Does your organization: Special projects and 15/16 season.	
a) Offer direct financial assistance to individuals or families?YES XNO **	
b) Duplicate services that fall within the mandate of eitherYES _X_NO a senior government or a local service agency?	
c) Provide an opportunity for individuals to make direct XYESNO contributions?	
OR, is your organization:	
d) Part of a provincial or national fund raising campaign?YES _XNO	
Don't forget to attach the required financial report.	
* The AAs Council's Arts 4 Youth program provides free	
tickets to live performances, supported by small	
* The AAs Guncil's AAs 4 Youth program provides free tickets to live performances, supported by small businesses, service clubs and educational institution	15
Over 1,000 young people and guests have benefitted	
from this program over the past eight years. LDAG	<u>-</u>
offers an annual scholarship to a high school	
graduate, and a scholarship to a participant in the Lakes District Festival of the Performing AAs.	2
Lakes District Festival of the Performing AAs.	



# REGIONAL DISTRICT OF BULKLEY-NECHAKO MEMORANDUM

TO: Chair Benedict and Rural Directors Committee

FROM: Cheryl Anderson

Manager of Administrative Services

DATE: June 1, 2016

SUBJECT: Girl Guides of Canada - Request for Grant in Aid - Electoral

Area "C" (Fort St. James Rural)

Attached is a request for Grant in Aid monies from the Girl Guides of Canada.

The Club is seeking \$200 grant in aid monies from Electoral Area "C" (Fort St. James Rural) for costs associated with attending National Guide Camp.

Director Greenaway has indicated that he is supportive of the application.

#### RECOMMENDATION:

(All/Directors/Majority)

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Girl Guides of Canada be given \$200 grant in aid monies from Electoral Area "C" (Fort St. James Rural) for costs associated with attending National Guide Camp."

## RECEIVED

#### MAY 06 2016

#### REGIONAL DISTRICT OF BULKLEY-NECHAKO ELECTORAL AREA REQUEST FOR GRANT IN AID APPLICATION

REGIONAL DISTRICT OF BULKLEY NECHAKO

APPLICATION SUBMIT	TED BY:
Applicant Name:	Nicole Boyde - Girl Guides of Canada
Mailing Address:	Box 684
	Fort St. James, BC VOJ 1PO
E-mail Address:	mpboyde @ telus.net
Contact(s):	Peggy Boyde 250-996-0343 Name, Telephone/Fax Number
	Susan Williams 250-996-8873 Name, Telephone/Fax Number
	APPLICATION SUMMARY
	which you require assistance: to attend National
Guide Comp in S	Sylvan Lake, Alberta July 9-17, 2016.
Amount of Grant Reque	ested \$ 200, 00
	all of the information that is provided in this application is true and correct.  at this application for assistance is NOT being made on behalf of an individual, assumed undertaking.
(signature of authorized signatory	(title) District Commissioner
Amount Approved: Date:	Stuart Lake Girl Guides
Signature of Electoral Area Direct	nor

RDBN Application for Grant in Aid Assistance Page 2 of 5

#### **APPLICANT PROFILE**

community. Are these services/benefits available to the community from another	
organization or agency?	
Guiding offers airls and young women friendships	
and an all-female network of friends and role mode	ls
Guiding provides opportunities to practice care for the	
environment, service to the community, connect to the	
community and develop a sense of tesponsibility and	
independence.	
·	
2. Describe the geographic area that receives services or benefits from your	
organization.	
Guiding is offered worldwide, and is very active	
in Fort St. James and the surrounding Tommunities	-
2	
<del></del>	
<del></del>	
Is your organization voluntary and non-profit?YESNO	
• • • • • • • • • • • • • • • • • • •	
Please detail any remuneration paid, or funds otherwise made available to members,	
• • • • • • • • • • • • • • • • • • •	
Please detail any remuneration paid, or funds otherwise made available to members,	<b>}</b>
Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.	)-
Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization. <u>Funds are available by our local district garea of quiding</u>	)-
Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.  Funds are available by our local district garea of quiding Requests have been made to our Fort St. James District town council.	<b>)</b> ~
Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.  Funds are available by our local district garea of quiding Requests have been made to our fort St. James District town council.  Please comment on the number of members/volunteers in your organization and how	)-
Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.  Funds are available by our local district garea of quiding Requests have been made to our fort st. James District town council.  Please comment on the number of members/volunteers in your organization and how long your organization has been in operation.	<b>)-</b> -
Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.  Funds are available by our local district garea of quiding Requests have been made to our Fort St. James District town council.  Please comment on the number of members/volunteers in your organization and how long your organization has been in operation.  Locally in Fort St. James Quiding has been active for	- - -
Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.  Funds are available by our local district garea of quiding Requests have been made to our Fort St. James District town council.  Please comment on the number of members/volunteers in your organization and how long your organization has been in operation.  Locally in Fort St. James, Guiding has been active for	- - -

RDBN Application for Grant in Aid Assistance Page 3 of 5

#### PROJECT/PROPOSAL PROFILE

Assistance is being requested for:
capital project and/or equipment
special event
other purpose ()
2. Please describe the proposal for which you are requesting assistance. If you are applying for an exemption from fees and/or charges or other consideration, please provide details or your request here. Attach additional information if required.  Requesting financial Support to attend a Mational Fluiding event held in Sylvan Lake Alberta. This event is only held every three years in different parts of Canada. Only 1800 girls are accepted Nationally and Internationally Each participant will do a selection of different activities from science, health, environment, waterfront and service
projects. This event is airl centered activity based and
provides leadership development and outdoor experiences.
3. Describe how this proposal will benefit the community.
This proposal will benefit the community inspiring experience that excites energizes and enables total gits to be confident, resourceful, courageous and engage them to make a difference - Fort St. James and the surrounding areas will be represented with great pride.

RDBN Application for Grant in Aid Assistance Page 4 of 5

#### **Funding and Financial Information**

- 1. Attach supporting financial information, ie., budget/financial report. Ensure the following information is clearly itemized:
- Total cost of project/proposal;
- Grants/funding from other sources;
- Funding contributed by applicant through funding raising activities or other sources of revenue;
- Total expenses for the fiscal year, including any monies and/or benefits paid to members or officers.

2.	Have you applied for a grant/funding from other source(s)? YESNO
	If yes, complete the following chart. If not, please comment.

Name of Grant or Funding	\$ Amount	Status of Grant Application			
Agency	Applied for	Approved (Y)	Denied (Y)	Pending (Y)	
District of Fort St. Jam	2S \$350	\$ 200			

RDBN Application for Grant in Aid Assistance Page 5 of 5

Year:	\$ Amount	Purpose for which assistance was used
4.	Does your organization:	
a)	Offer direct financial assistance	to individuals or families? <u>W</u> YES <u>V</u> No
b)	Duplicate services that fall within a senior government or a local s	Will Transaction and Alberta Michigan
c)	Provide an opportunity for individual contributions?	duals to make directYESVNO
R, is	your organization:	
	B. C.	ind raising campaign?YESNO

#### **Financial Information**

Total Cost of Project \$1500.00

Funding from other resources:

District of Fort 5t James \$200.00

5tuart Lake Girl Guides \$250.00

Rivers North Area Girl Guides \$100.00

Funding contributed by applicant:

Bottle collection and babysitting \$750.00



## REGIONAL DISTRICT OF BULKLEY-NECHAKO

#### <u>MEMORANDUM</u>

TO:

Chair Benedict and Rural Directors Committee

FROM:

**Cheryl Anderson** 

**Manager of Administrative Services** 

DATE:

May 31, 2016

SUBJECT:

Fort St. James Secondary School Mountain Bike Team (School

District No. 91) - Request for Grant in Aid - Electoral Area "C"

(Fort St. James Rural)

Attached is a request for Grant in Aid monies from the Fort St. James Secondary School Mountain Bike Team (School District No. 91).

The Team is seeking \$1,000 grant in aid monies from Electoral Area "C" (Fort St. James Rural) for costs associated with Mountain Bike Provincials in Coquitlam, B.C.

Director Greenaway has indicated that he is supportive of the application.

#### RECOMMENDATION:

(All/Directors/Majority)

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Fort St. James Secondary School Mountain Bike Team be given \$1,000 grant in aid monies from Electoral Area "C" (Fort St. James Rural) for costs associated with Mountain Bike Provincials in Coquitlam, B.C."

### Cheryl Anderson Regional District of Bulkley-Nechako <inquiries@rdbn.bc.ca> From: May-18-16 1:58 PM Sent: To: Cheryl Anderson New submission from "Grant in Aid Application"! Subject: 573cd762a76d2-Copy of Mountian Biking Costs2016.xlsx Attachments: REGIONAL DISTRICT OF BULKLEY-NECHAKO ELECTORAL AREA GRANT IN AID APPLICATION APPLICATION SUBMITTED BY: Mailing Address: FSJSS Mountain Bike Team School PO Box 220 District 91 miones@sd91.bc.ca Email: Martina Jones 250 996 7500 Contact Person: ext 23 APPLICATION SUMMARY Project or purpose for which you require assistance: Mountain Bike Provincials in Coquitlam \$1000.00 Amount Requested: To the best of my knowledge, all of the information that is provided in this application is true and correct. Furthermore, I hereby certify that this Yes application for assistance is NOT being made on behalf of an individual, industry, commercial or business undertaking.

#### APPLICATION PROFILE

Amount Approved:

(signature of authorized signatory)

Signature of Electoral Area Director

(title)

Yes

Please describe the services/benefits that your organization provides to the community. Are these services/benefits available to the community from another organization or agency?

The grant in aid will help students experience outdoor recreation otherwise not accessible. The grant will help offset the cost of race registration and accomodations

Describe the geographic area that receives services or benefits from your organization.

Fort St James

Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.:

NA

Please comment on the number of members/volunteers in your organization and how long your organization has been in operation.:

13 Students in grades 8-12
This will be the third year we have attended provincials

#### PROJECT PROPOSAL PROFILE

RDBN Assistance Requested:

special event

Other Assistance Requested:

Please describe the proposal for which you are requesting assistance. If you are applying for an exemption from fees and/or charges or other consideration, please provide details or your request here. Attach additional information if required:

Travel and participation in Mountain Bike Provincials

Describe how this proposal will benefit the community:

Students have the opportunity to experience outdoor recreation available in our community that is widely underused. We encourage students to give back and help with trail maintenance in their own community

#### FUNDING AND FINANCIAL INFORMATION

### 50

573cd762a76d2-Copy of files Submitted: Mountian Biking Costs2016.xlsx Have you applied for a grant/funding from other source(s)?: Yes We have requested funding If not, please comment.: from the High School PAC PAC Name of Grant or Funding Agency1: Amount Applied for 1: \$1000.00 Status of Grant Application1: Approved Name of Grant or Funding Agency2: Amount Applied for 2: Status of Grant Application2: Name of Grant or Funding Agency3: Amount Applied for3: Status of Grant Application3: Name of Grant or Funding Agency4: Amount Applied for4: Status of Grant Application4: Have you received assistance before from us. Yes 2015 Mountain Bike Provincials in Powell River Year, Amount and Purpose for assistance \$1000.00 Year, Amount and Purpose for assistance Does your organization:

Offer direct financial assistance to individuals or families?: Duplicate services that fall within the mandate of either: a senior government or a local service agency?: Provide an opportunity for individuals to make direct contributions?: OR, is your organization: Part of a provincial or national fund raising campaign?:

Mountain I	<u>Biking Prov</u>	incials Proj	ected Costs			Based	on 13	Riders	
ransporta	<u>tion</u>								
Support Ve	hicle Fuel					\$ 70	00.00		
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Accomodat	tions			Nights					
Rider Room	10			4	\$440	\$ 1,76	0.00		
	Coach/Bus	Driver	]	4			0.00		
		Driver							1
Martina Joi				4	<del></del>		0.00		
Support Ve	hicle Driver	•		4	\$110	\$ 44	0.00		
						\$ 3,78	0.00		
				+				<del></del>	
Entry Food				13	\$25	\$ 22	5.00		
Entry Fees				13	243	) 32	טט.כ.		
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						\$ 32	5.00		
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			Estimated	total		\$ 4,10	  5,00		
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### REGIONAL DISTRICT OF BULKLEY-NECHAKO MEMORANDUM

TO:

Chair Benedict and Rural Directors Committee

FROM:

Cheryl Anderson

Manager of Administrative Services

DATE:

May 31, 2016

SUBJECT: Stuart Lake Seniors' Association - Request for Grant in Aid -

Electoral Area "C" (Fort St. James Rural)

Attached is a request for Grant in Aid monies from the Stuart Lake Seniors' Association.

The Association is seeking \$450 grant in aid monies from Electoral Area "C" (Fort St. James Rural) for costs associated with its Strawberry Tea.

Director Greenaway has indicated that he is supportive of the application.

#### RECOMMENDATION:

(All/Directors/Majority)

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Stuart Lake Seniors' Association be given \$450 grant in aid monies from Electoral Area "C" (Fort St. James Rural) for costs associated with its Strawberry Tea."

Cheryl Anderson		
From: Sent: To: Subject: Attachments:	Regional District of Bulkley-Nechako <inqui May-16-16 10:14 AM Cheryl Anderson New submission from "Grant in Aid Applica 5739ffba208f2-GIA may16-2016.xlsx</inqui 	
×	REGIONAL DISTRICT OF BULKLEY-NI ELECTORAL AREA GRANT IN AID API	
APPLICATION S  Stuart Lake	Mai	ling Address: 1568 (V0J 1P0)
Email: Contact Person:		Chiebert@sd91.bc.ca W. Cester Hiebert, 250-996- 7500 ext. 27, 250-996-8544
APPLICATION Project or purpose SLAS Straw	for which you require assistance:	
Amount Requested	l:	\$450
application is true a application for assi	knowledge, all of the information that is provided in and correct. Furthermore, I hereby certify that this stance is NOT being made on behalf of an individual or business undertaking.	Vas
(signature of auth		Signature of Electoral Area Director

**APPLICATION PROFILE**Is your organization voluntary and non-profit?:

No

### 54

Please describe the services/benefits that your organization provides to the community. Are these services/benefits available to the community from another organization or agency?

The SLSA provides a venue for seniors in the Fort St. James (FSJ) area to gather and socialize over a meal, in this case 'strawberry short cake' and Tea. The SLAS invites seniors from FSJ, Vanderhoof, and as far as Fort Fraser and area, including remote Native communities, like Middle River and Tache'. The SLAS make and serve the food as people arrive, encouraging a cordial exchange between those they serve.

This event provides a venue for seniors from the surrounding communities to socialize, updating and exchanging information relative to their community. It fosters good relations between communities and helps them keep 'current' with age-related information.

Describe the geographic area that receives services or benefits from your organization.

Seniors from FSJ, Vanderhoof, and as far as Fort Fraser and area, including remote Native communities, like Middle River and Tache'.

Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.:

None, everything is done by senior volunteers.

Please comment on the number of members/volunteers in your organization and how long your organization has been in operation.:

We have records as high as 106 members but this year only 78 paid-up. Our organization has a deep history going back 35+ years in our records, and further in anecdotal accounts.

#### PROJECT PROPOSAL PROFILE

RDBN Assistance Requested:

special event

Other Assistance Requested:

Please describe the proposal for which you are requesting assistance. If you are applying for an exemption from fees and/or charges or other consideration, please provide details or your request here. Attach additional information if required:

available to the community from another organization or agency? The SLSA provides a venue for seniors in the Fort St. James (FSJ) area to gather and socialize over a meal, in this case 'strawberry short cake' and Tea. The SLAS invites seniors from FSJ, Vanderhoof, and as far as Fort Fraser and area, including remote Native communities, like Middle River and Tache'. The SLAS make and serve the food as people arrive, encouraging a cordial exchange between those they serve. This event provides a venue for seniors from the surrounding communities to socialize,

### 55

updating and exchanging information relative to their community. It fosters good relations between communities and helps them keep 'current' with age-related information.

Describe how this proposal will benefit the community:

This event provides a venue for seniors from the surrounding communities to socialize, updating and exchanging information relative to their community. It fosters good relations between communities and helps them keep 'current' with age-related information.

FUNDING AND FINANCIAL INFORMATION files Submitted:	<u>5739ffba208f2-GIA may16-</u> <u>2016.xlsx</u>
Have you applied for a grant/funding from other source(s)?:	No
If not, please comment.:	
Name of Grant or Funding Agency1: Amount Applied for 1: Status of Grant Application1:	
Name of Grant or Funding Agency2: Amount Applied for2: Status of Grant Application2:	
Name of Grant or Funding Agency3: Amount Applied for3: Status of Grant Application3:	
Name of Grant or Funding Agency4: Amount Applied for4: Status of Grant Application4:	
Have you received assistance before from us.	Yes
Year, Amount and Purpose for assistance	? New executive with little or no experience
Year, Amount and Purpose for assistance	? New executive with little or no experience

Does your organization:



Offer direct financial assistance to individuals or families?:
Duplicate services that fall within the mandate of either:
a senior government or a local service agency?:
Provide an opportunity for individuals to make direct contributions?:
OR, is your organization: Part of a provincial or national fund raising campaign?:

Strawberry T	ea Budg	get Projection	
Venue	nue SLSA Rec Center		
Rent	\$	100.00	(cancelled)
Food supplies	\$	350.00	
Drinks	\$	100.00	
Table decorations	\$	200.00	(cancelled)
Music	\$	20.00	(cancelled)
Setup (tables& chairs)	\$	50.00	(cancelled)
Take down (tables& chairs)	\$	50.00	(cancelled)
janitorial janitorial	\$	25.00	(cancelled)
Clean up dishes & kitcen	\$	25.00	(cancelled)
Total	\$	920.00	
Total-cancelled	\$	450.00	
Cancelled = donated or done	<u> </u>		
by volunteers			



#### REGIONAL DISTRICT OF BULKLEY-NECHAKO

#### **MEMORANDUM**

TO: Chair Benedict and Rural Directors Committee

FROM: Cheryl Anderson

**Manager of Administrative Services** 

DATE: May 31, 2016

SUBJECT: Fraser Lake Elementary Secondary School (School District No.

91) - Request for Grant in Aid - Electoral Area "D" (Fraser Lake

Rural)

Attached is a request for Grant in Aid monies from the Fraser Lake Elementary Secondary School (School District No. 91).

The School is seeking \$1,500 grant in aid monies from Electoral Area "D" (Fraser Lake Rural) for costs associated with its Boys' Golf Team attending the provincial tournament in Christina Lake, B.C.

Director Parker has indicated that he is willing to contribute \$1,000 toward this application.

#### **RECOMMENDATION:**

(All/Directors/Majority)

"That the Rural Directors Committee recommend to the Regional District of Bulkley-Nechako Board of Directors that the Fraser Lake Elementary Secondary School (School District No. 91) be given \$1,000 grant in aid monies from Electoral Area "D" (Fraser Lake Rural) for costs associated with the Boys' Golf Team attending the provincial tournament in Christina Lake, B.C."

5°

#### REGIONAL DISTRICT OF BULKLEY-NECHAKO ELECTORAL AREA REQUEST FOR GRANT IN AID APPLICATION

APPLICATION SUBMITT	ED BY:		
Applicant Name:	nt Name: Patti Ann Plowman / Jamie Neilson		
Mailing Address:	Bag 1002		
	Fraser Lake, BC VO.J ISO		
E-mail Address:	pplowmancsd91.bc.ca		
Contact(s):	Jamie Neilson (250)699 - 6262 (home) Name, Telephone/Fax Number		
	Path Ann Plowman (250) 699-6233/7753/898 Name, Telephone/Fax Number (work) (fax) (nom		
	APPLICATION SUMMARY		
Project or purpose for w	hich you require assistance: BOYS GOLF		
Provincial Ti	burnament		
Amount of Grant Reques	sted \$ 1500.00		
	all of the information that is provided in this application is true and correct. It this application for assistance is NOT being made on behalf of an individual, a undertaking.  (title) I map of FIESS.		
Amount Approved: Date:			

Signature of Electoral Area Director

RDBN Application for Grant in Aid Assistance Page 2 of 5

#### APPLICANT PROFILE

 Please describe the services/benefits that your organization provides to the community. Are these services/benefits available to the community from another organization or agency? PLESS is the only elementary/secondary school in Fraser Lake. In addition education, the school provides students with opportunities to athletic and leadership activities. Participation in the 135 politican is available to Students in Gr. 8-12. Students participated in Several qualifying rounds to qualify for the odf team. This year the team is made up of 6 2 Gr. 9s. 3 Gr. 10s. and 1 Gr. 11. The activities provided by the school are not the same as those offered in the community or from another organization. Describe the geographic area that receives services or benefits from your organization. Students in Grade 4-12 from Fraser Lake, Fort Fraser, Endako, Stellaten, and the surrounding rural and male students in Grades 8-12 are eligible on the golf team NO 3. Is your organization voluntary and non-profit? Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization. The team will receive \$350 from both the school and the school distric to put towards the trip. Funaraising opportunities are being which include a BBQ and Please comment on the number of members/volunteers in your organization and how long your organization has been in operation. There are 6 aplifers (2-6,95, 3-6,105, 1-6,11) on the team and one Coach. For 5 of the members, this is their second year on the team and it is the first year for the sixth member. There are 5 families (2 adfers are brothers) which will help with fundraising and there has been a golf team at FLESS off and on for the past 15-20 years.

RDBN Application for Grant in Aid Assistance Page 3 of 5

#### PROJECT/PROPOSAL PROFILE

1. Assist	ance is being requested for:
	capital project and/or equipment
·	special event
<u>×</u>	other purpose (Provincial Tournament)
applyi	e describe the proposal for which you are requesting assistance. If you are ng for an exemption from fees and/or charges or other consideration, e provide details or your request here. Attach additional information if ed.
The boys	have qualified for golf provincials in Christina Lake le 5-7, 2016. In addition to the 3 days in Christina boys will have to travel after school June 3, most
from Jun	e 5-7, 2016. In addition to the 3 days in Christina
a C Har do	y June 4, and then travel home June 7 \$8.
OF THE CA	yourse, but a treat treat to the
<u></u>	
<u> </u>	
3. Descr	ibe how this proposal will benefit the community.
nur boys	will be ambassadors for our community. They are a
veni chan	asmatic group who enjoy all secrets, the outdoors, and
mecting 1	new people. They will be able to share their
experience	es golfing at Molyhills in traser Lake and 19 Vanaerhoof
experience of the Or	ineca folf Course, with other adjects from around the
at the Or province.	ineca folf Course, with other golfers from around the They will also be able to share all of the great things
at the Or province.	ineca folf Course, with other golfers from around the They will also be able to share all of the great things
experience at the Om province: our area h bikina etc	ineca folf Course, with other golfers from around the They will also be able to share all of the great things as to offer: hunting fishing, hiking, camping, mountain we plan to approach the Village Office about providing
experience at the Or province: our area h biking etc the balls w	inera folf Course, with other golfers from around the liner will also be able to share all of the great things as to offer: hunting fishing hiking camping, mountain we plan to approach the Village Office about providing ith Fraser Lake ains which they can give out to other
experience at the Om province: our area h biking etc the boys w competito	ineca folf Course, with other golfers from around the They will also be able to share all of the great things as to offer: hunting fishing, hiking, camping, mountain we plan to approach the Village Office about providing

RDBN Application for Grant in Aid Assistance Page 4 of 5

#### Funding and Financial Information

- 1. Attach supporting financial information, ie., budget/financial report. Ensure the following information is clearly itemized:
- Total cost of project/proposal;
- Grants/funding from other sources;
- Funding contributed by applicant through funding raising activities or other sources of revenue;
- Total expenses for the fiscal year, including any monies and/or benefits paid to members or officers.

Have you applied for a		ner source(s)	?	
If yes, complete the fo	ollowing chart. If not, p	lease comme	ent.	
			Garris Estator	
PLE35	\$350	N		
SD#91	\$350	9		
FLESS PAC	<b>\$</b> 500	<u> </u>		
Village of Fr. LK	undetermined?	(kan ) \	1	I Ü

ROBN Application for Grant in Aid Assistance Page 5 of 5

3. Have you received assistance (grant in aid/waiving of fees , etc.), from the Regional District of Bulkley-Nechako in previous years?  X YESNO if yes, complete the following chart.			
2015	# 600 Go1	f Pronncials in Kelowna	
4.	. Does your organization:		
a)	) Offer direct financial assistance to individuals or families? XYESNO		
b)	b) Duplicate services that fall within the mandate of eitherYES _X_NO a senior government or a local service agency?		
c)	Provide an opportunity for individuals to make direct XYES NO contributions?		
OR, is your organization:			
d) Part of a provincial or national fund raising campaign?YES _X_NO			
Don't forget to attach the required financial report			

SHORTFALL

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> 16#05 5534

> > INCOMES

LOTAL EXPENSES

Entry Fee Meal

Bus transportation

:SAZNATX

MOST FLOS Evolutions SELL TROUM

GOLF PROVINCICUS 2016

Francial Report

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#### REGIONAL DISTRICT OF BULKLEY-NECHAKO

#### **MEMORANDUM**

TO:

Chair Benedict and Rural Directors Committee

FROM:

Cheryl Anderson

Manager of Administrative Services

DATE:

June 1, 2016

SUBJECT: Fraser Lake Festival of the Arts - Request for Grant in Aid -

Electoral Area "D" (Fraser Lake Rural)

Attached is a request for Grant in Aid monies from Fraser Lake Festival of the Arts.

The organization is seeking \$2,500 grant in aid monies from Electoral Area "D" (Fraser Lake Rural) for costs associated with the Fraser Lake Festival of the Arts.

Director Parker has indicated that he is supportive of the application.

#### RECOMMENDATION:

(All/Directors/Majority)

"That the Fraser Lake Festival of the Arts be given \$2,500 grant in aid monies from Electoral Area "D" (Fraser Lake Rural) for costs associated with the Fraser Lake Festival of the Arts."

Cheryl Anderson		·	
rom: Sent:	Regional District of Bulkley-Nechako <inquiries@rdbn.bc.ca> May-27-16 7:52 PM Cheryl Anderson ***SPAM***New submission from "Grant in Aid Application"! 574907b5a88e1-budgetfota2016.xlsx</inquiries@rdbn.bc.ca>		
To:			
Subject:			
Attachments:			
X -	REGIONAL DISTRICT OF BULKLEY-NE ELECTORAL AREA GRANT IN AID APP		
APPLICATION S			
	Ror	ing Address: 944 Fraser Lake VOJ ISO	
Fraser Lake	Festival of the Arts	7,17,430, 24,6,7,60 12,6	
Email:		starklightdesk@gmail.com	
Contact Person:		Tony Stark, Grant Officer, Fraser Lake Arts Council	
APPLICATION	SUMMARY for which you require assistance:		
Festival of t	• -		
Amount Requested:		\$2500	
application is true a application for assis	mowledge, all of the information that is provided in and correct. Furthermore, I hereby certify that this stance is NOT being made on behalf of an individual all or business undertaking.	Vac	
(signature of auth		Signature of Electoral Area Director	
Amount Approve Date:	d:		
APPLICATION	PROFILE		
	n voluntary and non-profit?:	Yes	

Please describe the services/benefits that your organization provides to the community. Are these services/benefits available to the community from another organization or agency?

We provide a yearly community festival for Fraser Lake/Endako/Fort Fraser region. Artists and visitors from Vanderhoof, Ft. St. James and Burns Lake also attend. No one else in the local area provides this sort of community gathering for the arts and culture.

Describe the geographic area that receives services or benefits from your organization.

Artists and visitors come to the Festival of the Arts from Burns Lake, Smithers, Fraser Lake, Endako, Fort Fraser, Fort St. James and Vanderhoof. Local business in Fraser Lake receives a boost from visitors to the two day Festival.

Please detail any remuneration paid, or funds otherwise made available to members, officers, etc. of your organization.:

We work as volunteers for the Festival of the Arts. Admission is free for all, but donation boxes are available to give money to the Fraser Lake Community Arts Center. None of the donations go to the workers or officers.

Please comment on the number of members/volunteers in your organization and how long your organization has been in operation.:

Fraser Lake Arts Council (FLAC) has eight members, and the volunteer force is about 30-50. We have been an arts council since 2014 and have held the first Festival of the Arts in 2015.

#### PROJECT PROPOSAL PROFILE

RDBN Assistance Requested:

special event

Other Assistance Requested:

Please describe the proposal for which you are requesting assistance. If you are applying for an exemption from fees and/or charges or other consideration, please provide details or your request here. Attach additional information if required:

The Fraser Lake Festival of the Arts is held the first weekend of August. It has a pavillion where local artists display their work and give workshops to visitors on their craft. Performances by local native singers, dancers and other performers take place all day, as well as poetry and writing readings. A multicultural bistro shares the culinary arts, as does a dine and dance on Friday night. The Festival culminates with art in White Swan park and a public concert by the lake, featuring local performers. Local businesses are exclusively used for the venue.



Describe how this proposal will benefit the community:

Local businesses in Fraser Lake report a jump in trade during last year's festival weekend; we hope to increase that with a two day festival. In addition, we hope to attract tourism by making Fraser Lake a summer destination with the Festival. We also hope over time to rebrand Fraser Lake and area as an artist mecca to attract permanent residents and patrons of the arts to the area. We are also making a promotional, showpiece video of the Festival this year that we hope to use in ads and online to attract more visitors to the area year round.

#### FUNDING AND FINANCIAL INFORMATION

files Submitted:	<u>574907b5a88e1-</u> <u>budgetfota2016.xlsx</u>
Have you applied for a grant/funding from other source(s)?:	Yes
If not, please comment.:	
Name of Grant or Funding Agency1: Amount Applied for 1: Status of Grant Application1:	NKDF 16,625 Approved
Name of Grant or Funding Agency2: Amount Applied for2: Status of Grant Application2:	Rio Tinto \$2500 Approved
Name of Grant or Funding Agency3: Amount Applied for3: Status of Grant Application3:	NewGold \$2500 Pending
Name of Grant or Funding Agency4: Amount Applied for4: Status of Grant Application4:	Fraser lake Early Childhood Development \$2500 Approved
Have you received assistance before from us.	Yes
Year, Amount and Purpose for assistance Year, Amount and Purpose for assistance	2015, \$2000-3000 Fraser Lake Festival of the Arts

Does your organization:

Offer direct financial assistance to individuals or families?: Duplicate services that fall within the mandate of either:

a senior government or a local service agency?:

Provide an opportunity for individuals to make direct contributions?: Yes



OR, is your organization: Part of a provincial or national fund raising campaign?:

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#### **MEMORANDUM**

To:

Regional District Board

From:

Marli Bodhi, Planning Technician

Date:

June 1, 2016

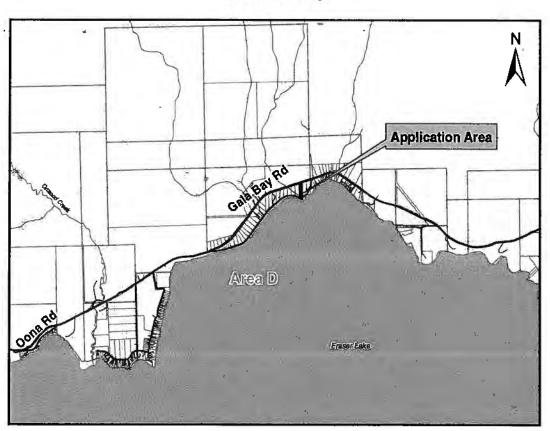
Re:

Land Referral File No. 0221818 (Carlson)

This application is regarding a Crown Grant on Crown land for residential use.

The subject property, legally described as Lot 3, District Lot 1089, Range 5 Coast District, Plan 4011, is located at 10231 Gala Bay Road on Fraser Lake and approximately 10 kilometres northeast of the Village of Fraser Lake. The application area is approximately 1.21 ha in size. Staff believe the application area is currently vacant; however, we are unable to confirm this with the property owner.

#### **Location Map**



The intent of this application is for the applicant to purchase the property which is currently leased from the Crown. Operations may include the removal of the merchantable timber and other vegetation from the application area.

It is recommended that the Ministry of Forests, Lands, and Natural Resource Operations identify the capacity of the lot to accommodate onsite sewage disposal, and that the purchasers be made aware of the limitations of the property.

The application area is zoned Waterfront Residential II (R4), which permits residential dwellings, under Regional District of Bulkley Nechako Zoning Bylaw No. 700, 1993.

#### Recommendation

That the attached comment sheet be provided to the Province as the Regional District's comments on Crown land application No. 0221818.

Development Services - All/Directors/Majority

Reviewed by:

Jason Dewellyn
Director of Planning

Written by:

Marli Bodhi

Planning Technician



#### REGIONAL DISTRICT OF BULKLEY-NECHAKO COMMENT SHEET ON CROWN LAND REFERRAL No. 0221818

Electoral Area:

D

Applicant:

Jan Carlson

Existing Land Use:

Recreational, Seasonal Dwelling

Zoning:

Zoned Waterfront Residential II (R4) under Regional District of

Bulkley Nechako Zoning Bylaw No. 700, 1993.

**Plan Designation** 

Lakeshore (L)

**Proposed Use Comply** 

With Zoning:

Yes

If not, why?

Agricultural Land Reserve:

Not in the ALR

Access Highway:

Gala Bay Road

Archaeological Site:

Not according to our mapping

Building Inspection:

Within the building inspection area

Fire Protection:

Outside Rural Fire Protection Area

Other comments:

It is recommended that the Ministry of Forests, Lands, and Natural Resource Operations identify the capacity of the lot to accommodate onsite sewage disposal, and that the purchasers

be made aware of the limitations of the property.

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## **MEMORANDUM**

To:

**Rural Directors** 

From:

Marli Bodhi, Planning Technician

Date:

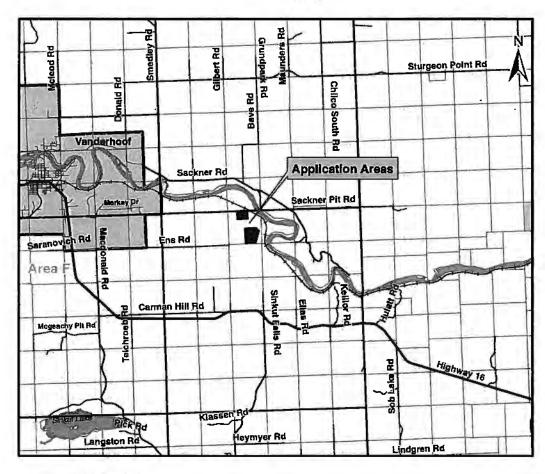
June 1, 2016

Re:

Land Referral File No. 7409848 (Klassen & Cormack)

This application is regarding a Crown Grant to obtain additional land for extensive agriculture purposes. The subject property is located on unsurveyed crown land, District Lot 33, on Ens Road, approximately 3.6 kilometres from the District of Vanderhoof. The application area is approximately 74.57 ha. in size.

#### **Location Map**



The intent of this application is to provide additional arable land to extend their existing farmland. The applicant intends to harvest merchantable timber and clear the land for crop and forage production. The land is currently vacant and forested.

It is noted that the application area is in the Agricultural Land Reserve.

The application area is zoned Rural Resource (RR1) under Regional District of Bulkley Nechako Zoning Bylaw No. 700, 1993.

#### Recommendation

That the attached comment sheet be provided to the Province as the Regional District's comments on Crown land application 7409848.

Rural Directors - All/Directors/Majority

Reviewed by

Jasoh Newellyn

Director of Planning

Written by:

Marli Bodhi

Planning Technician



# REGIONAL DISTRICT OF BULKLEY-NECHAKO COMMENT SHEET ON CROWN LAND REFERRAL 7409848

Electoral Area:

F

Applicant:

Edward Klassen & Laurie Cormack

**Existing Land Use:** 

Vacant, Forested

Zoning:

Rural Resource (RR1)

Plan Designation

Resource (RE)

Proposed Use Comply

With Zoning:

Yes

If not, why?

Agricultural Land Reserve:

Inside the ALR

Access Highway:

Ens Road

Archaeological Site:

None according to provincial mapping

**Building Inspection:** 

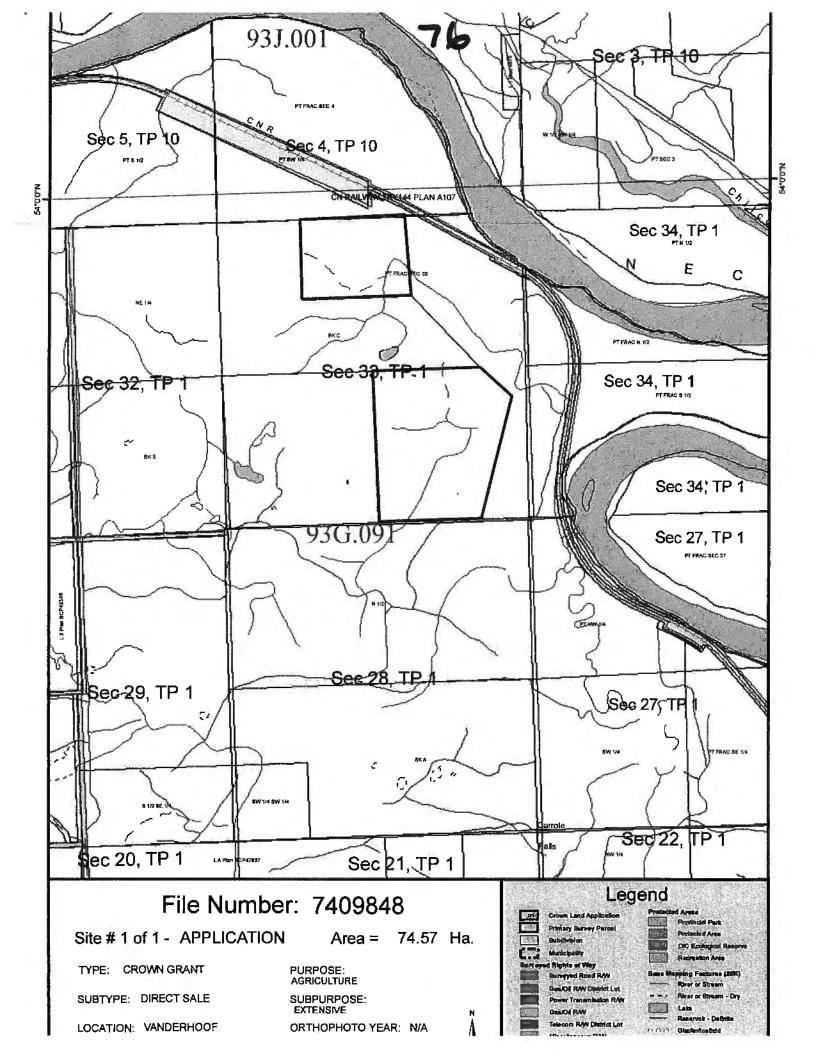
Inside the Building Inspection Area

Fire Protection:

Outside the Rural Fire Protection Area

Other comments:

None



16, 21



# MEMORANDUM

To:

**Rural Directors** 

From:

Marli Bodhi, Planning Technician

Date:

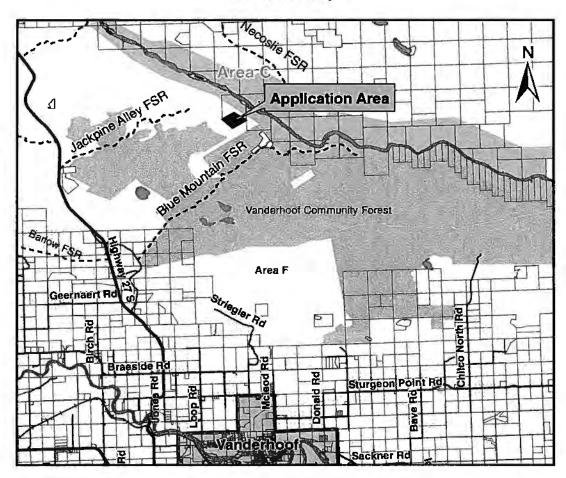
June 1, 2016

Re:

Land Referral File No. 7409818 (Johnson)

This application is regarding a Crown Grant to obtain additional land for extensive agriculture purposes. The subject property is located on unsurveyed crown land and parts of District Lots 2788 and 2789. The application area is approximately 97 ha in size and is located near Kec Creek, approximately 17 kilometres from the District of Vanderhoof.

#### **Location Map**



The intent of this application is to provide additional arable land to their existing farm holdings to allow the applicant to establish fencing, harvest merchantable timber, and clear land for hay/cattle/grazing. The land is currently vacant and forested.

It is noted that the application area is outside of the proposed Vanderhoof Community Forest boundary. The applicant submitted a similar application for a different area in 2015. However, it was denied by the Ministry of Forests due to the conflict of uses between the Community Forest interests and the application.

The application area is not zoned under Regional District of Bulkley Nechako Zoning Bylaw No. 700, 1993.

#### Recommendation

That the attached comment sheet be provided to the Province as the Regional District's comments on Crown land application 7409818.

Rural Directors - All/Directors/Majority

Reviewed by:

Jasph Llewellyn

Director of Planning

Written by:

Marli Bodhi

Planning Technician



# REGIONAL DISTRICT OF BULKLEY-NECHAKO COMMENT SHEET ON CROWN LAND REFERRAL 7409818

Electoral Area:

F

Applicant:

Chad Johnson

Existing Land Use:

Vacant, Forested

Zoning:

Not zoned under Regional District of Bulkley-Nechako Zoning

Bylaw No. 700, 1993.

Plan Deaignation

N/A

**Proposed Use Comply** 

With Zoning:

N/A

If not, why?

Agricultural Land Reserve:

Outside the ALR

Access Highway:

Blue Mountain FSR

Archaeological Site:

None according to provincial mapping

**Building Inspection:** 

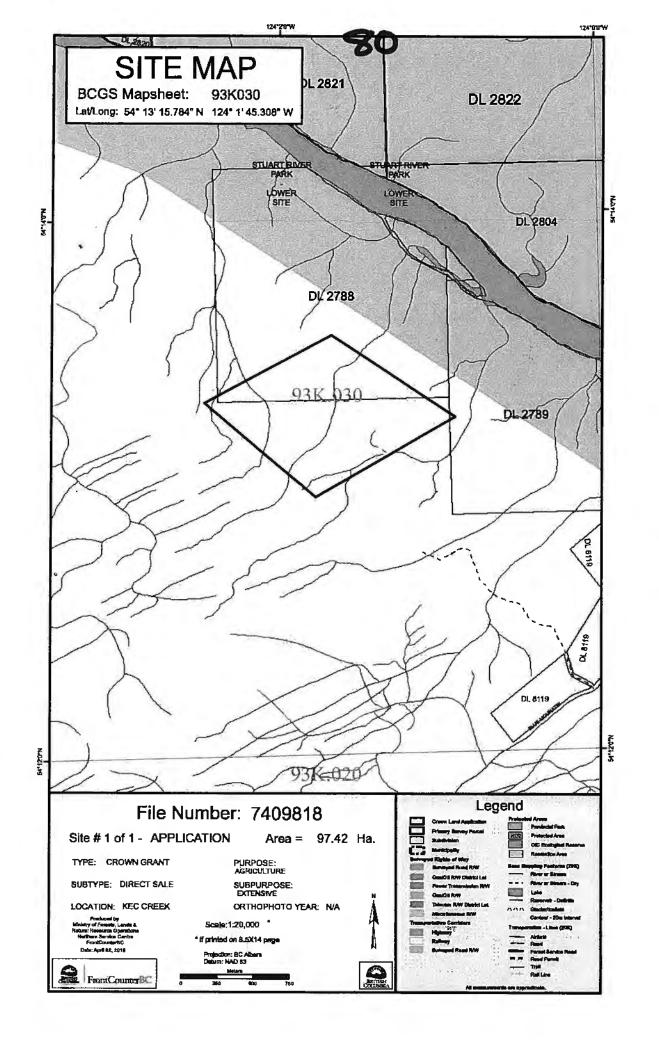
Outside the Building Inspection Area

Fire Protection:

Outside the Rural Fire Protection Area

Other comments:

None





# **MEMORANDUM**

To:

**Rural Directors** 

From:

Jennifer MacIntyre

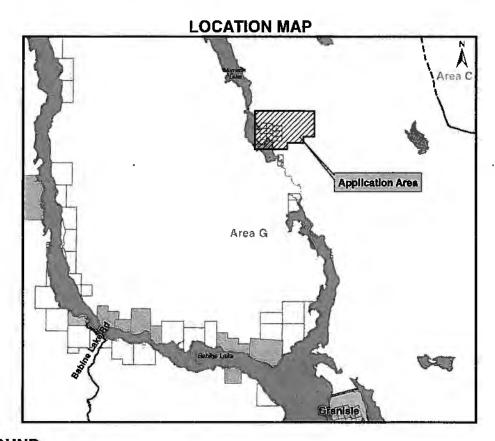
Date:

May 31, 2016

Re:

Mines File No. 13880-03-587

This memo is regarding Mining Lease application no. 13880-03-587 for the Morrison Copper/ Gold Project, located approximately 18 kilometres north of the Village of Granisle on Morrison Lake.



#### **BACKGROUND**

Consideration of this application was deferred at the Rural Directors meeting on April 14, 2016 and staff were asked to send a letter to Pacific Booker Minerals Inc. regarding the impacts to the surrounding water courses and what issues have been raised by the public and other groups.

A letter was sent to Pacific Booker Minerals Inc. and to the Ministry of Energy and Mines on May 3, 2016. The attached response was received from Pacific Booker Minerals Inc. on May 6, 2016.



#### ENVIRONMENTAL IMPACT ASSESSMENT SUMMARY

Mining Projects of this scale are required to go through the BC Environmental Assessment (EA) process under the *Environmental Assessment Act*. The BC EA process provides a mechanism for reviewing major projects to assess their potential adverse environmental, economic and social impacts. The Environmental Assessment Office (EAO) manages the assessment of the proposed major projects in BC.

Morrison Copper/ Gold Project was entered into the EA process in 2005. The proponent successfully completed the EA in 2012. The EAO completed an Environmental Assessment Report in the same year and the application was referred to the Minister of Environment and the Minister of Energy and Mines (Ministers) for decision.

On September 24, 2012, the Ministers decided to refuse to issue an Environmental Assessment Certificate (EAC) for the proposed Project.

On April 3, 2013 the Proponent filed a petition for judicial review in the BC Supreme Court seeking to have the decision of the Ministers set aside.

On December 9, 2013, Justice Affleck defeated the decision of the Ministers not to issue an EAC, and ordered that the matter be remitted to the Ministers for reconsideration with opportunity for submissions from the Proponent and others in response to the 2012 Recommendations of the Executive Director.

Between January and May 2014, EAO received further submissions from the Proponent, First Nations, and members of the Working Group in accordance with the BC Supreme Court's direction on July 4, 2014, referred the Proponent's application in respect of the proposed Project to the Ministers for reconsideration.

On August 4, 2014, a breach of a mine tailings dam occurred at the Mount Polley Mine. This mine design and function are similar to the proposed design for the Morrison Copper/ Gold Project.

On August 18, 2014, the Minister of Energy and Mines announced that he was forming an Independent Expert Engineering Investigation and Review Panel to examine the causes of the dam breach at the Mount Polley Mine and the Ministers desire that any decision on the proposed Project be informed by the results of the Independent Expert Engineering Investigation and Review Panel.

An information bulletin was released on July 7, 2015 noting that the information available does not provide the EAO with a sufficient level of confidence that the mine's design can sufficiently protect the environment. Therefore, the ministers have ordered the proponent to undergo further assessment of the following.

 Additional baseline information of sockeye salmon, hydrological and groundwater data, and mitigation measures to reduce levels of risk to the current mine design.

- Additional analysis of the feasibility and effectiveness of alternatives to the current mine design.
- Additional analysis of whether the mine is likely to have significant adverse effects on the environment.
- Description and analysis of alternative means of undertaking the project with respect to tailings management.
- Further engagement with Lake Babine Nation and other First Nations with respect to their perspectives and opinions about the mine and the potential effects on their Aboriginal Interests.

On December 23, 2015 the proponent submitted the requested information to the EAO which is attached to this document.

Currently Pacific Booker Minerals Inc. is waiting for a decision from the Ministers regarding the Environmental Assessment Certificate (EAC). Therefore, they have withdrawn their lease application at this time until they have received an EAC.

The Province has notified staff that they are not actively considering the mining lease application until an EAC has been issued and that they will inform the Regional District of any future consultation.

Recommendation		710
Receipt		
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Rural Directors - All/Directors/Majority

Reviewed by:

Jason Llewellyn

Director of Planning

Jennifer MacIntyre

Plagner I

Written by



"A WORLD OF OPPORTUNITIES WITHIN OUR REGION"

May 3, 2016

Erik Tornquist Pacific Booker Minerals Inc 1166 Alberni St. Suite 1103 Vancouver, BC V6E 3Z3

Email sent to: info@pacificbooker.com

Sent May 3td.

Dear Mr. Tornquist,

RE: Mines File No. 13880-03-587 Referral

At its meeting of April 14, 2016 the Rural Directors of the Regional District of Bulkley-Nechako asked that this letter be sent. This letter is in relation to the referral that was received regarding Mining Lease, Mines File No. 13880-03-587.

The Regional District of Bulkley-Nechako Rural Directors requests a response to the following questions.

- What kind of impact does the activity have on Morrison Lake and surrounding water courses?
- What issues have been raised by groups such as First Nations, local communities, guides, trappers and local environmental groups?

Thank you for your time and consideration of the above requests. Please feel encouraged to contact me at your convenience should you have any comments or questions.



- C FORT ST. JAMES RURAL
- D FRASER LAKE RURAL
- E FRANCOIS/OOTSA LAKE RURAL
- F VANDERHOOF RURAL
- G HOUSTON RURAL

Sincerely

Jason Llewellyly, Director of Planning

cc:

Rhonda Marshall

Manager, Vancouver Mineral Titles Ministry of Energy and Mines 300-865 Hornby Street, Vancouver, BC V6Z 2G3



# pacific booker minerals inc.

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Fax: (604) 687-5995

email: info@pacificbooker.com

Symbols: bkm-tsx venture / pbmlf-OTC

Website: pacificbooker.com

May 6, 2016

Jason Llewellyn Director Planning Regional District of Bulkley Nechako 37, 3<sup>rd</sup> Ave, PO Box 820 VOJ 1E0

Dear Mr. Llewellyn,

Re: Mines File No. 13880-03-587 Referral

Pacific Booker Minerals (PBM) entered into the Environmental Assessment process in 2005. PBMs Application was prepared by Qualified Professionals in accordance with the Approved Terms of Reference (TOR) which took 43 months to be approved.

Baseline data for the project was collected over the period of 2001 to 2011 according to the approved TOR. The scope of data collection was developed and coordinated with the BC Environmental Assessment Office (EAO).

On August 21, 2012 after a 763 day Review period the EAO completed the Environmental Application Review Stage and submitted their referral documents to the Ministers for decision.

The EAO, with input from a Working Group, First Nations, the public and a Third Party Review, completed a 206 page Environmental Assessment Report (2012) that concluded that with the Company's mitigation plans the Project as proposed does not have the potential for significant adverse effects and that First Nation had been consulted and accommodated appropriately.

The EAO also concluded that the Company adequately and reasonably addressed all the issues raised by the government agencies, First Nations and the public.

The Executive Director of the EAO in his Report (2012) also supported this conclusion that there would be no significant adverse effects from the proposed Project. In addition, his report stated that the EAO determined that there would be no significant residual adverse effects from the proposed Project on water quality and fisheries resources.

The Executive Director's report also stated the position of the Federal Agencies. It summarized that the Canadian Environmental Assessment Agency (CEAA) considers that the issues examined by its agencies have been addressed through project design, mitigation measures and other commitments agreed to by the Proponent. CEAA has produced a draft Comprehensive Study Report that concludes that the proposed Project is not likely to cause significant adverse environmental effects.



The CEAA draft Comprehensive Study Report (2012) concluded that: The environmental effects of the Project have been determined using assessment methods and analytical tools that reflect the current best practices of impact assessment practitioners. As a result of incremental changes to the project design and additional mitigation measures and commitments applied to the Project throughout the comprehensive study process, the Agency concludes that the proposed project can be constructed, operated, maintained, and decommissioned without significant adverse effects, including consideration of cumulative effects. No significant adverse biological, physical, or human health effects are predicted. Any residual effects are predicted to be of low magnitude, moderate duration, localized in geographic extent, and reversible over the long term following decommissioning.

Taking into account the above, including proposed mitigation measures and proponent commitments; the Agency concludes that the Project is not likely to cause significant adverse environmental effects.

PBM also paid the Lake Babine Nation to conduct two Sockeye Spawning surveys on Morrison Lake. The 2011 Sockeye Salmon Spawning report noted that in 2010 the Morrison Lake Sockeye Escapement was unknown and in 2011 numbered 224. PBM also signed a Memorandum of Understanding with the Lake Babine Nation in 2012.

The Morrison Copper/Gold Project is located in a resource development area (not a protected area) within the Morice Land and Resource Management Plan, a component of British Columbia's land use strategy, which supports economic activities such as mining and forestry. It clearly states mining is an encouraged economic activity in the region. The area is crisscrossed with clear-cuts and recently PBM was informed that Canfor is planning to harvest an area that overlaps with one of PBMs mineral tenures.

If approved, the Morrison Copper/Gold Mine would belp provide more than 1,100 jobs during two years of construction, plus 251 direct jobs and another 350 indirect jobs during the 21 years of anticipated operation of the mine. The economic benefits including all Federal and Provincial taxes and the BC Mineral Tax are estimated at \$894.3 million.

Please let me know if I can provide any additional information or reports.

Sincerely,

Erik Tornquist

8. Younguit

COO Pacific Booker Minerals Inc.

Cc: Rhonda Marshall
Manager, Vancouver Mineral Titles
Ministry of Energy and Mines
300-865 Hornby Street
Vancouver, BC V6Z 2G3





## INFORMATION BULLETIN

For Immediate Release 2015ENV0039-001037 July 7, 2015 Ministry of Environment Environmental Assessment Office

#### Morrison Mine must undergo further assessment

VICTORIA – Environment Minister Mary Polak and Energy and Mines Minister Bill Bennett have ordered that Pacific Booker Mineral Inc.'s proposed Morrison copper-gold mine must undergo further assessment.

In making their decision, the ministers have considered a number of matters they consider to be in the public interest, including:

- issues of risk and uncertainty associated with fundamental aspects of the mine's design;
- issues of risk and uncertainty associated with the proposed mitigation measures;
- insufficient baseline information about and understanding of the Morrison Lake ecosystem;
- the environmental and other values at stake, particularly those associated with Morrison Lake and its unique population of sockeye salmon; and
- whether there may be other design alternatives and/or mitigation measures that might support a higher level of confidence that significant adverse effects are not likely to result from the mine.

The ministers concluded that the information currently available to them does not provide them with a sufficient level of confidence that the mine's design can sufficiently protect the environment.

The ministers set out the scope of the further assessment, including:

- additional baseline information and analysis regarding:
  - the capacity of Morrison Lake to assimilate treated waste water from the mine. A minimum of one year of new baseline data must be collected;
  - sockeye salmon use of Morrison Lake, Upper and Lower Tahlo Creek and the Morrison River;
  - hydrogeological and groundwater data for areas between the mine and Morrison Lake; and
  - instream flow requirements for the Morrison River;
- additional analysis of the feasibility and effectiveness of alternatives to the current mine design and mitigation measures to reduce the levels of risk and uncertainty of potential impacts from the mine;
- additional analysis of whether the mine is likely to have significant adverse effects on the environment;
- a description and assessment of alternative means of undertaking the project with respect to tailings management that:
  - considers technology, siting and water balance;



- presents and compares best practices and best available technologies; and
- provides a clear and transparent evaluation of the factors that supported the selection of the most suitable option; and
- further engagement with Lake Babine Nation and other First Nations with respect to their perspectives and opinions about the mine and the potential effects on their Aboriginal Interests.

Under the terms of the ministers' order, Pacific Booker Minerals has three years to provide the additional information once a supplemental application information requirements document is approved by the Environmental Assessment Office. The ministers' order and their letter to Pacific Booker Minerals explaining the reasons underlying their decision are available here: <a href="http://tinyurl.com/o8uzopw">http://tinyurl.com/o8uzopw</a>

The proposed Morrison mine is located 65 kilometres northeast of Smithers. The project is a conventional open pit mine with a planned extraction rate of about 30,000 tonnes a day and a mine life of 21 years.

#### Media Contact:

Communications
Ministry of Environment
250 953-3834

Connect with the Province of B.C. at: www.gov.bc.ca/connect



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December 23, 2015

Morrison Copper/Gold Project Section 17 Order **Supplemental Application Information Request** 





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#### 1 INTRODUCTION

On July 7, 2015, the Ministry of Energy and Mines (MEM) and the Ministry of Environment (MOE) issued a Section 17 Order to Pacific Booker Minerals (PBM) outlining the requirements for "Scope, Procedures and Methods for a Further Assessment of the Morrison Copper/Gold Project (Proposed Project)". The scope of work requests the collection of additional baseline data, performing additional analysis/studies, and conducting additional consultation with First Nations. Klohn Crippen Berger (KCB) have been supporting PBM in the Environmental Assessment and in the preparations of this document.

PBM met with the Environmental Assessment Office (EAO) on July 21, 2015 and had subsequent meetings with Ministers and Deputy Ministers of the MEM and MOE. The purposes of the meetings were to have preliminary discussions on the potential path forward and to understand the potential expectations of the Regulatory agencies.

A key consideration in development of the Supplemental Application Information Request (5AIR) is clarifying the requirements for baseline data and analyses which are part of an Environmental Assessment (EA), whose main objective is to be able to conclude that there are "no risks of significant adverse effects". Collection of baseline data is a continuum over the life of a mining project, starting in exploration and carrying on with a comprehensive focus during the Environmental Assessment stage and into Permitting, and throughout operations and closure. An important objective during the EA stage is to identify data gaps that could, if not confirmed, lead to a fatal flaw in the project design and the conclusions of the EA.

The EAO Assessment Report (2012) identified 32 conditions as part of the Environmental Assessment Certificate, and some of these are relevant to the main areas of baseline data request in the Section 17 Order. The proponent supported these conditions in recognition that ongoing data collection and analysis is part of good environmental design practice and that such analyses would facilitate support of the permitting process.

The Section 17 Order outlines the scope of further assessment, which identifies areas which have been determined to require further information collection and analysis. The proponent proposes that a series of technical sessions be held with EAO, MOE, MEM and First Nations to assist the proponent in determining the "Scope" for further assessment. These proposed technical sessions will be described in Section 2, of this report, for each of the Section 17 Order areas of interest.



### 2 ADDITIONAL BASELINE INFORMATION REQUIREMENTS

#### 2.1 Background

Baseline data collection for the Project has been carried out over the period of 2001 to 2011 and summaries are included in Appendix I and II. The EAO Assessment Report (2012) identified 32 conditions and some of these are relevant to the main areas of baseline data request in the Section 17 Order. Table 2.1 summarizes the areas of interest, baseline data available, context and the commitments that PBM have made moving into the Permitting and Operation stages. Table 2.2 summarizes key baseline information for Morrison Lake and hydrogeology.

Table 2.1 Summary of Baseline Data Status and Relevant EA (Permitting) Conditions

Section 17 Order Area of Interest	Baseline Data Available	Context	Permitting Stage Conditions <sup>1</sup>	
Lake Modelling:	Fall and spring lake profiles (temperature, pH, electrical conductivity, dissolved oxygen); bathymetry, volumes, flows, limnology.	Lake modeling by Drs. Lawrence and Laval utilized conservative modelling parameters and indicated that predicted water quality will be below BCWQGs.	14. A plan for EAO to collect biological, physical and chemical information from Morrison Lake — and data collected to be utilized to support MOE permitting.	
Salmon Fisheries	Spawning surveys, lake surveys, fisheries, etc.: DFO, Shortreed, Skeena Fisheries, Bustard, Rescan, KCB, Lake Babine Nation.	Extensive work and knowledge of the salmon is available starting with the hatchery (1907). There are no water quality effects of salmon. Limited spawning habitat in Morrison Lake. Appendix IV of the EAO Decision Response summarizes the Morrison Lake baseline data status.	17. Spawning surveys in Morrison Lake and Morrison River. 18. With LBN, measure sockeye escapement and enumerate juvenile sockeye in Morrison Lake. 22. With LBN, monitor fish tissue in resident and anadromous fish in Morrison Lake.	
Hydrogeology	74 water level holes.	Comprehensive 3-D Model independently reviewed. Uncertainties in TSF seepage addressed by the liner. Uncertainties in the open pit addressed with the use of conservative upper bound parameters and monitoring.	9. TSF seepage mitigation with liner and monitoring. 10. Open pit seepage mitigation; install groundwater wells between pit and lake.	
Instream Flow Incremental Methodology (IFIM) effects on Morrison Lake and Morrison River	Baseline flow data on Morrison River.	Effects on Morrison Lake predicted to be negligible. Potential effects on Morrison River addressed with a 6 inch diameter pipeline from Babine Lake for low flow augmentation in late winter. Low flow conditions do not apply during the spawning season.	15. A plan for DFO to collect data from Morrison River and an IFIM assessment and mitigation plan for operations.	

<sup>&</sup>lt;sup>1</sup> EAO Assessment Report – Appendix B Table of Conditions



The additional baseline data and technical analyses that will be carried out for permitting and operations will enhance and optimize the environmental design and management plans for the project. The data requirements are not considered necessary to fill in "fatal flaw" gaps in knowledge.

Table 2.2 Morrison Lake and Hydrogeology - Key Baseline Data Summary

Baseline Type	Parameter	Summary	References
Physical Parameters	Limnology (Depth, DO, temp, pH, Cond, Secchi)	<ul> <li>2004: 2 locations (LS1 and LS2) sampled at surface to 30m. Sampled in July.</li> <li>2006: 2 locations (Lake A-E) sampled at surface to 15m depth. Sampled in September.</li> <li>2008: 5 locations (Lake A-E) sampled at surface to 29m depth. Sampled in July.</li> <li>2010: 5 locations (Lake A-E) sampled at surface to 25m depth. Sampled in October.</li> <li>2011: 5 locations (Lake A-E) sampled at surface to 30m depth. Sampled in January and June.</li> </ul>	<ul> <li>Bustard, 2005</li> <li>Rescan, 2009</li> <li>Rescan, 2008</li> <li>KCB, 2011</li> </ul>
	Bathymetry	<ul> <li>1945: Bathymetric survey map.</li> <li>2008: Bathymetric surveys of Morrison Lake and Booker Lake conducted in August.</li> </ul>	<ul><li>Bustard, 2005</li><li>Rescan, 2008</li></ul>
	Water Quality	<ul> <li>2004: 2 locations (LS1 and LS2) sampled at surface to 30m. Sampled in July.</li> <li>2006: 2 locations (Lake A-E) sampled at surface to 15m depth. Sampled in September.</li> <li>2008: 5 locations (Lake A-E) sampled at surface to 29m depth. Sampled in July.</li> <li>2010: 5 locations (Lake A-E) sampled at surface to 25m depth. Sampled in October. Also sampled at 'Morrison Lake' site in March and September.</li> <li>2011: 5 locations (Lake A-E) sampled at surface to 30m depth. Sampled in January and June.</li> </ul>	<ul> <li>Bustard, 2005</li> <li>Rescan, 2009</li> <li>Rescan, 2008</li> <li>KCB, 2011</li> </ul>
	Lake Inflow / Outflow	<ul> <li>1965 to 1970: Water Survey of Canada (WSC) hydrometric monitoring station on Morrison River, at the outflow of Morrison Lake.</li> <li>2001 to 2011: 8 hydrometric stations sampled from 2001 to 2011 across January to November.</li> </ul>	Rescan, 2009 KCB, 2011
Sockeye Salmon	Fish Surveys	<ul> <li>Numerous studies within Morrison Lake and the inlets/outlets conducted from 1907 (Department of Fisheries and Oceans) to 2012 (DNA Assessment of the Morrison Watershed Sockeye Population 2012).</li> </ul>	- Bustard, 2005
Hydrogeology	Groundwater Levels / Water Quality	<ul> <li>Locations: 22 monitoring locations. 12 wells between proposed pit and Morrison Lake (MW08-03 a/b, MW07-08 a/b, MW07-07 a/b, MW08-01 a/b, MW07-05 a/b, MW07-06 a/b), and 10 wells (between proposed TSF and the Lake MW-077-02 a/b, MW07-01 a/b, DH 06-12, MW07-03 a/b, MW07-04 a/b).</li> <li>Vibrating wire piezometers installed in 13 boreholes.</li> <li>Sampling conducted from 2006 to 2011.</li> <li>Water levels measured in 74 locations used for calibration of the model.</li> </ul>	Rescan, 2009 KCB, 2011
	Hydraulic Conductivity Testing	<ul> <li>Packer tests conducted on wells with falling head tests done to compare with Packer test results.</li> <li>Various geotechnical laboratory testing on geological units.</li> </ul>	Rescan, 2009



#### 2.2 Morrison Lake

"Those features of Morrison Lake which are relevant to its capacity to assimilate mine effluent without long-term negative effect on water quality, including information on currents and flow regimes, current water quality and chemistry, temperature, limnology and lake behaviour (e.g. lake turnover). A minimum of one year of new baseline data must be collected."

Relevant baseline data has been collected from 2004 to 2011 and a summary of these data is included in Table 2.2, and in Appendix I – Table I-1.

In order to address the requested additional information and understand the ecological dynamics of Morrison Lake, it is proposed that a detailed and in depth technical session amongst specialists and working group members be undertaken in the immediate term. Specifically, this Technical Session is proposed to include:

#### Technical Session

- A detailed discussion that involves Dr. Greg Lawrence of the University of BC who is working on behalf of the Proponent, and the Working Group's technical team and the EAO along with their technical expert(s).
- The objective of the technical session will be to jointly communicate concerns and risks with respect to the physical properties of the lake, the conservativeness or limitations of modeling, and the ability of the lake to assimilate mine effluent.
- The process will be focused on identifying potential data gaps that are required to be filled to support and address concerns on the ability of the lake to assimilate mine effluent without long-term negative effects on water quality.
- The proponent seeks clarity from EAO in the definition of "long-term negative effects";
   e.g., is meeting the BC Water Quality Guidelines (BCWQGs) the requirement?

#### 2.3 Sockeye Salmon Use

"Sockeye salmon use of Morrison Lake, Upper and Lower Tahlo Creeks and Morrison River, including those areas used for spawning and rearing"

Baseline data on sockeye salmon use has been collected since 1907 and a summary of data is included in Appendix I – Table I-2.

#### Technical Session

 As with discussions around Morrison Lake, it is proposed that a Technical Session be organized in the near term to assess and address data gaps and objectives of the additional salmon survey.



#### 2.4 Hydrogeology

"Hydrogeology and groundwater data, specifically relating to areas below and between the Tailings Storage Facility and Morrison Lake,"

Relevant baseline data that has been collected from 2008 to 2011 is summarized in Table 2.2, and in Appendix I – Table I-3.

In 2011, the EAO commissioned an Independent 3<sup>rd</sup> Party Review<sup>2</sup> of the hydrogeology and groundwater data. The review identified the risk of potential effects on Morrison Lake water quality due to groundwater flows. The concerns were addressed by the Proponent with: (1) placement of a geomembrane liner under the tailings storage facility to effectively limit seepage; and, (2) use of upper bound permeability values for modeling of the interaction between the open pit and Morrison Lake and for the water balance.

#### Technical Session

- Proposed with Working Group members and specialists retained by EAO to review the hydrogeology and identify any potential data gaps that could lead to a significant adverse effects; and to review and modify proposed mitigation measures.
- Review the hydrogeology and identify any potential data gaps that could lead to a significant adverse effects.
- Review mitigation measures.

## 2.5 Morrison River Instream Flow Requirement

"2.1.1(d) An Instream Flaw Requirement for Morrison River following the Instream Flaw Incremental Methodology including technically feasible options to mitigate any potential water quantity effects to spawning in Morrison River and Morrison Lake."

Baseline data on Morrison River has been collected since 1907 and general Morrison Lake data is summarized in Appendix I.

The potential for flow reduction (on the order of 15 L/s) in Morrison River during the winter low flow, using the upper bound water balance conditions, was identified by the Proponent<sup>3</sup>. PBM also notes that this is part of the Part of Fisheries Authorization. The potential for a low flow effect occurs later in the mine life during upper bound modeling conditions. Mitigation measures are available and include:

1. Pump from Babine Lake; and, does this require an EA along the pipeline route? If so should this be noted?

<sup>&</sup>lt;sup>3</sup> Review Response Report-Rev.2, June 30, 2011



<sup>&</sup>lt;sup>2</sup> Robertson Geoconsultants Ltd., December 2, 2011.

- 2. Store water in a reservoir located near the mine that would discharge into Morrison Lake during the low flow period.
- Technical Session
  - Review water balances for different scenarios and identify any data gaps in quantifying the quantity of water.
  - Review mitigation alternatives of pumping and/or water storage.

#### 3 ADDITIONAL TECHNICAL ANALYSIS

#### 3.1 General

Section 2 of Schedule A of Section 17 Order identifies areas that additional information and analysis is sought. PBM has reviewed these requests and, for record purposes, note that additional technical analysis have been provided in the Environmental Assessment Application and in responses provided by PBM after rejection of the EA; the main elements are summarized in Table 3.1.

Table 3.1 Summary of Section 17 Requests and PBM Status of Technical Analysis Request

SECTION 17 Order No.	INFORMATION REQUEST	PBM STATUS (COMMENTS AND REFERENCE DOCUMENTS)	
Consideration of waste rock disposal options and ARD/ML Policy 2.1.1a		KCB is of the opinion that placement of PAG rock into the TSF is a higher environmental risk than the proposed backfilling of the open pit.  RRR-Rev. 2 <sup>4</sup> : pg 5, 6  RRR-Rev. 2 <sup>4</sup> : pg 5, 6  RRR-Rev. 2 <sup>4</sup> : pg 5, 6  RAC Party Review Report <sup>5</sup> : pg.113-115  EAC Rejection Response <sup>5</sup> – pg. 3-6  EAO Decision Response <sup>7</sup> – pg. 3-9, 21  Response to Working Group <sup>8</sup> – pg. 26, 27	
2.1.1b	Technical options for not using Morrison Lake for dilution	The alternative of using Babine Lake was discussed with EAO and was not deemed appropriate or necessary to assess.	
<b>2.1.1</b> c	Water treatment technologies to treat to BCWQGs	An independent technical expert has advised PBM on water treatment technologies. Technology does not currently exist to treat to BCWQGs  RRR-Rev. 2: pg. 121,122  RRR-Rev. 2: pg. 121,122  Rev. 2: pg. 121,122  Rev. 3 <sup>rd</sup> Party Review Report: pg. 25,26; Appendix III  Rev. 3 <sup>rd</sup> Party Review Response Addendum I: pg. 10,11  RAC Rejection Response – pg. 3-12  Response to Working Group – pg. 6,7	
2.1.1d	Analysis of diffuser and lake mixing	Independent technical assessment and reviews have been carried out for PBN and EAO that has not identified a risk of a significant adverse effect.  RRR-Rev. 2: pg. 145- 157  The air Party Review Report: pg. 90—95, Appendix V  EAC Rejection Response — pg. 3-12  EAO Decision Response — pg. 13-20 & Appendix II  Response to Working Group — pg. 4-17	

<sup>&</sup>lt;sup>4</sup> Review Response Report – Rev. 2, Klohn Crippen Berger, June 30, 2011

<sup>5</sup> Third Party Review Report

<sup>&</sup>lt;sup>6</sup> EAC Rejection Response, Klohn Crippen Berger, October 30, 2012

<sup>&</sup>lt;sup>7</sup> EAO Decision Response Report, Klohn Crippen Berger, March 10, 2014

Response to Final Comments of the Working Group, Klohn Crippen Berger, May 23, 2014

SECTION 17 Order No.	INFORMATION REQUEST	PBM STATUS (COMMENTS AND REFERENCE DOCUMENTS)	
Assessment of risk of adverse effects  2.1.3		The Effects Assessment follows EAO Guidance on Effects Assessment and concludes that the risk of a significant adverse effect has not been identified.  RR-Rev. 2: Chapter 10 & Appendix IV – Effects Assessment  'a and Party Review Report: pg.  EAC Rejection Response – pg. 3-12  EAO Decision Response – pg.  Response to Working Group – pg.4-22  Response on Mt Polley Recommendations – pg. 7, 8 & Appendix I	
2.1.4 to 2.1.7	Alternative means for tailings management	The risks associated with placement of dewatered tailings in wet, cold climates, and the associated costs do not support the application at the Morrison Project. Response on Mt Polley Recommendations  Assessment of "dry stacked" tailings9	

The proponent proposes that a series of technical sessions be held with EAO, MOE, MEM and FN to assist the proponent in determining the "Scope" for further assessment.

#### 3.2 Analysis of Alternative Project Design Components

#### **Alternative Waste Rock Disposal Options**

"2.1.2 (a) Waste rock disposal options, in particular thase which are consistent with provincial policy on management of potentially acid generating rock."

The alternatives available for waste rock disposal include:

- Placement on land up-slope of the open pit;
- 2. Placement into the open pit on closure; and
- 3. Placement in the Tailings Storage Facility (TSF).

The proponent's consultant, Klohn Crippen Berger (KCB), strongly believes that placement of the waste rock in the TSF is contrary to the intent of the Mount Polley's Panel Report which is to reduce the risk of the TSF. Placement of waste rock in the TSF would unnecessarily increase the TSF risk.

The concern with being "consistent with provincial policy on management of potentially acid-generating rock" have been addressed a number of times previously, as noted in Table 3.1.

- Technical session
  - Communication of concerns and identify potential risks.

<sup>&</sup>lt;sup>9</sup> Environmental Assessment Application – Response on Mount Polley Panel Recommendations, Klohn Crippen Berger, March 19, 2015



- Consolidation of previous studies and documentation of supporting details.
- Alternatives will consider: the proposed in-pit disposal, TSF disposal and on-land disposal.

The alternatives assessment considered: physical, geochemical and environmental risk assessment, considering operations and closure, and a cost analysis. The failure modes effects assessment (FMEA) methodology will be used a risk assessment of the alternatives.

#### Alternative Effluent Disposal Options

"2.1.2 (b) Technical options for disposal of mine effluent, in particular those which would not rely on dilution with Morrison Lake as the primary means of mitigation."

The primary means of mitigation is water treatment and dilution with Morrison Lake. The alternatives for effluent disposal include discharge into Babine Lake

- Technical session
  - identify potential technical options

#### Alternative Water Treatment Options

"2.1.2 (c) An analysis of long-term water treatment options with a facus on the ability to treat to meet British Columbia Water Quality Guidelines."

Current technology is not able to treat economically to the BCWQGs. The selected high density sludge water treatment method was selected on the basis of reliability, cost and the ability to meet discharge requirements.

- Technical session
  - identify potential long-term water treatment options that could meet BCWQGs.
  - Assessment and quantification of alternatives considering reliability, effectiveness and cost.

#### Alternative Diffuser Design

"2.1.2 (d) Analysis of the performance of the diffuser, with a particular focus an using inputs and new information gained from 2.1.1."

Design of the diffuser is integrated with the lake mixing model and is normally carried out at the permitting stage. Nonetheless, an assessment of diffuser alternatives and optimization of the diffuser design can be carried out.

- Lake modeling will be carried out using several potential diffuser designs.
- Sensitivity modelling runs will be carried out for varying effectiveness of the diffuser efficiency.





#### 3.3 Assessment of Potential for Significant Adverse Effects

"2.1.3 Additional analysis of whether the proposed Project is likely to have significant effects on the environment using an assessment methodology which takes into account, specifically, the levels of risk, likelihood and uncertainty associated with the existing mine design mitigation measures."

The additional analysis will be based on the failure modes and effects assessment (FMEA) methodology and will comprise workshops and risk assessment.

- A risk assessment will be conducted, which will include:
  - Develop values for quantification of: likelihood (e.g. annual probability), uncertainty (e.g. upper bound); consequence (e.g. effects on water quality, aquatic habitat, fisheries, social, heritage and health);
  - workshop to identify potential events and pathways for effects;
  - assess likelihood, uncertainty and consequences; and
  - risk assessment and risk management plan.

#### 3.4 Alternative Tailings Management Options

- "2.1.4 A description and an assessment of alternative means of undertaking the proposed project with respect options for tailings management that considers technology, siting and water balance."
- "2.1.5 The assessment described in 2.1.4 must present and compare best practices and best available technologies for tailings management far the project, along with aptions for managing water balance to enhances safety and reduce the risk (likelihood and cansequence) of a tailings dam failure during all phases of mine life (construction, operations, closure, post-closure). The assessment must present and compare technically and economically viable engineering solutions that are available to adequately address site conditions, with a particular facus an technical options for siting and designing tailings storage or management facilities which may have fewer potential effects on Morrison Lake."
- "2.1.6 The assessment provided in 2.1.4 must provide a clear and transparent evaluation of the factors that supported the selection of the most suitable options. Factors that will be taken into consideration in the evaluation include safety, technical and financial aspects, and implications for environmental, health, social, heritage and ecanomic values. The assessment must consider these factors in relation to tailings management options in both the shart term and long-term context. Life cycle cost assumptions (construction, operations, closure, post-closure) must be included in the analysis of the options."
- "2.1.7 The analysis described in sections 2.1.4 2.1.6 should demonstrate that the Proponent has considered other options that can address the potential for adverse effects an the factors noted in 2.1.6; for the project design option selected, considered the potential risks



and implications of that option, and have a technically and economically feasible plan to address the potential risks and implications; and has provided a clear and transparent rationale for the selected option(s)."

An assessment of alternative tailings management options was carried out by Klohn Crippen Berger<sup>10</sup> which concluded that dry stack tailings was not technically or economically feasible.

- Technical Session
  - Propose that a Technical Session be organized with representatives of the Proponent and experts from EAO and the Working Group.
  - Present and discuss alternatives for tailings management.
  - Identify gaps in existing assessment and define a comprehensive strategy for addressing those gaps.

 $<sup>^{10}</sup>$  Environmental Assessment Application – Response on Mount Polley Panel Recommendations, Klohn Crippen Berger, March 19, 2015

#### 4 EFFECTS ASSESSMENT REQUIREMENTS

- "2.2 Should a new mine design or mitigations be proposed as a result of the further information gathering, analysis and assessment, an analysis of the potential effects to the environment, social, economic, heritage and health valued components is required, using current EAO assessment methodology."
- PBM will carry out the relevant effects assessment for any new design or mitigation components following the current EAO assessment methodology.



#### 5 FIRST NATION ENGAGEMENT PLAN

- "2.3 The potential adverse effects on Lake Babine Nation, Yekooche First Nation, Gitanyow Nation and Gixstan Nation and their potentially existing abariginal rights, including title (Abariginal Interests), and to the extent appropriate, ways to avoid, mitigate or atherwise accommodate such patential adverse effects, taking into account the applicable legal tests."
- "8.2.1 For the purposes of developing the SAIR, the Proponent must engage with Lake Babine Nation with respect to their perspectives and opinions about the proposed Project and the potential effects of the proposed Project on their Aboriginal Interests."
- "8.2.2 Within timelines established by the Executive Director or delegate, the Proponent must prepare a Lake Babine Nation Engagement Plan that will guide engagement activities during the preparation of the SAIR and the review of the Supplemental Application. The Executive Director or delegate will assess the adequocy of the Engagement Plan activities. The Executive Director or delegate may order additional engagement activities within the prescribed time limits."
- "8.2.3 The Proponent must include in its Application a summary of the engagement with Lake Babine Nation that the Proponent has carried out in relation to the proposed Project, since the issuance of this Order. The summary of engagement must identify issues and concerns raised by Lake Babine Nation with respect to the proposed Project's potential adverse effects including traditional uses and how these issues and concerns are to be addressed."
- "12.1 Where requested by and within any time limits set by the Executive Director or delegate, the Proponent must respond to issues that are identified in comments submitted by First Notions identified in Section 8 of this Order, federal, provincial and local governments agencies and the public which are received during the review of the Supplemental Application, and that the Executive Director or delegate considers to be within the scope of the ossessment."

A Lake Babine Engagement Plan has been prepared and submitted in draft to EAO for comment on December 22, 2015.

In reference to other Aboriginal Group's with interests in the proposed project, the Proponent believes that consultation with Aboriginal representatives should be conducted in the spirit of mutual respect, integrity, and transparency. The Proponent aspires to develop a mutually beneficial relationships with Aboriginal groups and communities for the life of the Project and beyond. The Proponent recognizes that honest and open consultation during the EA process is an important step in establishing that relationship.

Beyond the procedural aspects of consultation that have been delegated to the Proponent, it is the Proponent's intention to continue to proactively engage with Aboriginal Groups regarding any potential adverse effects and potential benefits of the proposed Project. The Proponent hopes that engagement on these topics will strengthen the Proponent's relationship with Aboriginal Groups and

help to better understand and address concerns about potential adverse effects resulting from the development of the Project.

In order to ensure that consultation is conducted in the spirit of mutual respect, integrity, and transparency, the Proponent commits to:

- providing accessible and understandable Project information and discussion opportunities in a timely manner and in a format that suits Aboriginal groups;
- allowing Aboriginal Group members and representatives sufficient time to review Project documents and information; and
- considering and, wherever practicable, incorporating feedback received from Aboriginal Groups, or providing a rationale of why such feedback was not incorporated.

#### **6** SCOPE OF FURTHER ASSESSMENT

"2.4 For greater clarity, the scope of further assessment does not include the existing social, heritage, ecanomic, health or environmental assessments completed by the Proponent and reviewed by EAO, other than those potential effects to thase environmental valued components described in the above sections 2.1.1, 2.1.2, 2.13 and 2.1.4."

The scope of the further assessment will follow the guidance outlined in the Section 17 Order.

# **APPENDIX I**

# **Morrison Lake and Hydrogeology Baseline Data Summary**

Table I-1 Morrison Lake Physical Parameter Baseline Summary

Table I-2 Sockeye Salmon Use Baseline Summary

Table I-3 Hydrogeology Baseline Summary



Section 17 Order - Supplemental Application Information Request Appendix I - Morrison Lake and Hydrogeology Baseline Data Summary

Table I-1 Morrison Lake Physical Parameters Baseline Summary

Date			Study	2. Silverity in the second of
Date	Title	Author	<b>Overview</b>	Comment Street S
1945 to 1948	Various	Fisheries Research Board	Detailed limnology, fish population netting program, and fish diet studies were undertaken in Morrison Lake during the summer period.	
1948	A comparative limnological study of Lakelse and Morrison Lakes, B.C. with a view to assessing the suitability of Morrison Lake for the propagation of sockeye salmon. MS. Thesis. University of BC.	McMahon, Vernon Herbert	Limnological study, water quality, physical environment, sediment, zooplankton, benthic inverts, fish and fish habitat.	Physical, chemical and biological components of Morrison Lake.
1998	Trophic Status and Rearing Capacity of Smaller Nursery Lakes in the Skeena River System	Shortreed et al.	Lake trawl and hydroacoustic surveys.	Lake limnology information was collected at the time of the fish sampling to update previous sampling conducted on a monthly basis in Morrison Lake.
1998	Appendix N - Initial Environmental Studies 1998 prepared by JL Harper	Harper, JL	Provides water quality results from 1997 sampling and identifies future baseline requirements for water quality, fisheries, ARD/ML.	
2005	2004 Fisheries Studies Morrison Watershed	David Bustard and Associates Ltd.	Summarizes background fisheries information available for the Morrison Watershed. It focuses on Morrison Creek, Morrison Lake and its inlet tributaries, with the objective of providing an overview of the fisheries resources of the entire watershed. However, because of the large watershed size and significant amount of background fish information, the report presents more detailed information available for the proposed project area and its immediate vicinity (1:20,000 project map — back envelope).	Two limnology stations were established in the north and southern basins of Morrison Lake (Figure 2). Temperature /oxygen profiles were developed to 30 m depths at these sites. Secchi readings were taken at each site. Water samples were collected at the surface and 25 m depths, and pH and conductivity were measured in the field. Samples were retained for total and dissolved metal and nutrient analyses.  The limnology sites were located in deeper sections of the south and north basins (LS1 and LS2 in Figure 2) of Morrison Lake in mid-July 2004. The thermocline occurred between 4 and 7 m depth (Figure 14). Surface temperatures approached 20°C during the surveys.  Dissolved oxygen levels were between 8 and 10 mg/l throughout the 30 m profile at both sites. Fisheries agencies indicated that the historical bathymetry data for Morrison Lake was adequate (Bustard, 2005).
2008	EA Application Appendix 27 - Aquatics Baseline Report 2008	Rescan	Presents the results of field studies conducted in 2008 on the water quality, sediment quality, as well as the primary and secondary producer communities in the Morrison Copper/Gold Project area. Objectives of the assessment were to determine the baseline conditions (adding to the data previously collected in 2006 and 2007) and characterize limnology and aquatic habitats in the proposed mine receiving environment and along the proposed transmission line route.	The study includes aquatic data for 11 streams and 5 Morrison Lake sites.
2009	Morrison Copper/Gold Project 2008 Hydrology Baseline Report	Rescan	Describe the baseline surface water hydrology of the Project area. Results from on- site monitoring in 2007 and 2008 and an analysis of long-term regional data are presented in this report.	The Water Survey of Canada (WSC) operated a hydrometric monitoring station on Morrison River, at the outflow of Morrison Lake, from 1965 to 1970.
2009	EA Application Appendix 21 - Bathymetry Baseline Report	Rescan	Provides the bathymetry survey results for Morrison and Booker Lakes.	Bathymetric surveys of Morrison and Booker Lakes were conducted between August 14 and 18, 2008.
2009	EA Application Appendix 26 - Aquatics Baseline Report 2006-2007	Rescan	This report presents the 2006/2007 aquatics baseline study for Pacific Booker Minerals Inc. (PBM).	The study includes aquatic data for 10 streams, 4 ponds, Morrison Creek and Morrison and Booker Lakes. Basic physical Limnological parameters were measured at two lake sites (Booker Lake and Ore Pond) and three pond sites (ponds X, Y, and Z), in 2006 and 2007.
2010	Morrison Copper/Gold Project: 2009 Fish and Fish Habitat and Aquatic Resources Report	Rescan	Water quality sampling at five sites on Morrison Lake, at multiple depths (surface, thermocline and bottom). A depth profile including in situ measurements of temperature profiles to confirm stratification, pH, dissolved oxygen, total dissolved solids, conductivity and oxidation reduction potential was conducted.	Aquatic resources data included sediment, benthos, benthic invertebrate and plankton, and periphyton.

Section 17 Order - Supplemental Application Information Request Appendix I - Morrison Lake and Hydrogeology Baseline Data Summary

			Study	
Date	Title	Author	Overview	Comment
2011	EAC Review Response Report - Rev. 2	ксв	Appendix I summarises Baseline Data for water quality (2004-2011), trip reports, and snow pack survey. Summarises the Morrison/Nakinilerak Lake Water Quality Baseline Sampling Report January 10 – 26, 2011.	Site sampled for water quality/depth/sediment/flow/habitat//benthics/fish/fish tissue from 2004-2011: Stream 1 (MCS-1), Morrison River (Creek), Stream 4 (MSC 4), Unnamed Stream, (670947, 6117813;67782, 6118194;67838, 6118222;669856, 6119197), (Rescan 2009), 5tream 5 (MCS-5), , Stream 6 (MSC-6), Stream 26 (discontinued), Stream 475000 (668583 6121074), Stream 50000-48010, Lower 7 (MSC-7), Stream 8 (MCS-8).
<b>201</b> 0	Morrison Copper/Gold Project July 2010 Field Program	КСВ	Provides overview of field program looking at potential fish habitat compensation areas, confirm fish presence in the tailings storage facility area and to check meteorological station. Water quality sample from Stream 10. Dive survey of pond in proposed TSF area to confirm absence of fish. Snorkel surveys in streams, ponds and lakes to identify compensation locations.	
2011	Morrison Copper/Gold Project June 2010 Field Trip Report	ксв	Provides overview of field investigations conducted by KCB to check for fish presence in Olympic Lake; conduct stream habitat assessments; collect water quality samples from the cubes and barrels; and, check the meteorological station. Water quality and flow measurements at MCS-5, 6, 7. Stream habitat observations made at MCS-4, 5, 6, 7, 10.	Quarterly water quality sampling program and in-situ water quality depth profile survey of Morrison Lake including average depth, Secchi Depth, Surface Temperature, Temperature at depth, pH, Specific Conductivity, Total Dissolved Solids, Salinity.
2011	Morrison Copper/Gold Project Spring 2011 Field Trip Reports	КСВ	Overview of field program from May 31 to June 9, 2011. Purpose to capture spring freshet and lake turn-over in Morrison and Nakinilerak Lakes.	Morrison Lake was sampled for water quality and depth profiling on June 1, 2011 and June 2, 2011. Water quality samples were collected from five locations on the lake from the surface and deep (range 15 m to 30 m). A third set of samples were collected from mid-depth (proposed diffuser location). Vertical profile constructed at each site on Morrison Lake. Physical parameters collected included temperature, pH, specific conductance, dissolved oxygen (% and mg/l), total dissolved solids (TDS) and oxygen reducing potential (ORP).
2011	Metals concentrations in fish from Morrison and Babine Lakes.	Tamblyn, Greg (MOE EPD)	Baseline concentrations of metals in lake trout (Salvelinus namaycush) muscle and liver tissue in Morrison Lake.	Results similar to Bustard 2005 and Rescan 2009.
2011	The Sockeye salmon (Oncorhynchis nerka) of Morrison and Tahlo Lakes British Columbia, and their Importance to the Salmon Fisheries of the Skeena Watershed	Allen Gottesfeld, Davide Latremouille (Skeena Fisheries Commission)	BC Ministry of Environment FISS database reviewed by Gottesfeld et al., 2011. Sockeye Morrison & Tahlo Lakes SFC 2011.	Morrison Lake is dimictic with waters that mix from top to bottom during two mixing periods each year.
2012	Morrison Copper/Gold Project: PBM Third Party Review Response Report.	КСВ	Appendix VI presents the Baseline Water Quality for Morrison lake Morrison Lake Mine Area Groundwater.	Water quality samples taken between 2006 to 2010. Samples for water quality/lake physical parameters collected at 26 locations including lake surface and depth.

Table I-2 Sockeye Salmon Use Baseline Summary

Deta			Study	
Date	Title	Author	Overview	Comment
1907 to 1936	Various	Department of Fisheries and Oceans	Sockeye spawning hatchery data from 1907 to 1938. Eggs were obtained primarily from Morrison Creek and supplemented intermittently with eggs obtained from the Babine, Fulton and Morrison Rivers; Pierre, Pinkut, Tachek and Tahlo Creeks; as well as from the Stuart Lake hatchery.	In 1928 eggs and fry from Stuart Lake Hatchery transferred to Tahlo Creek and Morrison Lake.
1930 to present	Various	Department of Fisheries and Oceans	Estimates of annual salmon escapements into Morrison River and Tahlo Creeks based on a combination of aerial and ground surveys.	
1945 to 1948	Various	Fisheries Research Board	Detailed limnology, fish population netting program, and fish diet studies were undertaken in Morrison Lake during the summer period.	Kokanee represented 11% of the overall catch reported during the 1946-1947 netting program.
1948	A comparative limnological study of Lakelse and Morrison lakes, B.C. with a view to assessing the suitability of Morrison Lake for the propagation of sockeye salmon. MS.  Thesis. University of BC.	McMahon, Vernon Herbert	Limnological study, water quality, physical environment, sediment, zooplankton, benthic inverts, fish and fish habitat.	Physical, chemical and biological components of Morrison Lake.
1952	Skeena River sockeye escapement and distribution	Brett, J.R	J. Fish. Res. Board Canada 8:453 - 468.	
1972	Migration of yearling sockeye salmon (Oncorhynchus nerka) as determined by time-lapse photography of sonar Observations.	Groot, C	Research study on Morrison sockeye smolt migration associated with enhancement of sockeye salmon. J. Fish. Res. Board Can.29:1431-1444.	Morrison Lake provides high-quality rearing habitat for juvenile sockeye.
1981	Addendum Appendix Q - 1981 Fish Invent Streams Morrison Lake	Hatlevik, S.P. (BC Fish and Wildlife Branch)	Provides inventory of 11 streams within the Morrison Lake region; 8 streams provide good rearing habitat for coho and/or rainbow trout, 1 stream is utilized by spawning sockeye salmon, Morrison River and Tahlo Creek provide excellent spawning habitat for sockeye, coho, pink and rainbow.	
1998	Trophic Status and Rearing Capacity of Smaller Nursery Lakes in the Skeena River System	Shortreed et al.	Lake trawl and hydroacoustic surveys.	Sockeye fry dominated the trawl catches in Morrison Lake. Canadian Technical Report of Fisheries and Aquatic Sciences 2240. 78 pp.
2001	Factors Limiting Juvenile Sockeye Production and Enhancement Potential for Selected B.C. Nursery Lakes	Shortreed et al.	Factors limiting juvenile sockeye production.	Spawning ground capacity is limited in this system and is likely not sufficient for the predicted optimum escapement.
2003	Reconnaissance (1:20,000) Fish and Fish Habitat Inventory in the Tochcha Lake Watershed and Select Tributaries to Babine Lake	Triton Environmental Consultants	Identifies known fish species occurring in Babine and its tributaries in the Morice Timber Supply Area (TSA). The inventory provides information regarding the characteristics, the distribution and the relative abundance of fish species, as well as information on biophysical lake and stream data. This information can be used for the interpretation of habitat sensitivity and fish production capability.	Morrison Creek - average of 8,900 annual escapement during the 1990's. This stream is also used by coho (263 average during 1990's), and pink (<100 fish) during high escapement years. Babine rainbow trout do not appear to spawn in Morrison Creek itself, but do use unnamed tributaries to Morrison Creek for spawning, as do coho.  Talho Creek — This system is the largest tributary to Morrison Lake. A significant population of non-enhanced sockeye spawn here (average run 4,400 during the 1990's). The Upper Tahlo stock has been identified as being at high risk of extinction (Morrell 2000). It also receives some use by coho (FOC 2001).
2004	Stock status and Lake based relationships for wild Skeena River sockeye salmon.	Cox-Rogers, S., J.M.B. Hume and K.S. Shortreed.	Canadian Science Advisory Secretariat Research Document 2004/10.	
2005	2004 Fisheries Studies Morrison Watershed	David Bustard and Associates Ltd.	Summarizes background fisheries information available for the Morrison Watershed. It focuses on Morrison Creek, Morrison Lake and its inlet tributaries, with the objective of providing an overview of the fisheries resources of the entire watershed. However, because of the large watershed size and significant amount of background fish information, the report presents more detailed information available for the proposed project area and its immediate vicinity (1:20,000 project map – back envelope).	Morrison Lake shoreline spawning surveys, limnology survey, fish community lake survey.  Provides available fisheries background information - sockeye, coho, pink, chinook, kokanee salmon, rainbow trout, cutthroat trout, char species, burbot, and whitefish - presents distribution and abundance, spawning, migration for Morrison watershed. Also presents status of fish information specific to PBM project area - Creeks 07100, 20000, 23700, 25500, 29000, 44800, 53400, Morrison Lake, and Morrison creek and tributary 10000. Sockeye spawned along the Morrison Lake shoreline immediately south of Creek 44800 with a total Morrison River sockeye run in 2004 of 13,000 fish. Number of sockeye spawners observed in Morrison Lake 150.



Appendix I - Morrison Lake and Hydrogeology Baseline Data Summary

			Study	
Date	Title	Author	Overview	Comment
2008	EA Application Appendix 27 - Aquatics Baseline Report 2008	Rescan	Presents the results of field studies conducted in 2008 on the water quality, sediment quality, as well as the primary and secondary producer communities in the Morrison Copper/Gold Project area. Objectives of the assessment were to determine the baseline conditions (adding to the data previously collected in 2006 and 2007) and characterize limnology and aquatic habitats in the proposed mine receiving environment and along the proposed transmission line route.	,
2009	Morrison Copper/Gold Project Fisheries Baseline Report (2006-2008)	Rescan	Fish community survey in Morrison Lake species presence, length and weight measurements, condition factors, metals analysis, length-frequency distributions, and catch per unit effort. Shoreline habitat and spawning surveys. Detailed bathymetric surveys.	Sockeye spawn in the Morrison Lake outlet to Morrison River, immediately south of the mouth of stream #44800, and extensively throughout the Morrison River down to Lake Babine from August to mid-October.  Productive high-quality lake trout spawning sites occur in the northern basin of Morrison Lake.
2010	Morrison Copper/Gold Project: 2009 Fish and Fish Habitat and Aquatic Resources Report	Rescan	Water quality sampling at five sites on Morrison Lake, at multiple depths (surface, thermocline and bottom). A depth profile including in situ measurements of temperature profiles to confirm stratification, pH, dissolved oxygen, total dissolved solids, conductivity and oxidation reduction potential was conducted.	Aquatic resources data included sediment, benthos, benthic invertebrate and plankton, and periphyton.
2010	Salmon Spawning Report 2010 Morrison Watershed	Alana Dickson (Lake Babine Nation)	Morrison Lake shoreline spawning surveys with a focus on sockeye salmon.	Sockeye spawn in the Morrison Lake outlet to Morrison River, and immediately south of the mouth of stream #44800. Number of sockeye spawners observed in Morrison Lake unknown.
2010	Morrison Copper/Gold Project July 2010 Field Program	ксв	Provides overview of field program looking at potential fish habitat compensation areas, confirm fish presence in the tailings storage facility area and to check meteorological station. Water quality sample from Stream 10. Dive survey of pond in proposed TSF area to confirm absence of fish. Snorkel surveys in streams, ponds and lakes to identify compensation locations.	
2011	Salmon Spawning Report 2010 Morrison Watershed	Alana Dickson (Lake Babine Nation)	Morrison Lake shoreline spawning surveys with a focus on sockeye salmon.	In 2011 the sockeye populations of the Morrison Watershed experienced a relatively abundant return, however, the total number of sockeye spawners observed in Morrison Lake totaled 224.
2011	The Sockeye salmon (Oncorhynchis nerka) of Morrison and Tahlo Lakes British Columbia, and their Importance to the Salmon Fisheries of the Skeena Watershed	Allen Gottesfeld, Davide Latremouille (Skeena Fisheries Commission)	Sockeye Morrison & Tahlo Lakes SFC 2011.	Morrison Lake is dimctic with waters that mix from top to bottom during two mixing periods each year.
2011	Fish Habitat Compensation Plan	КСВ	Additional data collected is included in Appendix I – Baseline Data and in the (March 2011.	
2011	Morrison Copper/Gold Project Spring 2011 Field Trip Reports	ксв	Overview of field program from May 31 to June 9, 2011. Purpose to capture spring freshet and lake turn-over in Morrison and Nakinilerak lakes. Water quality samples from 5 locations. Eight streams were samples for water quality and flow. Ten groundwater wells were sampled. Shoreline habitat and spawning surveys, depth profiling and in situ measurements of temperature profiles to confirm stratification, pH, dissolved oxygen, total dissolved solids, conductivity and oxidation reduction potential was conducted.	Sockeye spawn in the Morrison Lake outlet to Morrison River, and immediately south of the mouth of stream #44800.  Water sampling included sampling during freshet (Ice-Off) which confirmed that the Lake turns over.
2011	Metals concentrations in fish from Morrison and Babine lakes.	Tamblyn, Greg (MOE EPD)	Baseline concentrations of metals in lake trout (Salvelinus namaycush) muscle and liver tissue in Morrison Lake.	Results similar to Bustard 2005 and Rescan 2009.
2012	DNA Assessment of the Morrison Watershed Sockeye Population 2012	Alana Dickson	Samples from 132 sockeye from the Lower Tahlo Creek population, 132 sockeye from the Morrison Lake population and 125 sockeye from the Morrison Creek population were collected in the fall of 2012 from adults in their spawning grounds. No samples were obtained from the Upper Tahlo sockeye spawners. Samples were sent to the Molecular Genetics Laboratory at the Pacific Biological Station (Nanaimo, British Columbia) where allelic variation was analysed at 14 microsatellite loci.	

Table I-3 Hydrogeology Baseline Summary

n			Study	
Date	Title	Author	Overview	g Comment
2006	2006 Open Pit Geotechnical Investigations	Knight Piesold Consulting	Geotechnical investigation program consisted of oriented drill holes, piezometer installation and laboratory testing. All fieldwork was completed between January to February 2006.	Seven oriented core drill holes were completed during this time period. In addition to detailed geotechnical logging, core sample collection and packer permeability tests were completed on these drill holes. Laboratory test work on selected rock samples included point load tests (PLT), unconfined compressive strength (UCS) testing and direct shear tests. Piezometers were installed in selected geotechnical drill holes for groundwater level and field permeability measurements.
2007	2010 Open Pit Site Investigation - Rev. 0	КСВ	Summary of the data collected during the field drilling, carried out between January 12 and February 4, 2010 and from April 5 to April 19, 2010.	Single packer hydraulic conductivity testing was undertaken in drill holes DH-10-2, DH-10-4, DH-10-6, DH-10-8, DH-10-9, DH-10-10 and DH-10-12. Falling head tests were done in two completed open holes to compare with Packer test results.
2009	Morrison Copper/Gold Project Groundwater Baselin <b>e 20</b> 08	Rescan	Hydrogeology site investigation from 2007 and 2008 field seasons. Includes 22 monitoring wells. Packer testing of subsurface materials (1-3 tests per hole). Water level seasonal variation. Sampled for water quality seasonal variation.	Packer testing: Low conductivity till overlying higher conductivity fractured bedrock. Fracturing in bedrock becomes less dense with depth and conductivity tends to decrease. Overburden hydraulic conductivity ranges from 4.70 x 10 <sup>-11</sup> to 1.40 x 10 <sup>-5</sup> m/s. Bedrock hydraulic conductivity ranges from 8.10 x 10 <sup>-12</sup> to 1.23 x 10 <sup>-5</sup> m/s.  Water levels: Groundwater flow from east of site towards Morrison Lake. Artesian conditions noted at lower elevations.  Water quality: Testing – general, total metals, dissolved metals, nutrients, total organic carbon.  Parameters that exceed BCWQG for drinking water: hardness, colour, conductivity, pH, TDS, turbidity, fluoride, sulfate, TOC, dissolved Al, total Sb, total As, total Ba, total Cd, total Cr, total Cu, total Fe, total Pb, total Mn, total Hg, total Na, total U. Parameters that exceed BCWQG for FAL: fluoride, sulfate, nitrite, diss Al, tot Sb, tot As, tot Cd, tot Cr, tot Cu, tot Fe, diss Fe, tot Mn, tot Hg, tot Ni, tot Se, tot Ag, tot Th, tot Ti, tot Zn.
2009	Morrison Copper/Gold Project Hydrogeology Baseline	Rescan	Characterizes groundwater quantity and quality by installing shallow and deep groundwater monitoring wells across the Morrison property.	The study primarily involved drilling 22 boreholes with either overburden drilling equipment or diamond drilling equipment; installation of 22 monitoring wells; hydraulic conductivity testing of the subsurface materials; monitoring seasonal variation of water levels; and monitoring seasonal variation in groundwater quality. This report presents data from the 2007 and 2008 field seasons, and also serves to characterize the baseline hydrogeological conditions on the Morrison property.
2010	Morrison Lake Surface/Groundwater Baseline Monitoring Report	КСВ	Overview of Morrison Lake Surface/Groundwater Baseline Monitoring conducted from October 19 – 25, 2010.	Groundwater samples were collected from 21 of the 25 wells (see sampling results Appendix II) using Watera, bailer, or electric pump sample collection methodologies. All groundwater well sites were visited by NB and the LBN team. Most sites were accessed by hiking and/or a 4-wheeler.
2011	Morrison Copper/Gold Project Spring 2011 Field Trip Reports	ксв	Overview of field program from May 31 to June 9, 2011. Purpose to capture spring freshet and lake turn-over in Morrison and Nakinilerak Lakes.	Twelve groundwater wells were selected to be sampled, all but two wells (MW07-07A and MW07-05B) were sampled for water quality and water level. Appendix II of report contains lab reports but results were not compared to WQGs.
2011	EAC Review Response Report – Rev. 2	KCB	Appendix I summarises Baseline Data for water quality (2004-2011) and trip reports.	



# **APPENDIX II**

# **Morrison Lake Baseline Review and Temporal Data Plots**

Morrison Lake Summary<sup>11</sup> (KCB-2012) Morrison Lake Temporal Data Summary<sup>12</sup>

<sup>&</sup>lt;sup>12</sup> Review Response Report, Rev-2, Appendix I, Klohn Crippen Berger, June 2011



<sup>&</sup>lt;sup>11</sup> EAC Application, EAO Decision Response, Appendix IV, Klohn Crippen Berger, March 2014



Section 17 Order Supplemental Application Information Request

**Morrison Lake Summary (KCB-2012)** 







December 10, 2012

Pacific Booker Minerals 1702 – 1166 Alberni Street Vancouver, British Columbia V6E 3Z3

Erik Tornquist
Executive VP and COO

Dear Mr. Erik Tornquist:

Morrison Project
Morrison Lake Summary

#### 1 INTRODUCTION AND SUMMARY

This letter summarizes the studies and data that have been carried out on Morrison Lake since the early 1900's, and includes the studies that have been carried out by Pacific Booker Minerals over the period of 2003 to 2012. The summary is focused on the lake and does not include the associated studies on the aquatic and environmental aspects of the tributary streams and Nakinilerak Lake, that have also been carried out in support of the Environmental Assessment.

Morrison Lake has a surface area of 13 km<sup>2</sup>, has a mean depth of 21 m and a maximum depth of 60 m. Morrison Lake drains via the Morrison River into the Morrison Arm of Babine Lake. Fish species composition in Morrison Lake include rainbow trout, cutthroat trout, kokanee, sockeye salmon, coho salmon, chinook salmon, lake trout, lake whitefish, mountain whitefish, longnose sucker, largescale sucker, northern pikeminnow, burbot, peamouth chub, redside shiner, and prickly sculpin.

Lake trout and lake whitefish are the predominant fish species within Morrison Lake and high-value lake trout spawning areas are prevalent within the north basin. Morrison sockeye salmon spawn in both the inlet and outlet of Morrison Lake (Tahlo Creek and the Morrison River). Sockeye spawning within Morrison Lake has only been observed in one short location around the approximately 48 km shoreline of the lake. While Morrison Lake provides good physical habitat for juvenile sockeye the lake is nutrient limited (oligotrophic) with negligible shoreline spawning habitat. The results of at least five shoreline spawning surveys indicate that in the order of less than 300 sockeye salmon spawn in Morrison Lake each year.

Rainbow trout from Morrison Lake utilize tributary streams up to impassable barriers for spawning and juvenile rearing. In addition, small populations of lake resident cutthroat trout are present within Morrison Lake and utilize lower Tahlo Creek for spawning. Burbot comprise less than 2% of the fish community while small-bodied in Morrison Lake are dominated by northern pike minnow, prickly sculpin, and redside shiner.

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# 2 HISTORICAL FISH AND FISH HABITAT INFORMATION AVAILABLE

The following historical fisheries information is available for Morrison Lake and a summary of key information is included in Table 2.1:

- Sockeye spawning hatchery data from 1907 to 1938. Eggs were collected from Morrison Creek sockeye, incubated in a hatchery at the Morrison Lake outlet. Fry were released into Morrison Lake.
- The Department of Fisheries and Oceans annual salmon escapements into Morrison and Tahlo Creeks since approximately 1930. These estimates represent a combination of aerial and ground surveys.
- Detailed limnology and fish diet studies were undertaken in Morrison Lake during the summer period from 1945 to 1948.
- sockeye smolt migration information for Morrison Lake is described by Groot (1972) from early studies conducted in association with enhancement of sockeye salmon.
- Fisheries information on experimental outplantings of coho fry into Morrison Lake were undertaken between 2001 and 2003 in response to the collapse of upper Skeena coho stocks during the mid-1990's.

Table 2.1 Summary of Fish and Fish Habitat and Lake Studies for Morrison Lake

		Fisheries Study	
	Author	Description	Comment
1907 to 1938	Department of Fisheries and Oceans	Sockeye spawning hatchery data from 1907 to 1938. Eggs were collected from Morrison Creek sockeye, incubated in a hatchery at the Morrison Lake outlet. Fry were released into Morrison Lake.	
1930	Department of Fisheries and Oceans	Estimates of annual salmon escepements into Morrison and Tahlo Creeks based on a combination of aerial and ground surveys	
19445 to 1948	Fisheries Research Board	Detailed limnology, fish population netting program, and fish diet studies were undertaken in Morrison Lake during the summer period.	Kokanes represented 11% of the overall catch reported during the 1946-1947 netting program.
1972	Grapt	Research study on Morrison sockeye smolt migration associated with enhancement of sockeye salmon	Morrison Lake provides high-quality rearing habitat for Juvenile sockeye.
1998	Shortread et. al	Lake trawl and hydroacoustic surveys,	Sockeye fry dominated the trawl catches in Morrison Lake
1995	Shortreed et. al	Limnology survey and nutrient capacity study.	Morrison Lake provides high-quality habitat for xockeys salmon fry although fry densities are low due t limited spawning areas.
2008	Rascan	Bathymetry Surveys of Morrison Lake.	
2004	Bustard	Morrison Lake shoreline spawning surveys, limnology survey, fish community lake survey.	Followed RISC standards for lake survey; Lake trout and mountain whitefish together comprised approximately 50% of the survey catch; Sockeye spawned along the Morrison Lake shoreline immediately south of Creek 44800 with a total Morrison River sockeye run in 2004 of 13,000 fish,
2006 to 2008	Réscan	Fish community survey in Morrison Lake species presence, length and weight measurements, condition factors, length-frequency distributions, and catch per unit effort.  Shoreline habitat and spawning surveys.  Detailed bathymetric surveys.	Sockeys spawn in the Morrison Lake outlet to Morrison River, immediately south of the mouth of stream 844800, and extensively throughout the Morrison River down to Lake Babline from August to mid-October.  Productive high-quality lake trout spawning sites occur in the porthern basin of Morrison Lake.
2010	Lake Bebine Nation	Morrison Laba shoreline spawning surveys with a focus on sockeye salmon	Sockeye spawn in the Morrison Lake putlet to Morrison River, and immediately south of the mouth of stream #44800.
2011	Lake Babine Nation	Morrison Laka shoreline spawning surveys with a focus on sockaya salmon	In 2011 the sockeye populations of the Morrison Watershed experienced a relatively abundant return however, the total number of Sockeye spawners observed in Morrison Lake totaled 224
2010 to 2011	KCB	Shorelina habitat and spawning surveys, depth profiling and in situ measurements of temporature profiles to confirm stratification, pit, dissolved oxygen, total dissolved solids, conductivity and oxidation reduction potential was conducted. Water sampling included sampling iduring freshet (Ice-Off) which confirmed that the Lake turns over	Sockaya spawn in the Morrison Lake outlet to Morrison River, and immediately south of the mouth of stream #44800.





#### 3 1995 MORRISON LAKE FISHERIES INFORMATION SUMMARY

A baseline limnology, plankton, and fish community survey was conducted by Shortreed et al. (1998) to assess sockeye fry rearing in Morrison Lake.

# 3.1 Summary of Results

- Morrison Lake provided high-quality physical habitat for sockeye salmon fry.
- Nutrient concentrations and phytoplankton biomass place Morrison Lake in the upper range of oligotrophy.
- The zooplankton community was dominated by copepods, with the calanoid copepod (Epischura sp.) the most important food item for juvenile sockeye.
- Age 0 fall sockeye fry were relatively large, indicating an adequate food resource in Morrison Lake at present fish densities.
- Sockeye densities were low due to limited spawning ground capacity.
- To increase fry recruitment, the author suggests improvements to spawning grounds (i.e., removal of beaver dams) and/or supplementing native sockeye stocks with fry outplants.

## 4 2004 MORRISON LAKE FISHERIES INFORMATION SUMMARY

Fisheries background studies for Morrison Lake were conducted by Bustard in 2004. Work completed in Morrison Lake during the assessment included:

- Morrison lake shoreline spawning studies for kokanee and sockeye salmon at eight Morrison Lake locations, as well as within Tahlo Creek and Morrison River;
- Morrison Lake fish population survey including descriptive statistics (length, weight, sex, maturity for all captured species), and fish ageing analysis;
- baseline fish tissue metals analysis program;
- fish health assessment following fish health assessment procedures outlined in Environment Canada (2002); and
- shoreline survey, updated limnology study, and bathymetry analysis.

# 4.1 Summary of Fisheries Data Results

- Morrison Lake fish species included lake whitefish, northern pikeminnow, kokanee salmon, sockeye salmon, peamouth chub, lake trout, rainbow trout, mountain whitefish, longnose and largescale sucker, burbot, cutthroat trout, coho salmon, and redside shiner.
- Lake trout and mountain whitefish together comprised approximately 50% of the survey catch.



- Adult and juvenile rainbow trout occupied accessible portions of Morrison Lake tributary streams.
- Rainbow trout were a small component of the overall fish population in Morrison Lake.
- Juvenile coho occupied several Morrison Lake tributary streams below natural fish barriers (many temporary and permanent barriers to upstream fish migration exist in the form of beaver dams and waterfalls).
- Adult sockeye and coho spawned in lower Tahlo Creek, the Tahlo Creek beach mouth to Morrison Lake, and the Morrison Lake beach outlet. Also, depending on the year and stream flow, sockeye and coho spawned in one or more additional Morrison Lake tributary streams below natural fish barriers.
- Sockeye spawned along the Morrison Lake shoreline immediately south of Creek 44800 with a total Morrison River sockeye run in 2004 of 13,000 fish.
- Fish metal tissue analysis results showed elevated copper and zinc levels compared to uncontaminated lakes in BC.
- Mercury levels in lake trout samples from Morrison Lake showed elevated concentrations of mercury.

## 5 2006-2008 MORRISON LAKE FISHERIES INFORMATION SUMMARY

Work completed on Morrison Lake during the 2006-2008 Morrison Baseline Fisheries Assessment included:

- fish habitat and water quality assessments of Morrison Lake inlets/outlets, and tributary streams;
- fish community survey in Morrison Lake including species presence, length and weight measurements, condition factors, length-frequency distributions, and catch per unit effort;
- shoreline habitat and spawning surveys in Morrison Lake; and
- detailed bathymetry survey of Morrison Lake.

# 5.1 Summary of Fisheries Data Results

- At different times of year, fish species composition in Morrison Lake included rainbow trout, cutthroat trout, kokanee, sockeye salmon, coho salmon, Chinook salmon, lake trout, lake whitefish, mountain whitefish, longnose sucker, largescale sucker, northern pikeminnow, burbot, peamouth chub, redside shiner, and prickly sculpin.
- Lake trout and mountain whitefish together comprised approximately 87% of the catch during the Morrison Lake fish community survey.



- Lake trout were the most widely distributed and abundant large-bodied species in Morrison Lake with comparable lengths, weights, and condition factors at all sampling locations in Morrison Lake and within reference Tochcha Lake.
- Northern pikeminnow, prickly sculpin, and redside shiner were most abundant small-bodied fish within the Morrison Lake shoreline.
- Rainbow trout followed by coho salmon, had the widest species distribution in Morrison Lake tributary streams.
- Five Morrison Lake tributary streams were confirmed as fish bearing. No fish were present in streams #29000 and #50000-48010.
- Coho salmon and rainbow trout were captured in five Morrison Lake tributaries.
- Tahlo Creek and Morrison River contained coho salmon, rainbow trout, longnose sucker, northern pikeminnow, redside shiner, and prickly sculpin.
- The small-bodied fish community in Morrison Lake was dominated by northern pike minnow, prickly sculpin, and redside shiner.
- Morrison River and Tahlo Creek contained the highest fish abundance of all Morrison Lake tributaries.
- Coho salmon in stream #61100 were underweight compared to those in larger tributaries (i.e., Morrison River and Tahlo Creek).
- Productive high-quality lake trout spawning sites occur in the northern basin of Morrison Lake.
- Sockeye spawn in the Morrison Lake outlet to Morrison River, immediately south of the mouth of stream #44800, and extensively throughout the Morrison River down to Lake Babine from August to mid-October.
- Coho salmon spawn in smaller numbers immediately south of the mouth of stream #44800.

#### 6 2010 MORRISON LAKE FISHERIES INFORMATION SUMMARY

Work completed in Morrison Lake during the 2010-2011 Morrison Baseline Fisheries Assessment included:

- shoreline spawning surveys within the south basin of Morrison Lake;
- stream habitat assessment for all Morrison Lake tributary streams; and
- quarterly water quality sampling program and in-situ water quality depth profile survey of Morrison Lake (Table 6.1).

## 6.1 Summary of Fisheries Data Results

Productive high-quality lake trout spawning sites occur in the northern basin of Morrison Lake.



- Sockeye spawn in the Morrison Lake outlet to Morrison River, immediately south of the mouth of stream #44800, and extensively throughout the Morrison River down to Lake 8abine from August to mid-October.
- Juvenile rainbow trout and coho are present within accessible portions of the lower reaches of several Morrison Lake tributary streams.

Table 6.1 Morrison Lake Physical Data Summary

Statistic	Morrison Lake
Surface Area (km²)	13.3
Lake Volume (m³)	286,000,000
Lake Turnover (m³/year)	145,000,000
Average Depth (m)	21.6
Maximum Depth (m)	62.9
Average Width (m)	879
Maximum Length (m)	15,150
Mean Transparency (Secchi Depth (m))	1.78
Surface Temperature (*C)	10.5
Temperature at depth (*C)	4.32
рН	7.6
Spetific Conductivity (µs/cm)	0.0615
Total Dissolved Solids (g/L)	0.0399
Salinity (ppm)	0.028

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Yours truly,

KLOHN CRIPPEN BERGER LTD.

Harvey McLeod, P.Eng., P.Geo.

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**Morrison Lake Temporal Data Summary** 



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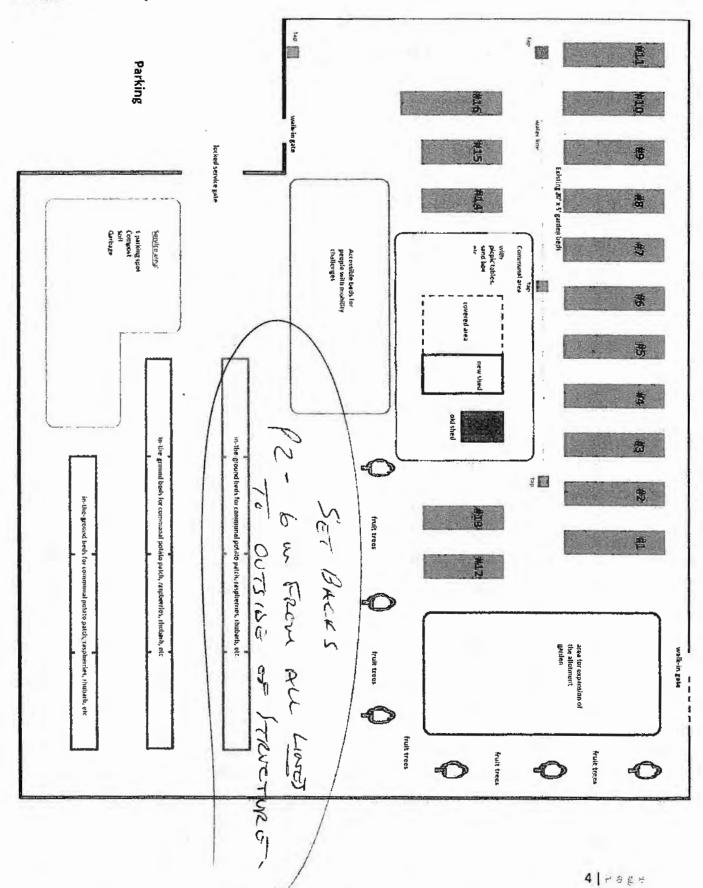
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# Official Site Plan Map



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# LAKE BABINE ENGAGEMENT PLAN MORRISON COPPER/GOLD MINE PROJECT

DECEMBER 2015

SUBMITTED BY:



pacific booker minerals inc.

# MORRISON COPPER/GOLD MINE PROJECT

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# 1.0 Introduction

Pacific Booker Minerals Inc. (the Proponent) proposes to develop the Morrison Copper/Gold Project (the Project) in north-central British Columbia; the Project site is 65 km northeast of Smithers and 35 km north of Granisle on Crown land east of Morrison Lake. The Project is within the traditional territory of the Lake Babine First Nation and off-site infrastructure is partially within the traditional territory of the Yekooche First Nation.

This Lake Babine Engagement Plan has been developed in response to the July 2015 Order under Section 17 of the *BC Environmental Assessment Act*. This plan should be considered a "living" document that will be updated throughout the assessment and ultimately, development of the Project.

This Lake Babine Engagement Plan is reflective of the Proponent's commitment to proactively engage with the Lake Babine Nation and address issues and concerns from those potentially affected by the proposed Project in the spirit of respect and integrity.

# 1.1 Purpose

The primary purpose of this Lake Babine Engagement Plan is to describe the approach, methods, and activities that the Proponent is proposing to use to share Project-related information and seek input from the Lake Babine Nation on the proposed Project through this next supplemental phase of the EA process. This Lake Babine Engagement Plan also provides guidance on communication and consultation with the Lake Babine Nation on specific documents associated with this phase of the EA process.

This Lake Babine Engagement Plan is intended to provide the following information:

- A description of how consultation efforts and activities will be conducted;
- Identification of a consultation schedule;
- Identification of protocols and policies that will govern consultation efforts and activities;
- Identification of procedures for tracking and reporting on consultation efforts and activities;
   and
- A description of engagement that has taken place with Lake Babine Nation since July 2015.

It is the Proponent's objective that the activities conducted in relation to this supplemental EA process enable the Lake Babine Nation to participate fully in the review process, provide feedback on the proposed Project, and identify concerns regarding the potential effects of the proposed Project on their Aboriginal and Treaty Interests, including rights and title.

# 1.2 Engagement Plan Review and Dialogue

Prior to finalization, a draft version of this Lake Babine Engagement Plan will be shared with the Lake Babine Nation. An opportunity for feedback will be offered to ensure that the Engagement Plan is responsive to the unique concerns of the Lake Babine Nation, while still meeting the applicable regulatory requirements. As appropriate, comments and feedback received from the Lake Babine Nation regarding this draft Lake Babine Engagement Plan will be incorporated into this final version to be submitted to the Executive Director of the Environmental Assessment Office (EAO).

# 1.3 The Proposed Project

The proposed Project will include the development of:

- a 30,000 tonnes/day processing plant (mill) for production on copper/gold/molybdenum concentrate;
- the following mine facilities:
  - lab/assay building;
  - o concentrate load-out facilities;
  - o mobile equipment shops, wash and tire change;
  - o plant maintenance shops;
  - warehouse;
  - equipment lay down areas;
  - o mine dry; and
  - administration and security buildings with offices for management, administration and engineering personnel;
- sewage and waste water management facilities;
- explosives storage and mixing plant;
- fuel storage, consisting of above-ground tanks and containments;
- overburden stockpile;
- waste rock storage;
- low grade ore stockpile;
- tailings storage facility;
- water treatment plant; and
- sludge storage.

The Project is proposed to be an open pit mine utilizing with an ore production rate of 30,000 tonnes/day, or approximately 11 million tonnes of ore per year. The Project is expected to produce 224 million tonnes of ore, 169 million tonnes of waste rock and 15 million tonnes of overburden over a 21-year mine life.

# 1.4 Proponent Information

Pacific Booker Minerals Inc. is a publicly traded company listed on the TSX Venture Exchange (Trading Symbol: BKM) and the NYSE Amex (Trading Symbol: PBM).

The company maintains its head office in Vancouver:

Pacific Booker Minerals Inc. #1702-1166 Alberni Street Vancouver, BC, Canada V6E 3Z3

Phone: 604-681-8556 Fax: 604-687-5995

Toll Free: 1-800-747-9911

Email: info@pacficbooker.com Website: www.pacificbooker.com

Contact: Mr. John Plourde, CEO



# 2.0 Consultation Overview

# 2.1 Vision and Principles for Aboriginal Consultation

The Proponent believes that consultation with the Lake Babine Nation should be conducted in the spirit of mutual respect, integrity, and transparency. The Proponent aspires to develop a mutually beneficial relationship with Lake Babine for the life of the Project and beyond. The Proponent recognizes that honest and open consultation during the EA process is an important step in establishing that relationship.

Beyond the procedural aspects of consultation that have been delegated to the Proponent, it is the Proponent's intention to continue to proactively engage with Lake Babine regarding potential benefits of the proposed Project for the Lake Babine Nation. In addition to benefiting from provincial resource revenue sharing, benefits from the Project may include training programs, employment and career development opportunities, and/or business or contracting opportunities. The Proponent hopes that engagement on these topics will strengthen the Proponent's relationship with the Lake Babine Nation and help to better understand and address concerns about potential adverse effects resulting from the development of the Project.

In order to ensure that consultation is conducted in the spirit of mutual respect, integrity, and transparency, the Proponent commits to:

- Providing accessible and understandable Project information and discussion opportunities
  in a timely manner and in a format that suits the Lake Babine Nation;
- Allowing Lake Babine members and representatives sufficient time to review Project documents and information; and
- Considering, and wherever practicable, incorporating feedback received from Lake Babine, or providing a rationale of why such feedback was not incorporated.

# 2.2 Phases and Objectives of Consultation

This Lake Babine Engagement Plan describes engagement activities during the preparation of the supplemental environmental assessment information and the subsequent review and feedback provided to the Proponent.

Engagement during the Preparation of Supplemental Information: Engagement with the
Lake Babine Nation during the preparation of supplemental information is proposed to
include consultation on this Engagement Plan, on the consideration of information relating
to key environmental and ecological components, project design and alternative

assessment, risk factors best practices, adverse effects, and other engineering and technical matters as appropriate.

 Information Review Phase Consultation: Consultation activities conducted following the submission of the supplemental information, during the Application Review phase of the EA process will be focused specifically on the assessment of the potential adverse impacts on Lake Babine Nation concerns and Treaty Interests. The Proponent is committed to facilitating, understanding and awareness of all aspects of the Project through the provision of accessible and comprehensive information and access to the third party experts as appropriate.

The primary objectives of the Proponent's consultation efforts with the Lake Babine Nation are to:

- Share information regarding the proposed Project with the Lake Babine Nation;
- Seek input and feedback regarding the proposed Project;
- Determine how the proposed Project may potentially effect Aboriginal and Treaty Interests;
- Address matters of concern or interest; and
- Develop, discuss, and consider, in collaboration with the Lake Babine Nation on measures to avoid, mitigate, or otherwise accommodate any potential adverse impacts of the proposed Project on their Aboriginal and Treaty Interests.

# 2.3 History of Consultation with Lake Babine Nation

The Proponent has engaged with the Lake Babine Nation on numerous occasions and through various means over the past 10 + years as the plans for the Project have evolved and the regulatory review and assessment process have advanced. The details of this are contained within official EA documents provided through the review and assessment of the Project under the BC Environmental Assessment and Canadian Environmental Assessment Acts'.

As per section 8 of Schedule A of the July 2015 Section 17 Order, the following addresses specific information relating to the engagement efforts by the Proponent since July 2015 and considers the proposed Engagement Plan into the future.

## 2.3.1 Consultation Since July 7, 2015

The Proponent has attempted to engage the Lake Babine Nation on several occasions since July 2015. To date, despite these efforts, there has been limited formal communication between the Proponent and Lake Babine.

Specific efforts over the several months include the following:

- Correspondence between Robin Junger of McMillan LLP and Counsel to Pacific Booker Minerals, and Dominique Nouvet, Counsel to Lake Babine. Through email correspondence on October 23<sup>rd</sup>, 2015, Mr. Junger advised Ms. Nouvet of the Proponent's recent meetings with the Province of BC and made a specific request for the Proponent to have an opportunity to meet with the Chief and Council of the Lake Babine Nation to discuss the approach, new team in place for the Proponent and plans for addressing the issues raised within the Section 17 Order.
- Ms. Nouvet, in a subsequent email on October 25<sup>th</sup>, copied to Chief Adam, indicated that Lake Babine Nation was not interested in meeting the Proponent or their representatives at this time.
- On November 10<sup>th</sup> Mr. John Plourde, CEO of Pacific Booker, travelled to Granisle, BC personally and requested an opportunity to meet with the Chief and Council. Unfortunately, this was not possible at that time due to other commitments by members of Lake Babine.

There has been no other formal engagement by the Proponent with the Lake Babine Nation since that time.

# 2.4 Proposed Reporting and Documentation Procedures

As part of this supplemental review process under the *BC Environmental Assessment Act*, the Proponent will track and record all consultation and engagement activities with the Lake Babine Nation (where the Proponent is not directed to maintain confidentiality out of respect for a group's Aboriginal or Treaty Interests).

## 2.4.1 Consultation Reports

The Proponent will prepare and submit a summary of engagement descriptions to EAO with the supplemental application report.

The Proponent will provide draft versions of the description to the Lake Babine Nation prior to the reports being finalized to ensure that the Proponent has adequately captured the nature and content of those activities, including any feedback received.

The engagement description will include:

 A summary of the consultation efforts and activities undertaken by the Proponent during the relevant time period;



- An up-to-date comment tracking table of all comments, questions, concerns, and other input received from the Lake Babine Nation during the relevant time period and the Proponent's responses;
- Report on how the Lake Babine Nation's input and concerns have been addressed and incorporated, and a rationale for instances when input was not incorporated;
- Identification of any potential adverse effects of the proposed Project on Lake Babine Nation Aboriginal or Treaty Interests;
- Strategies developed in collaboration with Lake Babine Nation to address those potential adverse effects through avoidance, mitigation, or other means of accommodation;
- The status of any key issues, including whether the issue is considered to be resolved or ongoing; and
- Next steps and future consultation activities to address any new and ongoing concerns.

## 2.4.2 Comment Tracking Table

A comment tracking table will be used throughout the Proponent's engagement efforts and activities and it will be updated on an ongoing basis.

Aboriginal Group	Date Comment Received	Source (meeting, etc.)	Comment Received	Aboriginal or Treaty Interest Potentially Effected	Pacific Booker Response	Issue Status
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Table 1: Sample Comment Tracking Table

# 2.4.3 Consultation and Engagement Tracking

The Proponent is using an electronic database to effectively manage and track records of all communications, commitments, and issues relating to the Aboriginal Consultations to ensure that concerns are identified for follow-up at every phase of the consultation process. Protocols and practices have been developed to ensure that communications, commitments, and issues are being recorded accurately and consistently. Discussion of proposed mitigation strategies are also being recorded using the same database.



The Proponent will document key communications with the Lake Babine Nation including:

- E-mails;
- Letters;
- Meetings;
- · Community meetings;
- Presentations;
- · Community engagement activities; and
- Phone calls, including voicemails and teleconference calls.

The database includes details such as meeting/communication attendees, when and where the engagement took place, its purpose, and a summary of what was discussed. Issues or interests raised by the Lake Babine Nation, outcomes, actions to be undertaken, and follow-up actions will also be documented.

# 2.5 Confidentiality of Information

Pacific Booker Minerals Inc. recognizes the Lake Babine Nation's right to maintain the confidentiality of certain sensitive cultural practices and information.

Documents and information submitted to the EAO are subject to disclosure under the *Freedom* of *Information* and *Protection of Privacy Acts*. Lake Babine Nation may indicate that certain information or documents be treated as confidential; that they should not be shared with other parties or included in reports submitted to EAO. In such cases, the Proponent will ask that the Lake Babine Nation notify EAO as early as possible. Disclosure of sensitive information may be addressed by presenting the information in a manner that satisfies the EAO's information requirements while respecting concerns regarding public disclosure.

Where the Lake Babine Nation indicates to the Proponent that information regarding Aboriginal or Treaty Interests is considered confidential, the Proponent will discuss with the Lake Babine Nation how best to manage the use of that sensitive information when considering its use in EA materials.

# IN THE MATTER OF THE ENVIRONMENTAL ASSESSMENT ACT S.B.C. 2002, c.43 (ACT)

## AND

# A FURTHER ASSESSMENT OF THE MORRISON COPPER GOLD PROJECT (PROPOSED PROJECT)

## **ORDER UNDER SECTION 17**

## WHEREAS:

- A. Pursuant to Section 17 of the Act, on August 21, 2012 the Environmental Assessment Office (EAO) referred Pacific Booker Minerals Inc.'s (Proponent) application for an Environmental Assessment Certificate (EAC) in respect of the proposed Project to the Ministers for decision;
- B. The Executive Director recommended that the Ministers not issue an EAC for the proposed Project;
- C. On September 24, 2012, the Ministers decided to refuse to issue an EAC for the proposed Project. This decision was announced on October 1, 2012;
- On April 3, 2013, the Proponent filed a petition for judicial review in the BC Supreme Court seeking to have the decision of the Ministers set aside;
- E. On December 9, 2013, Justice Affleck quashed the decision of the Ministers not to issue an EAC, and ordered that the matter be remitted to the Ministers for reconsideration with opportunity for submissions from the Proponent and others in response to the 2012 Recommendations of the Executive Director;
- F. Between January and May 2014, EAO received further submissions from the Proponent, First Nations, and members of the Working Group in accordance with the BC Supreme Court's direction, and on July 4, 2014, referred the Proponent's application in respect of the proposed Project to the Ministers for reconsideration;
- G. On August 4, 2014, a breach of a mine tailings dam occurred at the Mount Polley Mine near Likely, British Columbia;
- H. On August 18, 2014, the Minister of Energy and Mines announced that he was forming an Independent Expert Engineering Investigation and Review Panel (Panel) to examine the causes of the dam breach at the Mount Polley Mine;
- On August 18, 2014, the Minister of Environment suspended the review of the proposed Project until, in the reasonable opinion of the Minister, the outcome of the work undertaken by the Panel had occurred;
- J. On January 30, 2015, the Panel released its report;

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- K. Between February and May 2015, EAO sought the views of the Proponent, the Lake Babine Nation, the Gitanyow Nation and the Gitxsan Nation on the Panel's Report;
- L. On June 9, 2015, the Minister of Environment lifted the suspension of the review of the proposed Project; and,
- M. The Ministers have now considered EAO's August 21, 2012 Assessment Report, Table of Conditions and Certified Project Description; the September 20, 2012 Recommendations of the Executive Director; all the further materials received by EAO in court-directed reconsideration process; the Panel's Report; and the views of the Proponent, the Lake Babine Nation, the Gitanyow Nation and the Gitsxan Nation on the Panel's Report, and other matters they consider relevant to the public interest.

# **NOW THEREFORE:**

Pursuant to Section 17(3)(c)(iii) of the Act, the Ministers hereby order that the proposed Project undergo further assessment in accordance with the scope, procedures and methods specified in Schedule A.

Honourable Mary Polak Minister of Environment

Honourable Bill Bennett Minister of Energy and Mines

MK Ken S.

Issued this 7th day of July, 2015

May Polake

# SCHEDULE A TO ORDER UNDER SECTION 17 OF THE ACT

SCOPE, PROCEDURES AND METHODS FOR A FURTHER ASSESSMENT OF THE MORRISON COPPER/GOLD MINE PROJECT (PROPOSED PROJECT)

# PART A - SCOPE OF THE PROPOSED PROJECT FOR THE PURPOSE OF FURTHER ASSESSMENT

# 1. SCOPE OF THE PROPOSED PROJECT

1.1 The scope of the proposed Project is as described in Schedule A of the Order issued under Section 11 of the Act for the proposed Project on January 18, 2008.

#### 2. SCOPE OF THE FURTHER ASSESSMENT

- 2.1 The further assessment must include the following additional information and analysis:
  - 2.1.1 Additional baseline information and analysis, including, but not limited to:
    - (a) Those features of Morrison Lake which are relevant to its capacity to assimilate mine effluent without long-term negative effect on water quality, including information on currents and flow regimes, current water quality and chemistry, temperature, limnology and lake behavior (e.g. turnover). A minimum of one year of new baseline data must be collected.
    - (b) Sockeye salmon use of Morrison Lake, Upper and Lower Tahlo Creek and Morrison River, including those areas used for spawning and rearing.
    - (c) Hydrogeological and groundwater data, specifically relating to areas below and between the Tailings Storage Facility and Morrison Lake, and the open pit and Morrison Lake.
    - (d) An Instream Flow Requirement for Morrison River following the *Instream Flow Incremental Methodology* including technically feasible options to mitigate any potential water quantity effects to spawning in Morrison River and Morrison Lake.
  - 2.1.2 As a basis for comparison with and assessment of the Proponent's existing project design that is the subject of the application, additional analysis of the feasibility and effectiveness of alternatives to the current mine design and mitigation measures that would reduce the levels of risk and uncertainty in relation to potential impacts on environmental values in Morrison Lake and the larger Skeena River watershed, including, but not limited to:
    - (a) Waste rock disposal options, in particular those which are consistent with provincial policy on management of potentially acid-generating rock.

- (b) Technical options for disposal of mine effluent, in particular those which would not rely on dilution within Morrison Lake as the primary means of mitigation.
- (c) Analysis of long-term water treatment options with a focus on the ability to treat to meet *British Columbia Water Quality Guidelines*.
- (d) Analysis of the performance of the diffuser, with a particular focus on using inputs and new information gained from 2.1.1.
- 2.1.3 Additional analysis of whether the proposed Project is likely to have significant adverse effects on the environment using an assessment methodology which takes into account, specifically, the levels of risk, likelihood and uncertainty associated with the existing mine design and mitigation measures.
- 2.1.4 A description and an assessment of alternative means of undertaking the proposed project with respect to options for tailings management that considers technology, siting and water balance.
- 2.1.5 The assessment described in 2.1.4 must present and compare best practices and best available technologies for tailings management for the project, along with options for managing water balance to enhance safety and reduce the risk (likelihood and consequence) of a tailings dam failure during all phases of mine life (construction, operations, closure, post-closure). The assessment must present and compare technically and economically viable engineering solutions that are available to adequately address site conditions, with a particular focus on technical options for siting and designing tailings storage or management facilities which may have fewer potential effects on Morrison Lake.
- 2.1.6 The assessment described in 2.1.4 must provide a clear and transparent evaluation of the factors that supported the selection of the most suitable option. Factors that will be taken into consideration in the evaluation include safety, technical and financial aspects, and implications for environmental, health, social, heritage and economic values. The assessment must consider these factors in relation to tailings management options in both the short and long-term context. Life cycle cost assumptions (construction, operations, closure, post-closure) must be included in the analysis of options.
- 2.1.7 The analysis described in sections 2.1.4 2.1.6 should demonstrate that the Proponent has considered other options that can address the potential for adverse effects on the factors noted in section 2.1.6; for the project design option selected, considered the potential risks and implications of that option, and have a technically and economically feasible plan to address the potential risks and implications; and has provided a clear and transparent rationale for the selected option(s).
- 2.2 Should a new mine design or mitigations be proposed as a result of the further information gathering, analysis and assessment, an analysis of the potential

- effects to environmental, social, economic, heritage and health valued components is required, using current EAO assessment methodology.
- 2.3 The potential adverse effects on Lake Babine Nation, Yekooche First Nation, Gitanyow Nation and Gitxsan Nation and their potentially existing aboriginal rights including title (Aboriginal Interests), and, to the extent appropriate, ways to avoid, mitigate or otherwise accommodate such potential adverse effects, taking into account the applicable legal tests.
- 2.4 For greater clarity, the scope of further assessment does not include the existing social, heritage, economic, health or environment assessments completed by the Proponent and reviewed by EAO, other than potential effects to those environmental valued components described above in sections 2.1.1, 2.1.2, 2.1.3 and 2.1.4.

# PART B - FURTHER ASSESSMENT PROCEDURES AND METHODS

#### 3. STAGING OF THE ASSESSMENT PROCESS

3.1 The Proponent will engage in the further assessment process which will be administered by the Executive Director of EAO or delegate.

## 4. TIME LIMITS

4.1 The time limit for providing the required further assessment information under this Order is three years from the date on which the Supplemental Application Information Requirements is approved by EAO.

# 5. PREPARING THE SUPPLEMENTAL APPLICATION INFORMATION REQUREMENTS

- 5.1 In accordance with this Order, and any additional guidance provided by the Executive Director or delegate, the Proponent must prepare draft Supplemental Application Information Requirements (SAIR).
- 5.2 The Proponent must submit the draft SAIR in a format acceptable to the Executive Director or delegate, who will make it available to the Working Group.
- 5.3 The Proponent must address any comments on the draft SAIR that the Executive Director or delegate determines are within the scope of the assessment, and submit the revised draft SAIR to the Executive Director or delegate for review.
- 5.4 After review of the revised draft SAIR, the Executive Director or delegate will issue the final SAIR to the Proponent.

# 6. PREPARING AND SUBMITTING THE SUPPLEMENTAL ASSESSMENT APPLICATION

6.1 The Proponent must prepare the Supplemental Application in accordance with the scope of assessment set out in section 2 of this Order and in accordance to



the SAIR described in section 5, and must submit it to the Executive Director or delegate for evaluation and decision on whether to accept the Supplemental Application for review.

- 6.2 The Executive Director or delegate, with advice from the Working Group as requested, will evaluate and decide within 30 days after the date on which the Supplemental Application is submitted whether it contains the information required. If the Supplemental Application is deficient in presenting the required information, the Executive Director or delegate will identify the deficiencies in writing and the Proponent will be required to revise the Supplemental Application to address the deficiencies and re-submit the revised Supplemental Application.
- 6.3 Following acceptance of the Supplemental Application for review, the Proponent must supply to the Executive Director or delegate an electronic version of the Supplemental Application, in an acceptable electronic format, and if requested, supply the requested number of hard copies of the Supplemental Application in the quantity indicated by the Executive Director or delegate.

#### 7. WORKING GROUP

- 7.1 The Executive Director or delegate will continue the Working Group established for the proposed Project.
- 7.2 On the invitation of the Executive Director or delegate, the Proponent must participate in meetings of the Working Group.

#### 8. FIRST NATIONS

## 8.1 EAO-Led Consultation

8.1.1. EAO will fulfill the Crown's legal obligation to consult with Lake Babine Nation, Yekooche First Nation, Gitanyow Nation and Gitxsan Nation with respect to their perspectives and opinions about the proposed Project and the potential effects of the proposed Project on their Aboriginal Interests.

## 8.2 Proponent-Led Engagement

- 8.2.1. For the purpose of developing the SAIR, the Proponent must engage with Lake Babine Nation with respect to their perspectives and opinions about the proposed Project and the potential effects of the proposed Project on their Aboriginal Interests.
- 8.2.2. Within timelines established by the Executive Director or delegate, the Proponent must prepare a Lake Babine Nation Engagement Plan that will guide engagement activities during the preparation of the SAIR and the review of the Supplemental Application. The Executive Director or delegate will assess the adequacy of the Engagement Plan activities. The Executive Director or delegate may order additional engagement activities within prescribed time limits.



8.2.3 The Proponent must include in its Application a summary of the engagement with Lake Babine Nation that the Proponent has carried out in relation to the proposed Project, since the issuance of this Order. The summary of engagement must identify issues and concerns raised by Lake Babine Nation with respect to the proposed Project's potential adverse effects including traditional uses and how these issues and concerns are to be addressed.

## 9. FEDERAL, PROVINCIAL AND LOCAL GOVERNMENT AGENCY CONSULTATION

- 9.1 The Proponent must provide copies of the Supplemental Application to federal, provincial and local government agencies for information and consultation purposes, as required by the Executive Director or delegate.
- 9.2 The Proponent must consult with federal, provincial and local government agencies on an individual basis, and collectively through the Working Group, with respect to their issues and concerns with the further assessment of the proposed Project.

## 10. PUBLIC CONSULTATION

- 10.1 A formal 30 day public consultation period will be established for public input on the SAIR.
- 10.2 A formal 45 day public comment period will be established for public input on the Supplemental Application.
- 10.3 The Proponent must submit a proposal for a public consultation plan on the Supplemental Application for approval by the Executive Director or delegate. Once approved, the Proponent must carry out the public consultation program. The Executive Director or delegate may order additional consultation activities within prescribed time limits.
- 10.4 After completion of the public consultation program, the Proponent, within time limits set by the Executive Director or delegate, must provide to the Executive Director or delegate a written report on the results of its public consultation activities, identifying views, issues and concerns raised by the public with respect to the further assessment and how they are to be addressed.

## 11. PUBLIC NOTICE

- 11.1 Prior to the start of any public comment period, the Proponent, by means of newspaper advertisements, radio announcements or other means acceptable to the Executive Director or delegate, must provide public notice of:
  - 11.1.1 the availability of the Supplemental Application for public review and comment, and the time limits for the formal public comment period provided for in this Order; and

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- 11.1.2 the date, time and location of any open houses held in respect of the proposed Project, whether organized by the Proponent or the Executive Director or delegate.
- 11.2 The Proponent must obtain approval from the Executive Director or delegate for the content, format and publication schedule for newspaper advertisements required under section 11.1 of this Order.
- 11.3 If more than one notice of an event is to be given, then, the first notice must appear:
  - 11.3.1 in the case of a formal public comment period, at least seven days prior to the date on which the formal public comment period commences; and
  - 11.3.2 in the case of an open house, at least seven days prior to the date on which an open house or public meeting is scheduled.
- 11.4 In making this section 17 Order, the public is hereby given access through the Project Information Centre to:
  - 11.4.1 the Proponent's Supplemental Application in final form filed by the Proponent as required by this Order for the purposes of completing the assessment:
  - 11.4.2 any public notice given during the further assessment;
  - 11.4.3 comments in respect of the following that are received by the Executive Director or delegate during the formal public comment period from persons and organizations:
    - (i) the Proponent's Supplemental Application for an EAC:
    - (ii) other information submitted by the Proponent:
  - 11.4.4 comments received by the Executive Director from the Proponent, in response to comments referred to in section 10.4.3 above;
  - 11.4.5 the Executive Director's Supplemental Assessment Report submitted to the Ministers under section 17 (3) (iii) of the Act; and
  - 11.4.6 any recommendations of the Executive Director and the reasons for those recommendations submitted to the Ministers.

## 12. PROPONENT RESPONSES TO COMMENTS RECEIVED

- 12.1 Where requested by and within any time limits set by the Executive Director or delegate, the Proponent must respond to issues that are identified in comments submitted by First Nations identified in section 8 of this Order, federal, provincial and local government agencies, and the public which are received during the review of the Supplemental Application, and that the Executive Director or delegate considers to be within the scope of the assessment.
- 12.2 Where requested by and within any time limits set by the Executive Director or delegate, the Proponent must provide specified additional information in relation

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to, or to further supplement, the information provided in the Supplemental Application to address issues identified during the course of the review of that document.

# 13. PREPARING THE SUPPLEMENTAL ASSESSMENT REPORT

13.1 The Proponent, along with the First Nations identified in section 8 of this Order and other members of the Working Group, will be consulted in the preparation of the draft Supplemental Assessment Report, Conditions and Certified Project Description, prepared by the Executive Director or delegate, as the basis for recommendations to and a decision by Ministers on the Application and Supplemental Application under section 17(3) of the Act.