

### REGIONAL DISTRICT OF BULKLEY-NECHAKO

# RURAL DIRECTORS COMMITTEE SUPPLEMENTARY AGENDA

Thursday, March 12, 2015

PAGE NO.	DEVELOPMENT SERVICES	ACTION
2-13	Land Referral File No. 6408800 & 6408801 Corporation of the Village of Telkwa Electoral Area "A"	Recommendation (Page 3)
	CORRESPONDENCE	
14-18	ABC Communications – Burns Lake Broadband – Project Summary (See Delegation – ABC Communications)	Receive
	NEW BUSINESS	
	ADJOURNMENT	



# **MEMORANDUM**

To: Rural Directors
From: Maria Sandberg
Date: March 6, 2015

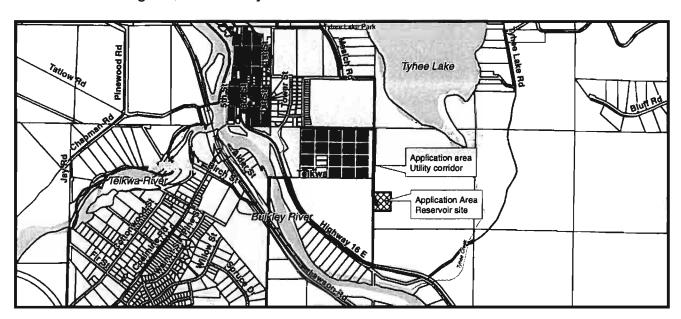
Re: Land Referral File No. 6408800 and 6408801 (Village of Telkwa)

This application is for a Licence of Occupation for a Village of Telkwa public works project involving a new water main and water reservoir. The current municipal water system needs to be expanded to meet current and anticipated water needs. Therefore the Village is planning build a reservoir on Crown land in the Regional District. The application area is 2.3 ha in size, and it is located adjacent to the Village of Telkwa. The application area for the utility corridor containing the water main is 1.26 ha in size and would connect to the existing water system in the municipality.

The applicant is advised that the application areas are located within the Agricultural Land Reserve and will require Agricultural Land Commission (ALC) approval. Under B.C Regulation 171/2002, a Transportation and Utility Use Application must be filed directly with the ALC.

The application areas are zoned Agricultural (Ag1). Unattended public service or utility buildings and structures having no exterior storage of any kind are permitted in all zones of the Regional District of Bulkley-Nechako Zoning Bylaw.

It is noted that the Regional District Board of Directors sent a letter of support for the Village of Telkwa and its application for funding for this project through the Building Canada, Small Communities Program, in February 2015.



### Recommendation

That the attached comment sheet be provided to the Province as the Regional District's comments on Crown land application 6408800 and 6408801.

Rural Directors - All/Directors/Majority

Reviewed by:

Jason Llewellyn

Director of Planning

Written by

Maria Sandberg

Planner



# REGIONAL DISTRICT OF BULKLEY-NECHAKO COMMENT SHEET ON CROWN LAND REFERRAL 6408800 and 6408801

**Electoral Area:** 

Α

Applicant:

Corporation of the Village of Telkwa

**Existing Land Use:** 

Vacant

Zoning:

Agricultural (Ag1)

Plan Designation

Agriculture (AG)

**Proposed Use Comply** 

With Zoning:

Yes

If not, why?

**Agricultural Land Reserve:** 

In the ALR

Access Highway:

Telegraph Street

Archaeological Site:

Not according to Provincial mapping

**Building Inspection:** 

In the building inspection area

Fire Protection:

In Telkwa Rural Fire Protection Area

Other comments:

The application areas are located within the Agricultural Land Reserve and will require Agricultural Land Commission (ALC) approval. Under B.C Regulation 171/2002, a Transportation and Utility Use Application must be filed directly with the ALC.







# Community/Institutional Land Use and Utilities Land Use <u>Management Plan for Proposed Trobak Hill Water Storage Reservoir</u>

#### 1. Introduction

The Village of Telkwa is located in north-western British Columbia. The community is located approximately 12 kilometres south of Smithers, BC at the confluence of the Bulkley and Telkwa Rivers with nearly 1500 resident's calling this home.

The Village is currently supplied with water from a river intake located on the west bank of the Bulkley River. The water from the Bulkley River is treated by a water treatment plant which then is pumped to the Villages only water storage tower located off Morris Road on the West side of the Bulkley River. The water tower then distributes 909,000 Litres of treated water to the entire Village by gravity. There is also a untreated production well on the east side of the Bulkley River, adjacent to the fire hall, that occasionally is used to provide additional capacity during periods of high demands, usually during summer.

#### 2. Background

Community/Institutional Purpose: The Village of Telkwa is requesting a Nominal Rent Tenure (NRT), for public works, for 30 years or more, to build a new 1.6 Million Litre (19m diameter x 5.5m high) water reservoir on Crown Lands adjacent to the Village of Telkwa municipal boundaries. This Crown Land includes Agricultural Land Reserves (ALR) jurisdiction and resides within the Regional District Bulkley-Nechako (RDBN) boundaries - zoned Agricultural (AG-1).

Location: NW 1/4 Section 25, Township 5, Range 5, Coast District

<u>Utilities Purpose</u>: The Village of Telkwa is requesting a Nominal Rent Tenure, for a utilities water line, for 30 years or more to install a 1200m length of 300mm diameter water main on Crown Lands from its existing water main on Telegraph Street to the proposed new reservoir on Crown Land. This Crown Land includes Agricultural Land Reserves (ALR) jurisdiction and partially resides within the Regional District Bulkley-Nechako (RDBN) boundaries - zoned Agricultural (AG-1).

<u>Location:</u> NE ¼ Section 26, Township 5, Range 5, Coast District and NW ¼ Section 25, Township 5, Range 5, Coast District.

The municipality is applying for the February 2015 Building Canada Small Communities Fund. This fund application requires a project ready application which would require the Village to receive a letter of approval from Front Counter BC confirming our request to construct on crown land will be granted. This is a partnership fund – with a provincial 1/3 contribution and federal 1/3 contributions being provided to supplement our municipal 1/3 project contribution.

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This infrastructure expansion has been part of our long term planning and is a known need. Our request to go forward with this construction project is guided by long term planning, spurred by steady population growth and enabled through long term financial planning. See attached references from our Official Community Plan and Integrated Community Plan, included with our Crown Land Tenure application. Our request for approval to construct a road, a water line and a reservoir is also guided by our long term financial plan as our staff and past council(s) have been anticipating this need for additional water storage and appropriately set aside funds to enable the construction. See attached to our Crown Land Tenure application, a copy of a simplified financial plan.

An onsite preliminary investigation was undertaken by the Village Engineering Technologist to determine if a feasible utility corridor was possible with minimal impact to the surrounding lands and vegetation. It was determined this is very feasible and site photos where taking to show the proposed location for the utility corridor and proposed reservoir site. See attached photos submitted with our Crown Land Tenure application.

#### 3. Location and Infrastructure

The location of the project is dictated by elevation. Our existing Morris Reservoir - open to atmosphere – is at an elevation of 585 meters. This elevation governs our current system pressures as it is a direct relationship to gravity. At this elevation our static pressures in the downtown area are already at 119 psi. Any variance in this height to the proposed Trobak water storage tower will either, increase or decrease, our system pressures. Furthermore, any elevation differential will cause one reservoir to empty before the other which also affects the total useable water storage in the two reservoirs making the overall use of this storage deficient. The only lands available at this elevation that make our project cost effective fall within Crown Lands, therefore, it is critical we get a NRT with Crown Lands. For this reason alone, we are obligated to ask Crown for permission(s) to build at this location for the best practices of our water distribution system.

A major weakness and risk to the Village water system is that the supply, treatment and storage for the entire village reside on the west side of the Bulkley River. Water supply to the commercial and residential properties on the east side of the Village water system are very vulnerable in that, other than the small, untreated production well, their entire service is provided via a single 200mm diameter water main crossing the Bulkley River on the Coal Mine Road (Telkwa) bridge. This bridge is an old single lane wood truss structure and is used for all access to the west side of the Village. The bridge also carries logging truck traffic accessing the logging areas up the Telkwa River. The high number of heavy and oversize trucks using the bridge increases the potential for an accident that will damage the bridge and water main. Any proposed upgrades to the exiting water main on the bridge are not recommended by Ministry of Transportation and Infrastructure (MOTI). See attached MOTI letter submitted with our Crown Land Tenure application. It is also a known concern that with the Pine Beetle infestation has direct environmental impacts, such as surface water runoff, which encourage increased river elevations which in return could create river debris congestion at the confluence of the Bulkley and Telkwa rivers. This congestion increases the potential risk of damage to the bridge and the Village water mains and sewer mains suspended from the bridge.

Another major weakness and risk to the Village water system is its current water storage capacity, limited fire flows and limited system pressures do not meet the minimum requirements of the Fire Underwriters Survey (FUS) or the Master Municipal Construction Documents (MMCD) to adequately protect its community. See breakdown of minimum requirements below:

- **System Pressures** = 40psi or greater.
- **Fire Flows** = 50L/s for residential and 150L/s for commercial (133L/s recommended).
- **2014 Water Storage (entire community) =** 1,148,000 Litres
- **2034 Water Storage (entire community) = 2,500,000 Litres**

#### Water Storage is currently 909,000 Litres

<u>System Pressures</u> are adequate for the entire community except for the Tower Bench Area and are as low as 14.0psi.

<u>Fire Flows (East Side of Bulkley River)</u> are **inadequate** for the entire community. The following fire flows are indicated below and are shown on the attached map:

- Tower Bench Area = 3.81 - 4.15 L/s (residential)

- <u>Downtown Area</u> = 4.35 - 5.46 L/S (mixed residential and commercial) - <u>Highway</u> = 4.39 - 4.44 L/S (mixed residential and commercial)

<u>Fire Flows (West Side of Bulkley River)</u> are **inadequate** for some areas of the community. The following fire flows are indicated below:

Cottonwood Flats = 9.52 - 14.41 L/s (residential)
 Walnut Street = 11.15 - 22.11 L/s (residential)
 Willow Street = 19.00 - 28.84 L/s (residential)

If the Village is granted permission to construct the proposed Trobak Reservoir its system pressures and fire flows would increase dramatically. The cost to make these additional improvements is \$2,250,000 which includes Engineering pre-design, design, construction management and scheduling, and project completion. The Village has attached two Engineering reports from OPUS DaytonKnight with its Crown Land Tenure Application for reference. These reports analyzed our current distribution systems, noted the existing deficiencies within the systems, and provided recommendations for improvements to these systems to help improve for fire flows, water storage and system pressures.

Using Statistics Canada and modelling software the Village is able to predict future projection of growth by 696 persons, a 34% population increase by the year 2034. The results of these predictions are shown below in two scenarios.

<u>Water Storage</u> proposed 1,600,000 Litres plus existing 909,000 Litres Morris Reservoir <u>System Pressures</u> are **adequate** for the entire community.

<u>Fire Flows</u> are **vastly improved** throughout the entire community. The following fire flows are indicated below:

- Tower Bench Area = 28.73 - 143.04 L/s (residential)

Downtown Area = 68.42 - 82.10 L/S (mixed residential and commercial)
 Highway = 49.81 - 70.45 L/s (mixed residential and commercial)

Cottonwood Flats = 63.10 - 115.33 L/s (residential)
 Walnut Street = 73.41 - 122.01 L/s (residential)



- Willow Street = 22.35 - 127.40 L/s (residential)

Once the Village is granted permission to construct the proposed Trobak Reservoir it will then look at completing the final improvements required to upgrade the entire distribution system. The cost to make these additional improvements is \$408,000 which includes Engineering predesign, design, construction management and scheduling, and project completion. See below the following improvements to the water system with the final upgrades to the existing water distribution system.

Water Storage proposed 1,600,000 Litres plus existing 909,000 Litres Morris Reservoir <u>System Pressures</u> are **adequate** for the entire community.

<u>Fire Flows</u> are **adequate** for the entire community. The following fire flows are indicated below:

- <u>Tower Bench Area</u> = 33.21 - 141.43 L/s (residential)

Downtown Area = 123.66 - 139.12 L/S (mixed residential and commercial)
 Highway = 51.34 - 123.70 L/s (mixed residential and commercial)

Cottonwood Flats
 Walnut Street
 Willow Street
 E 63.63 - 122.49 L/s (residential)
 T 76.33 - 126.62 L/s (residential)
 Willow Street
 22.52 - 131.71 L/s (residential)

#### Project Schedule

Approval of 2015 Building Canada Small Communities Fund - August 2015

Detailed Design..... - August 2015 - February 2016

Tendering...... - March 2016

Construction..... - May-October 2016

#### 4. First Nations

There are no known aboriginal sites or known archeological sites within our application area. There have been no formal communications between the Village of Telkwa and the Office of the Wet'suwet'en, except for a letter of introduction and communication to our project.

#### 5. Environmental

#### a. Land Impacts

Installation of our proposed access road, water main and reservoir will consist of standard construction practices following both the MMCD and Village of Telkwa Subdivision and Development Servicing Bylaw No. 642, 2014. See attached to our Crown Land Tenure application, a copy of the Village Bylaw No.642, 2014 and typical trench details from the MMCD.

The proposed gravel access road, overtop of our proposed water main, will be 5m wide and travel approximately 1200 m to the reservoir site. There will also be a power supply line install along or within the utility right-of-way from Telegraph Street to the new reservoir site. The requested Utility Right-of-Way will need to be a 10.0m wide to accommodate the installation of the utility water line and/or power line.



The Utility Right of Way is proposed to follow an existing trail network to minimize and environmental or ecological impacts to the area. There are no long term adverse environmental effects anticipated from this utility corridor and reservoir construction. During construction there will be vegetation cutting, land clearing, tree falling for the road width and the reservoir footprint. Visual impact for the road corridor and the reservoir are minimal as the area is also surrounded by forest on both sides. The Road will be constructed with suitable pit run gravel material. Ditches and culverts may be required to ensure proper drainage and avoid erosion in critical areas and will be dealt with when and if these concerns arise during construction. Native earth removed will be stockpiled for backfilling and reused for the infill of ditches and the road, where applicable. Unsuitable earth will be removed from the site and disposed of in an appropriate manner and reclaimed lands will be seeded with native vegetation. The road will be used occasionally by our village works staff for routine inspections or maintenance. Traffic volume will be restricted to Village staff and infrequent. Seasonal plowing of the access road will be done by our works staff in order to keep the road open for our staff inspections or maintenance.

The reservoir site will be enclosed with an 8ft fence and a lockable gate on the access road to restrict access of unauthorized personnel to the immediate reservoir site. Infrequent visits to the site will be done, only by our works staff, and like all of our municipal sites, will have a safety protocol for access. The adjacent lands outside the request crown lands are within the Village of Telkwa and are zoned residential and comprehensive development and are either occupied or vacant. No septic is planned on site as this site will not be a staffed location.

There are no existing agricultural uses of the lands we are requesting and no existing agricultural uses of the lands adjacent to the requested lands.

The Village drinking water quality would not be compromised during construction and would be at the same high level of quality during and after construction - No Negative Impacts.

#### b. Atmospheric Impacts

The only noise anticipated would occur during the construction process over an approximate 6 month timeframe. The operation and maintenance of the utility road and the reservoir will result in no noise disturbances, no odor and little to no gas or fuel emissions created by the Village works department during these routine maintenance or winter road snow plowing.

#### c. Water or Land Water Impacts

The Village anticipates no negative drainage impacts as road construction will take into account the necessary ditches/culverts required to maintain the current ecosystems.

The Village anticipates no sedimentation, no water diversion and no flood potential with this project.

The Village anticipates no negative impacts on water diversion, quality or flooding.

There will be no negative impact on the public or access to the lands requiring access.

#### d. Fish and Wildlife

This project, both during construction and maintenance, should have no negative impact upon fish or wildlife habitat. There are no known bodies of water in the area, so no disturbance to fish or marine habitat will occur. There are no known threatened or endangered species in the area.

#### 6. Socio-Community

#### a. Land Impacts

This Crown Land is not a public recreation area; however, the Village of Telkwa has an existing Crown Land Agreement, License 635995, for community walking trails. In this document there is reference to a management plan schedule, but no plan attached.

There are no known land management plans for this area that the Village of Telkwa is aware of.

#### b. Socio-Community Conditions

This project does not represent an increased demand on fire protection or emergency services for the crown lands sought.

This project – with the increased water storage for our municipality – represents a positive impact on our fire protection and emergency services as it increases our water system reliability.

#### 7. Conclusion

The current Village of Telkwa water distribution system does not have the required water storage to meet its community needs. The Village cannot provide adequate fire protection to ensure sufficient protection services to its community and is limited to the amount of development it can provide, as a result. Without a new water main and water storage reservoir on Trobak Hill, the Village of Telkwa will continue to operate its municipality at RISK.

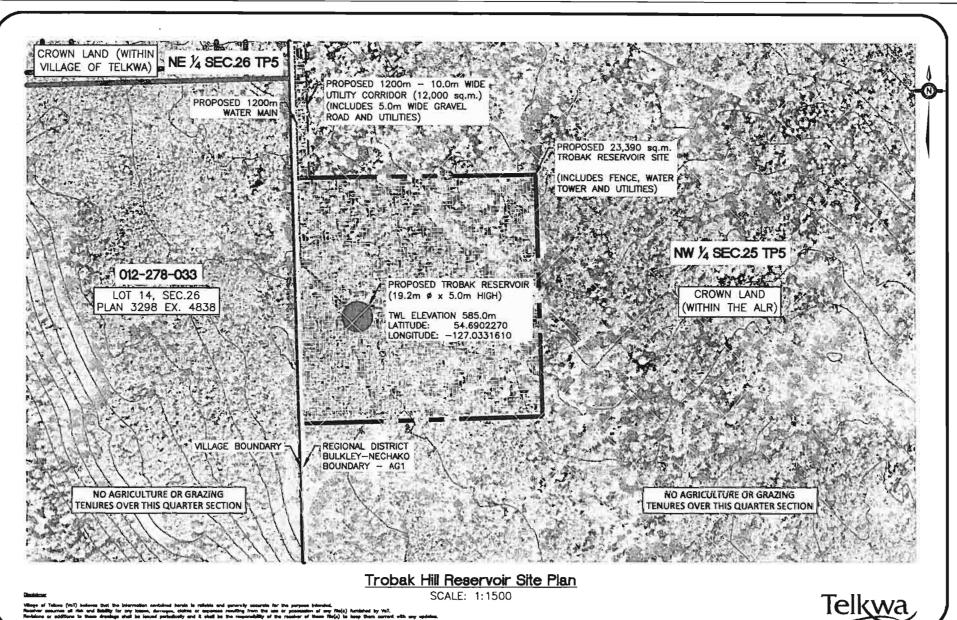
In addition to removing the risk to the community by providing adequate fire protection services, the construction of a new Reservoir would allow opportunity for residential growth, commercial growth which is part of our long term planning and long anticipated step in enabling our continued growth. Telkwa is one of the few small northern communities to have a consistent growth rate and this expansion of our water system is necessary to best provide for this growth – both for existing and future residential and commercial areas of our municipality.

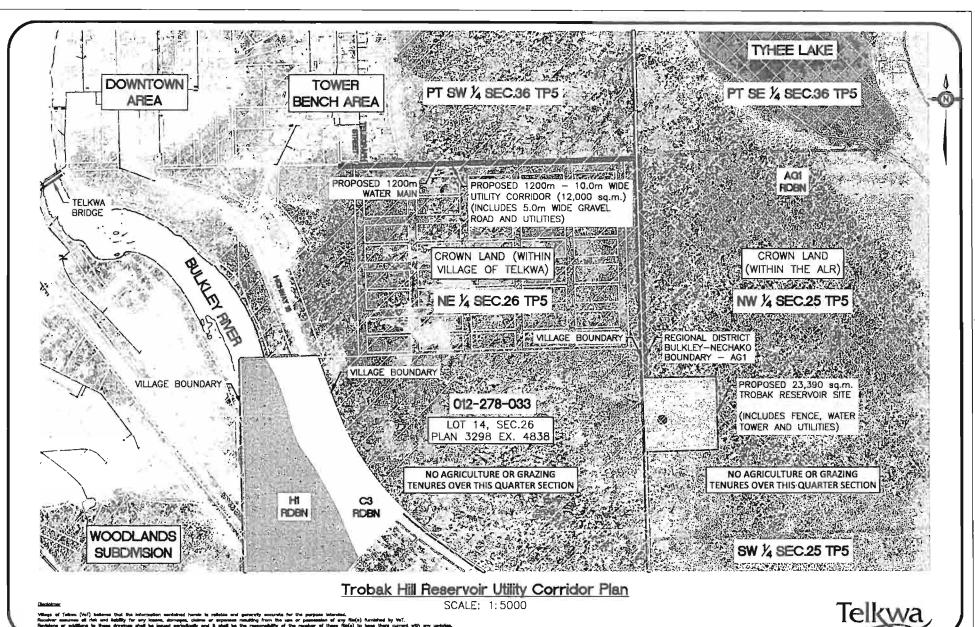
#### 8. Mapping

Trobak Hill Reservoir Location Map Trobak Hill Utility Corridor Plan Trobak Hill Troback Reservoir Site Plan

All mapping is submitted with the Crown Land Tenure Application.







# **Burns Lake Broadband**

Regional District of Bulkley Nechako

#### **Project Summary**

ABC Communications plans to develop an affordable, reliable, high-speed broadband network in the Burns Lake and surrounding area. ABC will develop the infrastructure to drive the fastest fixed wireless technology available today; 4G LTE provides the most reliable and fastest internet experience available in both urban and rural deployments. With 4G LTE, a key benefit for rural deployments is the exceptional coverage and non line-of-sign capabilities to service homes and businesses that were previously unserviceable by other wireless technologies. With 4G LTE, streaming HD Video while video conferencing with family on multiple devices at the same time is now a reality.

#### **Technology**

ABC's residential and business 4G LTE Internet services will provide customers the flexibility to choose the package that suits their needs; with ABC's wide variety of internet service offerings ranging from 1 Mbps to 10 Mbps and beyond; the future of rural broadband is now. 4G LTE's scalability is key to supporting high-speed broadband networks of not only today; but also well into the future. 4G LTE's ability to provide Internet packages of up to and over 10 Mbps, through a small, medium or large customer base, and over some of the most challenging conditions and terrain that we face in British Columbia today.

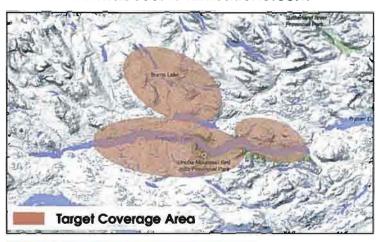
#### **Regional Benefits**

The availability of broadband Internet is a transformative socioeconomic enabler for underserved communities. Rural businesses now have opportunities to expand into new markets, efficiency and support is now just a click away. Education, government services, and entertainment are now accessible to homes and libraries. Access to broadband Internet supports economic growth within communities; encouraging families and businesses to make their homes in small towns across BC. ABC believes that with the support of the Regional District of Bulkley Nechako, the community in and around Burns Lake will experience tangible benefits from the availability of highspeed broadband Internet.





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#### **Population Coverage**

	Dwellings	Population
First Nations	870	2480
2011 Census Stats	2385	5206
Projected community uptake over 36 months	678	

# **Funding**

	%	Funding
Industry Canada	55	\$325,862.90
ABC Communications	50	\$266,615.10
Other		
Totals	100	\$592,478.71

#### List of Communities and Areas

Burns Lake, Verdun, Olson, McFee, Sheraton, East Fracois, Savory & Gerow

# Sinkut Mountain Broadband

Regional District of Bulkley Nechako

#### **Project Summary**

ABC Communications plans to develop an affordable, reliable, and sustainable high-speed broadband network on Sinkut Mountain to serve Vanderhoof and surrounding areas. ABC will develop the infrastructure to deliver the fastest fixed wireless technology available today; 4G LTE provides the most reliable and fastest Internet experience available in both urban and rural deployments. With 4G LTE, a key benefit for rural deployments is the exceptional coverage and non line-of-sign capabilities to service homes and businesses that were previously unserviceable by other wireless technologies. With 4G LTE, streaming HD Video while video conferencing with family on multiple devices at the same time is now a reality.

# **Technology**

ABC's residential and business 4G LTE Internet services will provide customers the flexibility to choose the package that suits their needs; with ABC's wide variety of internet service offerings ranging from 1 Mbps to 10 Mbps and beyond; the future of rural broadband is now. 4G LTE's scalability is key to supporting high-speed broadband networks of not only today; but also well into the future. 4G LTE's ability to provide Internet packages of up to and over 10 Mbps, through a small, medium or large customer base, and over some of the most challenging conditions and terrain that we face in British Columbia today.

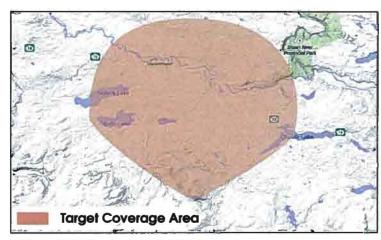
### **Regional Benefits**

The availability of broadband Internet is a transformative socioeconomic enabler for underserved communities. Rural businesses now have opportunities to expand into new markets, efficiency and support is now just a click away. Education, government services, and entertainment are now accessible to homes and libraries. Access to broadband Internet supports economic growth within communities; encouraging families and businesses to make their homes in small towns across BC. ABC believes that with the support of the Regional District of Bulkley Nechako, the community in and around Vanderhoof will experience tangible benefits from the availability of high-speed broadband Internet.





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#### **Population Coverage**

	Dwellings	Population	
First Nations	239	956	
2011 Census Stats	2546	6701	
Projected community uptake over 36 months	540		

# **Funding**

_	%	Funding
Industry Canada	55	\$51,698.10
ABC Communications	50	\$51,698.10
Other		
Totals	100	\$93,996.55

#### List of Communities and Areas

Vanderhoof, Saik'uz



# Fraser Mountain Broadband

Regional District of Bulkley Nechako

### **Project Summary**

ABC Communications plans to develop an affordable, reliable, and sustainable high-speed broadband network in the Fraser Mountian and surrounding areas. ABC will develop the infrastructure to deliver the fastest fixed wireless technology available today; 4G LTE provides the most reliable and fastest Internet experience available in both urban and rural deployments. With 4G LTE, a key benefit for rural deployments is the exceptional coverage and non line-of-sign capabilities to service homes and businesses that were previously unserviceable by other wireless technologies. With 4G LTE, streaming HD Video while video conferencing with family on multiple devices at the same time is now a reality.

# **Technology**

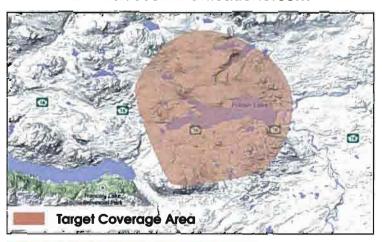
ABC's residential and business 4G LTE Internet services will provide customers the flexibility to choose the package that suits their needs; with ABC's wide variety of internet service offerings ranging from 1 Mbps to 10 Mbps and beyond; the future of rural broadband is now. 4G LTE's scalability is key to supporting high-speed broadband networks of not only today; but also well into the future. 4G LTE's ability to provide Internet packages of up to and over 10 Mbps, through a small, medium or large customer base, and over some of the most challenging conditions and terrain that we face in British Columbia today.

### **Regional Benefits**

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#### **Population Coverage**

	Dwellings	Population	
First Nations	269	1074	
2017 Census Stats	2546	6701	
Projected community uptake over 36 months	143		

# **Funding**

	%	Funding
Industry Canada	50	\$70,724.80
ABC Communications	50	\$77,724.80
Other		
Totals	100	\$154,229.60

#### List of Communities and Areas

Fort Fraser, Nadleh Whuten, Stellat'en



# Yekooche, Tache Broadband

Regional District of Bulkley Nechako

#### **Project Summary**

ABC Communications plans to develop an affordable, reliable, and sustainable high-speed broadband network in the Fort St James, Yekooche, Tache and surrounding area. ABC will develop the infrastructure to deliver the fastest fixed wireless technology available today; 4G LTE provides the most reliable and fastest Internet experience available in both urban and rural deployments. With 4G LTE, a key benefit for rural deployments is the exceptional coverage and non line-of-sign capabilities to service homes and businesses that were previously unserviceable by other wireless technologies. With 4G LTE, streaming HD Video while video conferencing with family on multiple devices at the same time is now a reality.

#### **Technology**

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### **Regional Benefits**

The availability of broadband Internet is a transformative socioeconomic enabler for underserved communities. Rural businesses now have opportunities to expand into new markets, efficiency and support is now just a click away. Education, government services, and entertainment are now accessible to homes and libraries. Access to broadband Internet supports economic growth within communities; encouraging families and businesses to make their homes in small towns across BC. ABC believes that with the support of the Regional District of Bulkley Nechako, the communities surrounding Fort St James, Yekooche and Tache will experience tangible benefits from the availability of high-speed broadband Internet.





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### **Population Coverage**

	Dwellings	Population
First Nations	492	1969
2011 Census Stats	1355	1429
Projected community uptake over 36 months	99	

# **Funding**

	%	Funding
Industry Canada	50	\$207,348.50
ABC Communications	50	\$207,348.50
Other		
Totals	100	\$414,697.07

#### List of Communities and Areas

Fort St James, Tache, Yekooche

# Cluculz Lake Broadband

Regional District of Bulkley Nechako

#### **Project Summary**

ABC Communications plans to develop an affordable, reliable, and sustainable high-speed broadband network in the Cluculz Lake and surrounding area. ABC will develop the infrastructure to deliver the fastest fixed wireless technology available today; 4G LTE provides the most reliable and fastest Internet experience available in both urban and rural deployments. With 4G LTE, a key benefit for rural deployments is the exceptional coverage and non line-of-sign capabilities to service homes and businesses that were previously unserviceable by other wireless technologies. With 4G LTE, streaming HD Video while video conferencing with family on multiple devices at the same time is now a reality.

#### **Technology**

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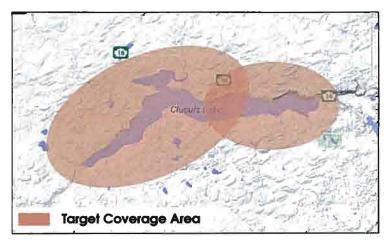
### **Regional Benefits**

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# **Population Coverage**

	Dwellings	Population
First Nations	0	0
2011 Census Stats	324	551
Projected community uptake over 36 months	164	

# **Funding**

	%	Funding
Industry Canada	50	\$102,507.64
ABC Communications	50	\$102,507.64
Other		
Totals	100	\$205,015.29

#### List of Communities and Areas

Culculz Lake