

Sept 1 ,2018

Yahk Area Communications Society  
Site Management Plan

Crown Land Tenure Application Number:100255305

Project Manager: Penny AP Anderson (Current May 16 2018)  
Jon Pritchard past 2008- May 15 2018  
Projected Start Date: June 2008  
Projected Completion: July 2019

## Section A

### Project Overview

#### Project and purpose

To Lease 8 communication sites on Crown Land from Moyie to Kingsgate BC for 30 years. Our Mission has been to provide affordable yet sustainable wireless internet for underserved area's.

We have an existing network starting at the Yahk Community Hall where our point of presence is located. Our society created this over 10 years ago through the provincial governments Connecting Communities program. We are looking to legitimize our locations on Crown Land.

#### Location, size, and main features of project

##### Locations

1. Moyie: proposed. size 0.005 ha Located at Moyie BC.
2. Irishman: proposed – Size 0.005 ha located at Irishman Creek BC
3. Ryan: proposed – Size 0.005 ha located at Ryan Station BC
4. Hawkins: existing – Size 0.005 ha located at Hawkins Creek BC.
5. Grouse: (existing) - size:0.05 ha located at Grouse Mountain BC.
6. King: existing - Size 0.05 ha located at King Creek BC.
7. Elmer: existing – Size 0.05 ha located at Elmer Creek BC.
8. Shorty: existing – Size 0.005 ha located at Shorty Creek BC.

##### Main Feature

The main feature of this project includes providing internet service to the surrounding area of Yahk BC including Moyie, Irishman Creek, Ryan Station, and Kingsgate area. Currently we do provide 150 customers including the Yahk Kingsgate Volunteer Fire Department, Yahk Hall, residential and seasonal services.

i. Legal location of site:

Our locations are on crown lands in the Regional District of Central Kootenays with the exception of Moyie, Irishman sites, and Ryan Station which are located in Regional district of East Kootenays.

ii. Antenna Specifications and location:

All towers equipped:

Main Back Haul 5 Watts Power

Additional Technical information is attached

3 sector customer downlink by AM-5G19-120x3

Ground Elevation is 2115m

Height 10m, width 1m

Transmit Frequency range (5.0 GHz)

5 Watts Power additional technical information is attached

## Location

a. General description of:

1. Moyie, Irishman and Ryan: all three YACS proposed sites for the construction of low profile steel triangular self supporting communications towers.
2. Hawkins, King, Elmer and Shorty all existing YACS low profile pole construction communications towers.
3. Grouse: YACS existing 90 ft. self supporting four sided steel communications tower.

b. Access plans (How will you or your clients are accessing the parcel)

Access will be using public service road by two wheel drive vehicles.

c. Traffic including volume of traffic and phase or season

Traffic is minimal if any at all.

Hawkins, Shorty and King all are Dead end landing sites.

d. Seasonal expectations of use; and, Operation functional year round.

e. Land use of parcel, adjacent parcels and surrounding area

Communications antennas adjacent to surrounding areas in clear cut zones.

f. Confirmation of Safety plan including first air.

Safety risk is extremely low for this structure. III. Infrastructure

### **Infrastructure**

a. New facilities or infrastructure proposed and any ancillary uses

New: Antenna Tower and Wooden shed (5 feet X 5 feet X 6 feet) for wireless internet propagation in Moyie, Irishman, Ryan in and around Yahk BC.

Existing:

- a. Grouse four sided steel antenna tower for wireless internet propagation.
- b. Hawkins, King, Elmer, Shorty: Pole construction antenna towers for wireless internet propagation.

b. Existing and proposed roads and their use by season, any proposed connection to public or FSR roads

Crown land road already existing will be used to commute to the site year round.

c. Aquatic Impacts

No aquatic environment is existent in or around the area. Therefore no impact will be caused.

d. Fish and Wildlife Habitat

No fish are located around the area and wildlife habitat impact is minimal due to the proposed/existing sites being below treeline and in a heavily disturbed by logging clear cut activity.

## 11. Socio-Community

### a. Land Use

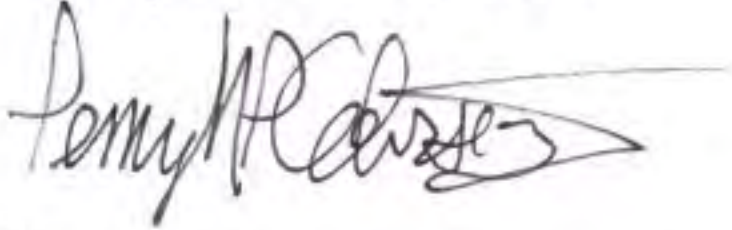
The proposed location has been impacted by past skid steer and mechanised wood fibre extraction. Land will be restored to original vegetated turf after construction of the low profile tower. The existing Grouse tower impact if at all is a concrete foundation of 4 pillars of approximately 100 cubic ft. each. The impact if at all is minimal. There is no public recreation activity in the local area.

### b. Socio-Community Conditions

The community has benefitted from our services, as we are providing high speed internet in the area. This has and will help with communication, safety, and general work. Our society now considers internet as an essential service and we want to continue to help bring this to the Underserved area's.

Yahk Area Communications Society

Penny AP Anderson



Signature

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