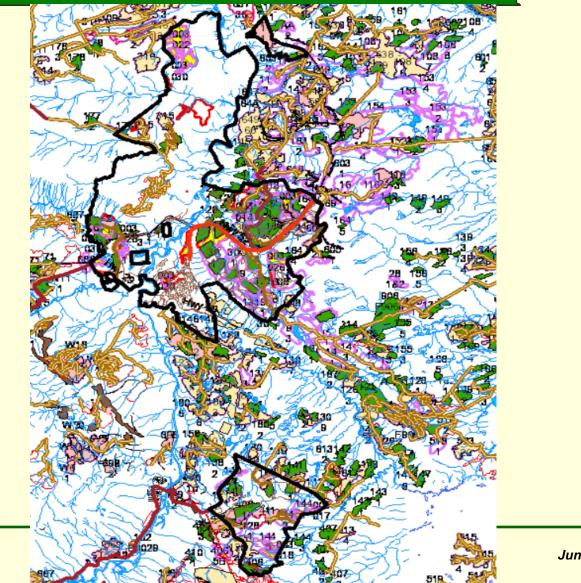
# Community Forest Data Management and Wildfire Interface Program



## Four Focus Areas

- 1. Operational Planning
- 2. Strategic Planning
- 3. Wildfire Interface Management
- 4. Forest Practices Board Audit Essentials

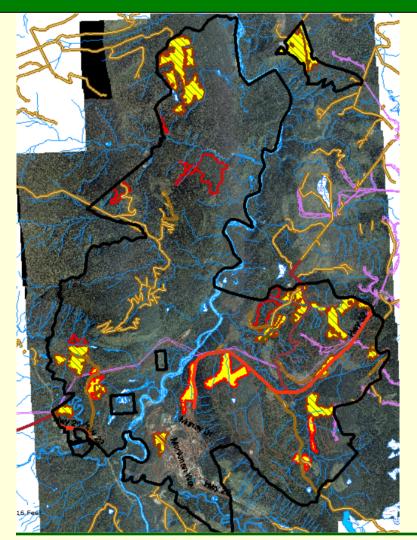
## Tumbler Ridge Community Forest Corp Snapshot



Pacific Forestry Consulting

June 15, 2017

### Tumbler Ridge Community Forest Corp Snapshot 2014 Imagery





## **Operational Planning**

- Forest inventory
- Multiple imagery files
- Management zones
  - ✓ Visual polygons
  - ✓ Bio geoclimatic zones
  - ✓ Arch potential
  - ✓ Trappers and guides
  - ✓ Town legal boundary
- CP Blocks
  - ✓ Roads planned, located, built
  - ✓ Harvested, planted, brushed

#### Tumbler Ridge Community Forest Corp Ski Trail and Cabin - 2013 High Resolution Imagery

esults			
ap Contents			
🗄 🗹 Trails			
🗉 🗌 Forest Tenure Trails			
Forest Health			
🗉 🗌 Forest Health Overview 2011			
✓ Other Tenure			
🗉 🗹 Windpower Roads			
ORTHOS Colour			
🗄 🗹 093p016.tif			
🗄 🗹 093p026.tif			
🗉 🗹 93p006.tif			
ORTHOS B&W			
🗉 🗹 bc_93ine.tif			
🔳 🗹 bc_93psw.tif			
🛛 🗹 High Res Imagery			
🗉 🗹 High Res Imagery (10cm)			
ROMAN LIDAR Images			
🗉 🗹 ROMAN LiDAR Images			
2014 Orthos North			
Photo Centers			
🗉 🗌 Flight Lines			
Photo Index North			
🗄 🗹 2014 Orthos North			
2014 Orthos South			
Photo Centers			
Flight Lines			
🗉 🗌 Photo Index South			

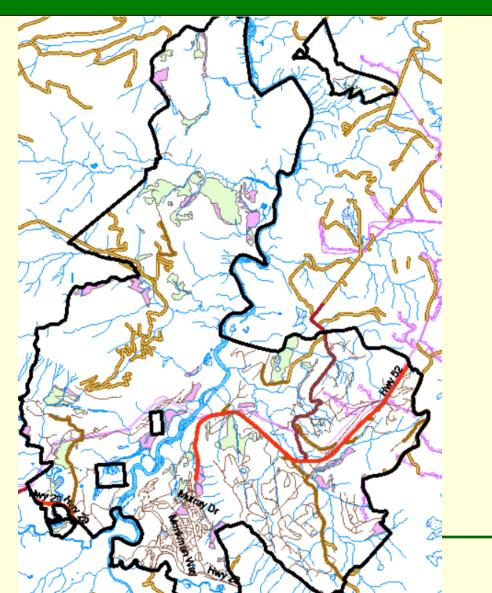
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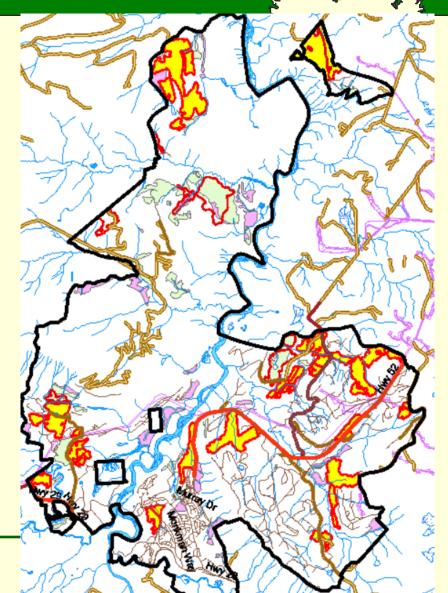
#### Tumbler Ridge Community Forest Corp Planned Blocks 9/10 Arch, Visual, Block, WTP, and Roads http://webmap.ecora.ca/tumble imes + ( webmap.ecora.ca/tumblerridge2/ G **Q** Search 📕 Bookmarks 🛞 Prince George Barracu... 🗾 Sign in to Scotiabank ... 🧇 MD Management - Io... 🛄 Exchange Rates - Ban... 👾 CRA login services 🛞 http://webmap.ecora.... 😻 icschool.ca :: Home Tumbler Ridge Data Management Tool 1:14,704 Go 4ap Conten SHXX Treated Areas ■ ✓ Forestry 2014/15 VRI Community Forest Inventory (Old) Context Inventory 🗉 🗹 Old Growth Management Areas Mortality Classes 😑 🗹 Management Zones Visual Landscape Inventory Preservation Modification Partial Retention Retention 🔳 🗌 Visual Quality Objectives Guide/Outfitters Trapline Ungulate Winter Range High Archaeological Potential $\mathbb{Z}^{2}$ 🔳 🗌 Archaeological Zones 🖃 🗌 Netdown Metdown Ecology Natural Disturbance Units 🗉 🗌 Landscape Units Biogeoclimatic Zones (v7) Biogeoclimatic Zones (v8) Biogeoclimatic Zones (v9) へ 🕂 🌰 🐝 🖫 ゆ) 🚃 ENG 10:04 AM 5/25/2017 P $\mathbf{v}$ റ

## **Strategic Planning**

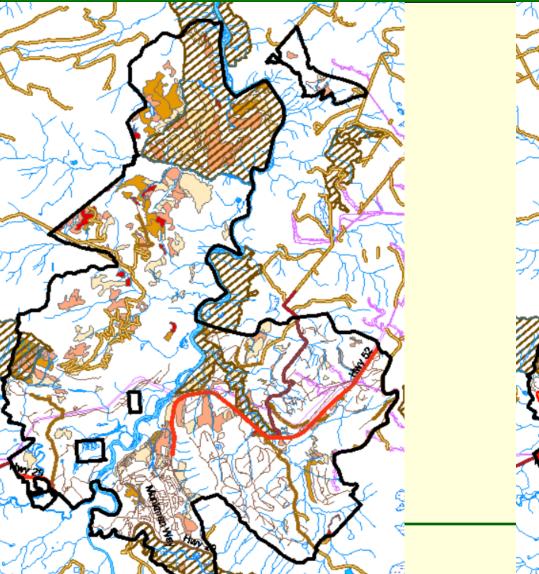
- Forest inventory
- Imagery
- Visual
- Arch
- Trappers and Guides
- Mortality theme
- Patchworks Theme
- Find timber

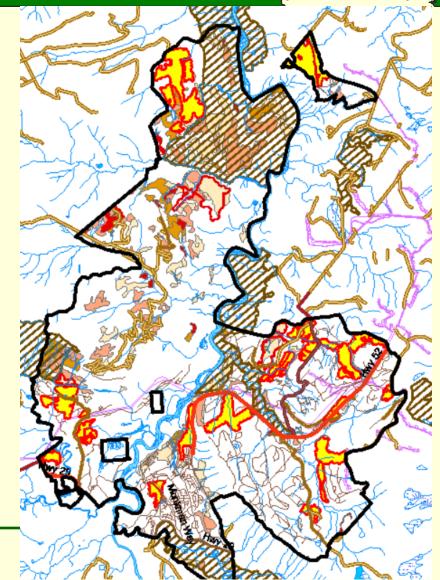
# Tumbler Ridge Community Forest Corp Patchworks Results Harvest Plans



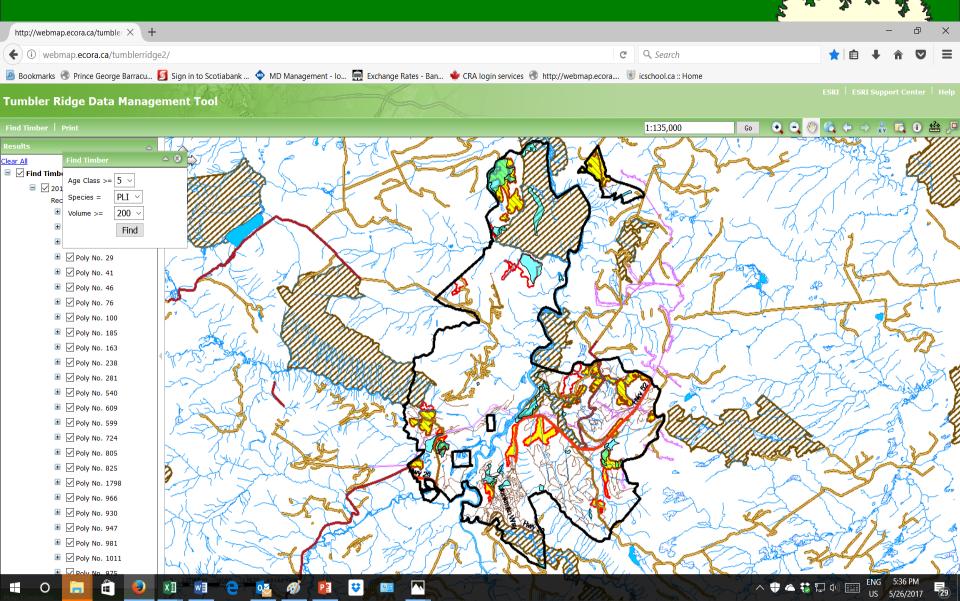


# Tumbler Ridge Community Forest Corp Mortality Theme Results Harvest Plan/Complete





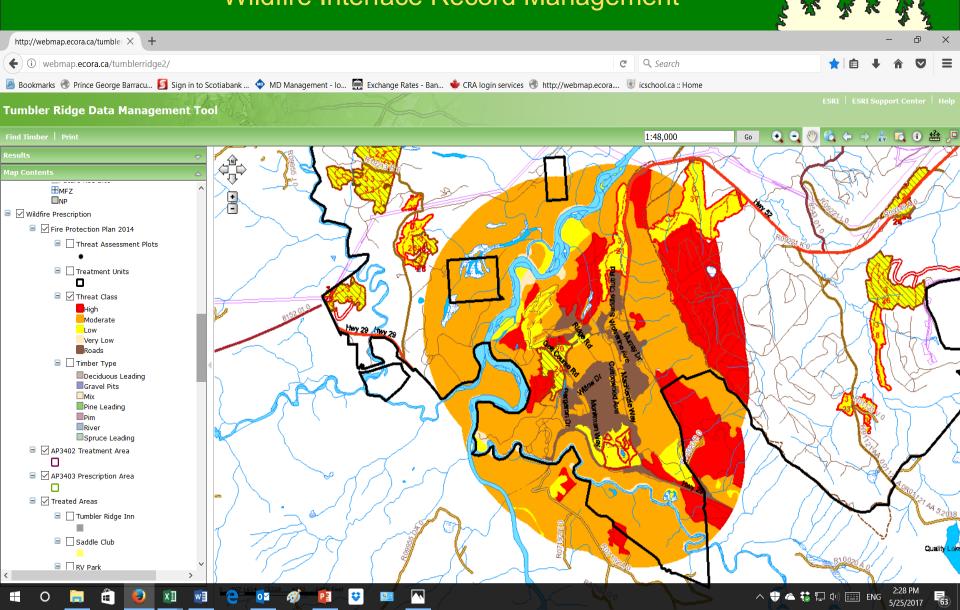
# Tumbler Ridge Community Forest Corp



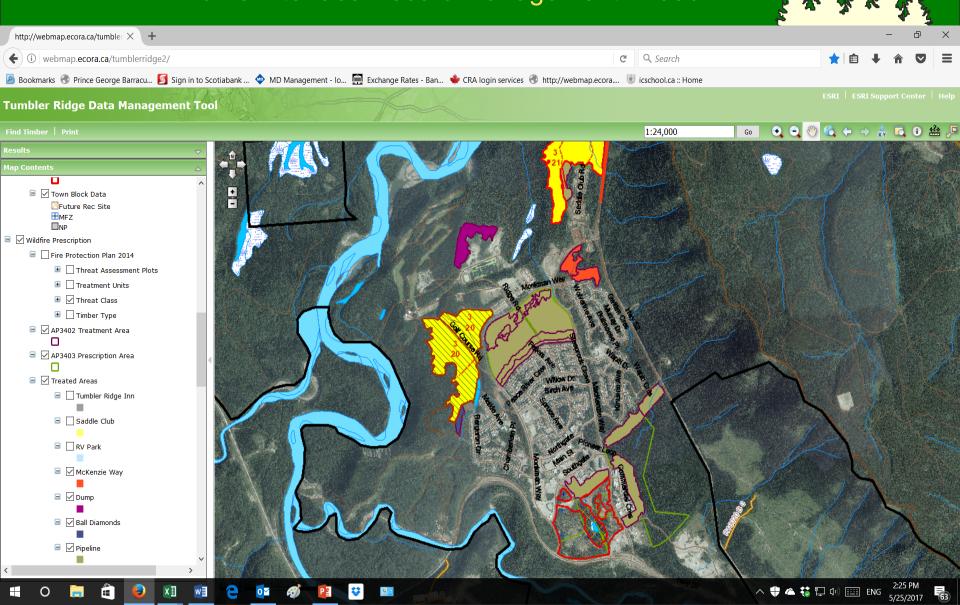
## Wildfire Interface Record Management

- Community Wildfire Protection Plan
- Treatment history
- Treatment planning
- Land ownership
- Communication use map tool to provide imagery date for various communication processes

# Tumbler Ridge Community Forest Corp Wildfire Interface Record Management



# Tumbler Ridge Community Forest Corp Wildfire Interface Record Management - 2006-14



### Tumbler Ridge Community Forest Corp **Social Licence**

#### TUMBLER RIDGE FOREST

Public Notice Public Notice Forest - The Pould Forest 2013 Villdfire Prescription for Local Forest - November 2013 Planned Treatment Schedule - November 2013

We are looking your participation in Tumbler Ridge Community Forest.

#### Quarterly Public Meeting

Thursday May 18th, 2017 5:00 pm.

- We are looking for your input on topics such as:
- How the Community Forest is progressing so far?
- What are the plans for the next few years What is the Community Forest doing regarding Community Wildfire Protection?
- How to apply for upcoming grant funds.
- Where is the Community Forest expanding?
- Where would you like to see Community Forest \$ reinvested?



Council Chambers Thursday - May 18th. 2017 5:00 pm

#### Come out and be heard! The management of the forest is in your hands We are soliciting your input. ticipate in the Boards manage forest that surrounds Tumbler Ridge



#### Public Notice

Community Forest Planned Harvest North of Horse Stables Planned Harvest Schedule - August/Fall 2016

#### Objective:

The Community Forest has been approached to develop a horse/snowshoe/multiuse nonmotorized trail to connect Quality Canyon Trail to a trail route from the horse stable area north of town. The Community Forest is planning this area to harvest to facilitate this connection. The area is in moderate to high wildfire threat class within 2 km radius of town. Treating the area to moderate wildfire behaviour is also objective of the harvest prescription.

#### Description:

The proposed area is crown land within the Community Forest licence area. The forested area is approximately 51 ha of over-mature timber in a state of decay (See Mortality map that illustrates 30-50 % of trees are dead). The forested area is medium to high wildfire threat class (See Wildfire Threat Class Map). A trail system through this forested area is unsafe.

#### Area Prescription:

Nordic Ski Trail

TR Trail

- Once harvested, establish trail bed (see Aerial View of Planned Harvest Area Block 21 dark purple dashed line) from existing block road similar to the Nordic trails for horse. wagons, snowshoe, and non-motorized use.
- Connect to Quality Canyon trail system. Connect trail to Nordic cabin for snowshoe use. Harvest cut to length with Forwarder/Harvester. Retain immature and deciduous trees to create visual corridor from highway. Use faller selection to remove dead and non-wind-firm pruce and pine trees. Lop and scatter tops and branches. Market the timber and pulp logs ile still viable
- vin stems along highway to create visual screen between highway and opening. area after harvest to a recommended wildfire stocking level.
  - e firewood for local use. r site for outdoor shelter along trail route.

ned Harvest Area Block 21 Wildfire Threat Class Map



Your views are important and we would like to hear from you. Please forward your viewpoints or inquires by July 31st 2016 to Tumbler Ridge Community Forest Corp - c/o Duncan McKellar RPF MBA Forest Operations Manager PO Box 523 Tumbler Ridge, B.C. V0C 2W0 Email: dcmckellan@shaw.ca

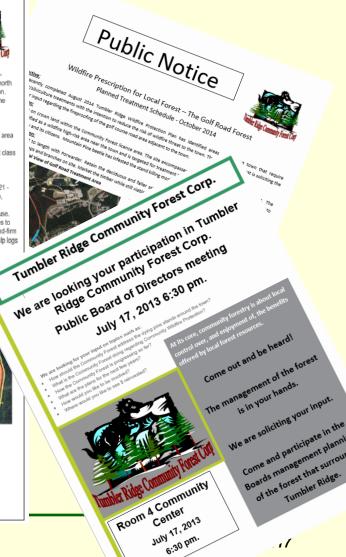
Mortality Classe

30.1% - 40%

40.1% - 50%

50.1% - 60%

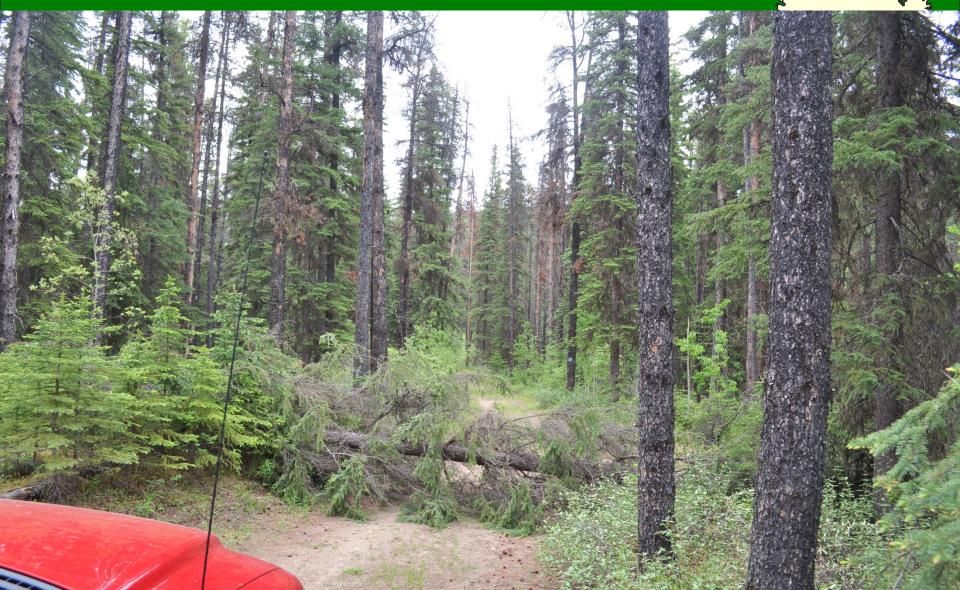
>60.1%



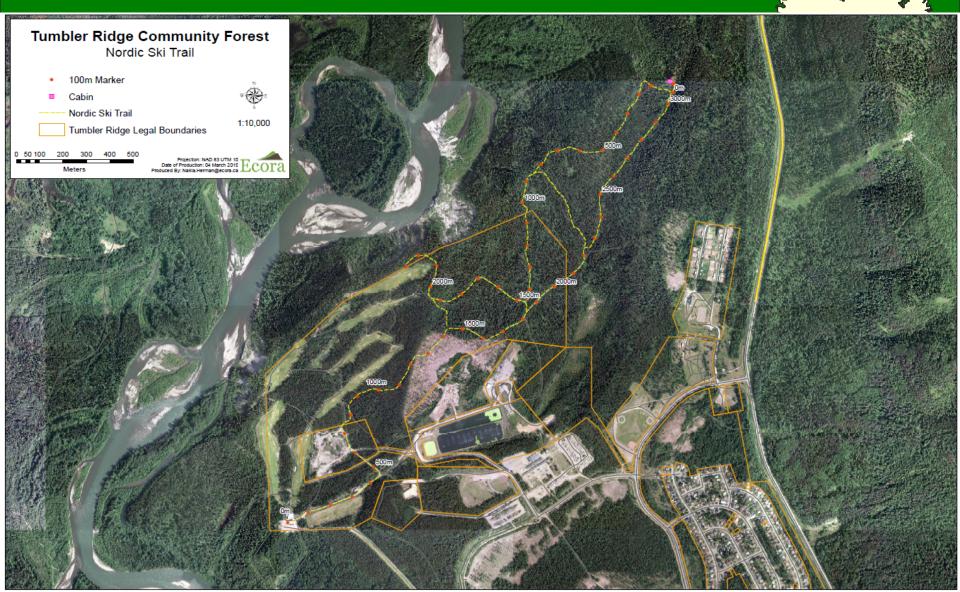
## Tumbler Ridge Community Forest Corp Multi Outcomes, Horse Trails, Wildfire, and Salvage



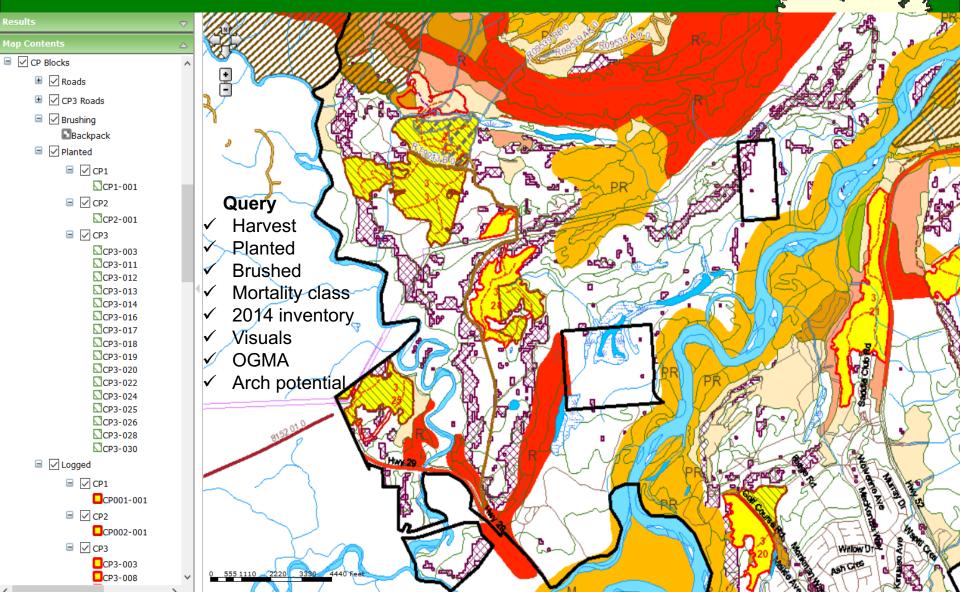
## Tumbler Ridge Community Forest Corp Ski Trails - Building Relationships



### Tumbler Ridge Community Forest Corp Communicate With Maps



## Tumbler Ridge Community Forest Corp Audits – Good Record Management



### Tumbler Ridge Community Forest Corp Road Management one Cutting Permit

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#### Map Contents

- FC Reserves
- RESULTS Cut Blocks January 2017
- 🗄 🗹 RESULTS Openings January 2017

#### 🖃 🗹 CP Blocks

- 😑 🗹 Roads
  - Built Road
  - HDeactivated Built Road
  - ---Proposed Road Location
  - Proposed Road GPSed
  - ---Proposed Road Ribboned In Field
- -- Trail
- 🖃 🗹 CP3 Roads
  - -
- Brushing
- 🗄 🗸 Planted
- 🗄 🗹 Logged
- 🗄 🗹 Proposed
- Patchworks Blocks
- 🖃 🗌 TR Townsite
  - 🗄 🗹 Town Block
  - 🗄 🗹 Town Block Data
- Wildfire Prescription
  - 🗄 🗌 Fire Protection Plan 2014
  - 🗄 🗹 AP3402 Treatment Area
  - 🗄 🗹 AP3403 Prescription Area
  - 🗄 🗌 Treated Areas
- Forestry
  - 🗄 🗹 2014/15 VRI

226 452

Contact Inventory

## Tumbler Ridge Community Forest Corp Road Management one Cutting Permit

			Road Ledger				Legend				
							under this blanket permit				
						11	Block accessed				
						-01	Spur ID				
							CF accountability				
							CF Block roads				
	Block								Last	Planned	
СР	#	Road Permit	RP Owner	Road UsePermit	<b>Road Build Date</b>	Length	Deactivated	Action required	Inspection	Inspection	grass seed
CP3	11	Quality FSR	District	Yes			No	None	Aug-16		
CP3	11	CP3-R11-01	TRCF	N/A	Feb-14	1.7	Yes	None	Aug-15		Y
CP3	11	CP3-R11-02	TRCF	N/A	Feb-14	0.1	Yes	None	Aug-15		Y
CP3	11	CP3-R11-03	TRCF	N/A	Feb-14	0.5	Yes	None	Aug-15		Y
CP3	11	CP3-R11-04	TRCF	N/A	Feb-14	0.1	Yes	None	Aug-15		Y
CP3	11	Block Roads	TRCF	N/A	Feb-14	5.9	Yes	None	Aug-15		Y
CP3	12	M Road	Capital Power	?			No	None	Jun-16		
CP3	12	Block Roads	TRCF	N/A	Jul-14	0.5	Yes	None	Aug-16		?
CP3	13	Quality FSR	District	?			No	None	Jun-16		
CP3	13	R09221 B	WF	Yes			No	None	Jun-16		
CP3	13	CP3R13-01	TRCF	N/A	Feb-14	0.5	Yes	None	Jul-15		Y
CP3	13	Block Roads	TRCF	N/A	Feb-14	3.4	Yes	None	Aug-15		Y
CP3	14	Quality FSR	District	?			No	None	Aug-16		
CP3	14	R09221 B	WF	Yes			No	None	Aug-16		
CP3	21	CP3R21-01	TRCF	N/A	Aug-16	0.2	No	ongoing	Sep-16		
CP3	21	Block Roads	TRCF	N/A	Aug-16	2.2	No	ongoing	Aug-16		Ν
CP3	22	R-09539-AH	West Fraser	WF hauled so no RU required				otified WF of road condition			
CP3	22	CP3R22-01	TRCF	N/A	Jun-15	0.05	Yes	None	Aug-16		
CP3	22	CP3R22-02	TRCF	N/A	Jun-15	0.1	Yes	None	Aug-16		
CP3	22	CP3R22-03	TRCF	N/A	Jun-15	0.3	Yes	None	Aug-16		?
CP3	22	Block Roads	TRCF	N/A	Jun-15	10.4	Yes	None	Aug-16		?
CP3	23	R01121-AA	West Fraser	Yes			No	None	Aug-16		
CP3	23	CP3R23-01	TRCF	N/A	Jan-16	0.4	Yes	None	Sep-16		N
CP3	23	Block Roads	TRCF	N/A	Jan-16	0.4	Yes	None	Sep-16		N
CP3	37	CP3R37-01	TRCF	N/A	Jan-17	0.1	Temp	Gravel	Mar-17	May-17	N
CP3	37	CP3R37-02	TRCF	N/A	Jan-17	0.1	Temp	None	Mar-17	May-17	N
CP3	37	Block Roads	TRCF	N/A	Jan-17	4.4	Temp	Decacivate	Mar-17	May-17	N
CP3	8	Block Roads	TRCF	N/A	Feb-17	1.5	Temp	Decacivate	Mar-17	Mav-17	N