



Ministry of  
Forests, Lands and  
Natural Resource Operations

File: 11400-25/R12603

January 28, 2014

Canadian Forest Products Ltd.  
Chetwynd Division  
P.O. Box 180  
Chetwynd, British Columbia  
V0C 1J0

Dear Licensee:

Further to the application received on November 13, 2014 the amendment to Road Permit R12603 is hereby approved.

The amendment is to add Sections AA, AB and F. The timber mark to be used for timber hauled as a result of road construction authorized by this amendment is **48/0R1**

This letter and all attachments form an integral part of Road Permit R12603 and must be attached thereto.

Yours truly,

A handwritten signature in black ink, appearing to read "Todd Bondaroff".

Todd Bondaroff M. Sc.  
District Manager  
Peace Forest District

Enclosure(s): Amended Exhibit A

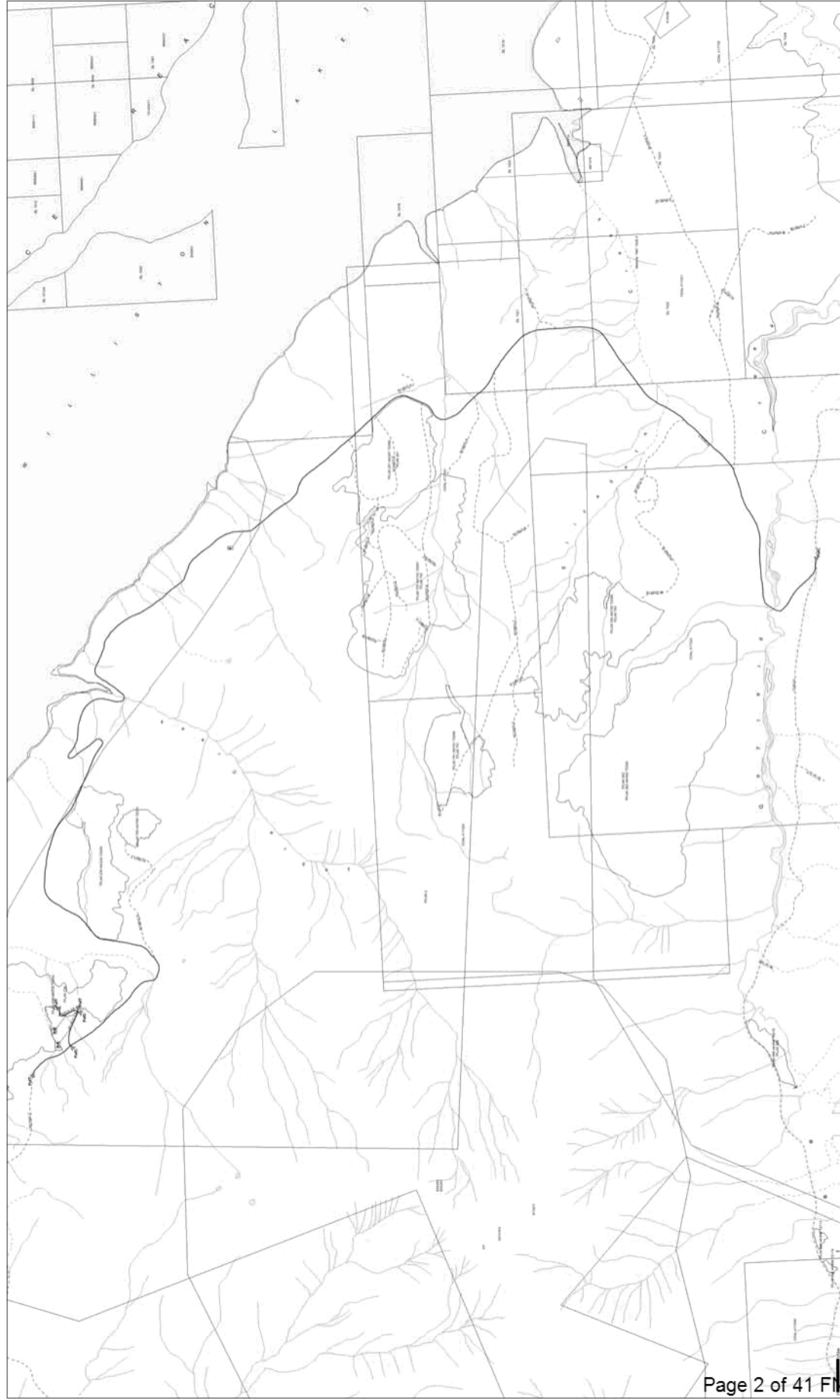


BRITISH  
COLUMBIA

FOREST REGION : RNO FOREST DISTRICT : DPC	ESF SUBMISSION ID : 1358250 BCGS MAPSHEET NO : 94B.009
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SCALE : 1:20000 at D Size  
Length (Km): 19.488

UTM : 10
NAD : NAD83

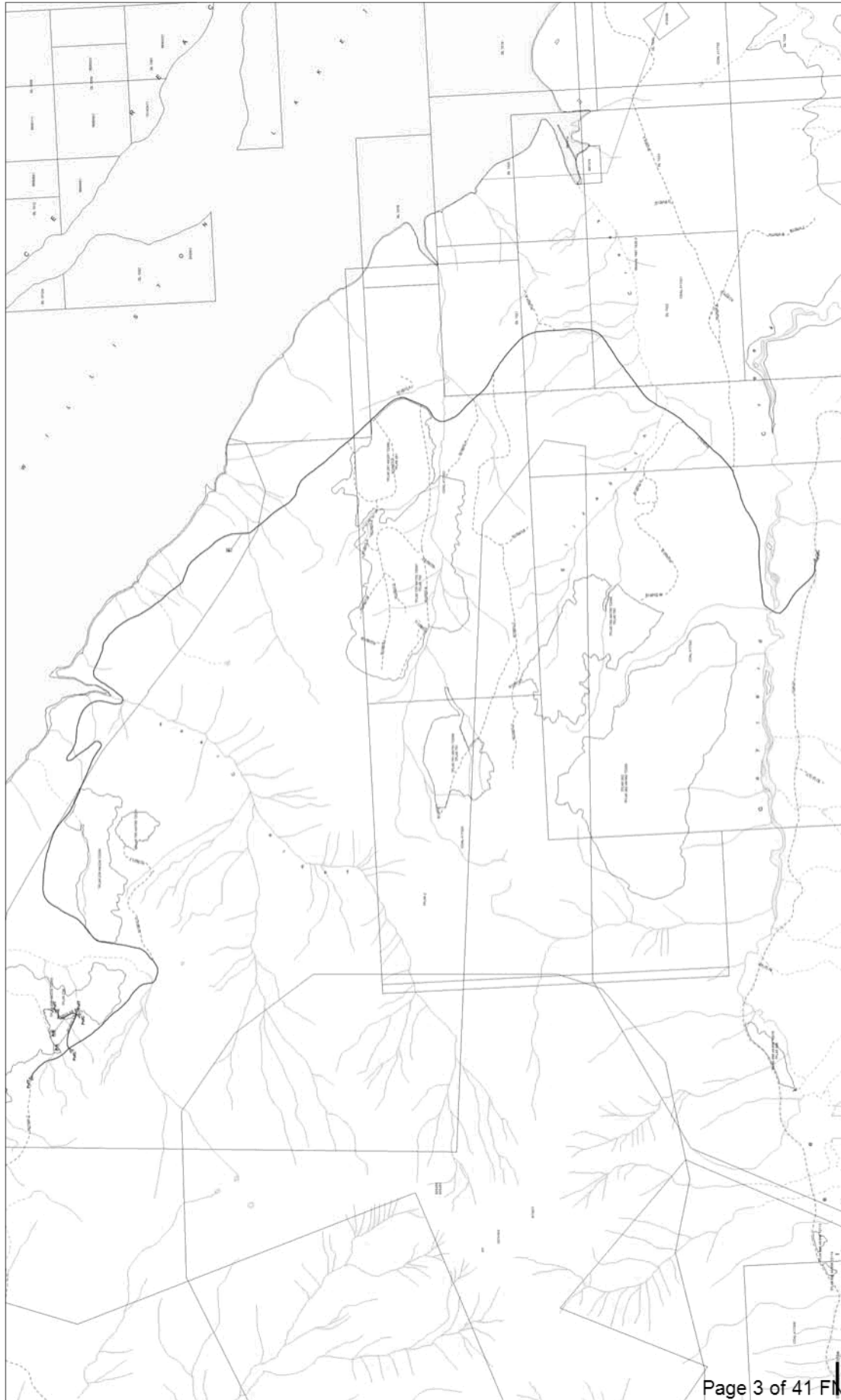
DRAWN BY : FTA  
DATE : Jan 27, 2015

Legend	
Taxus indicata	Alt. Contour (m) 500 600 700 800
Taxus thurgenensis	Area Contour (m) 500 600 700 800
Taxus baccata	Area Contour (m) 500 600 700 800
Refined Taxus Range	Area Contour (m) 500 600 700 800
P-R-C	Area Contour (m) 500 600 700 800
Taxus Habitat	Area Contour (m) 500 600 700 800
Range	Area Contour (m) 500 600 700 800
37%	Area Contour (m) 500 600 700 800
Forest Service Road	Area Contour (m) 500 600 700 800
Highway	Area Contour (m) 500 600 700 800
Marginal Road	Area Contour (m) 500 600 700 800
Recreation Trail	Area Contour (m) 500 600 700 800
Road Point	Area Contour (m) 500 600 700 800
Sign of Way	Area Contour (m) 500 600 700 800
Schedule B-CP Road	Area Contour (m) 500 600 700 800
Minor Taxus Point	Area Contour (m) 500 600 700 800
Recreation	Area Contour (m) 500 600 700 800
View/Quarry	Area Contour (m) 500 600 700 800
Contour (m)	Area Contour (m) 500 600 700 800



# EXHIBIT A

MAP OF: R12603 Amendment # 5 (shown in bold black)		TSA: PAC070		PULPHOOD AGREEMENT: PAC070		MST UNIT TYPE: TIMBER SUPPLY AREA	
FOREST REGION: RNO		LAND DISTRICT: PEACE RIVER DISTRICT		UTM: 10		MST UNIT NO.: 41	
FOREST DISTRICT: DPG		SCALE: 1:20000 at D Size		MAD: NAD83		DRAWN BY: FTA	
ESF SUBMISSION ID: 1356250		Length (km): 19.488				DATE: Jan 27, 2015	
BCOS MAPSHEET NO: 1945.009							



Legend	
	Timber Application
	Timber Harvest Application
	Roaded Timber Harvest
	P-1-C
	P-1-T
	Forest Features
	Range
	TFL
	Provincial Forest
	Provincial Road
	Highway
	Municipal Road
	Road Status Road
	Roadway Line
	RSP Road
	Right of Way
	Schedule B C/F Road
	Road Transit Route
	Other
	Watercourse
	Roadway
UTM: 10	
AA Length: 0.249 km (NW 75 m)	
PAC UTM10 530832 6215174	
AA Length: 0.249 km (NW 75 m)	
AA Length: 0.249 km (NW 75 m)	
PAC UTM10 537162 6215083	
AA Length: 0.249 km (NW 75 m)	
PAC UTM10 537162 6215083	
AA Length: 0.249 km (NW 75 m)	
PAC UTM10 530832 6215174	
AA Length: 0.249 km (NW 75 m)	
PAC UTM10 530832 6215174	

**Canadian Forest Products Ltd.****Chetwynd**

November 13, 2014,

Todd Bondaroff

District Manager, Resource Operations

Ministry of Forests, Lands and Natural Resource Operations

9000 17<sup>th</sup> Street

Dawson Creek, BC

V1G 4A4

**Re: Road Permit Amendment #5 – R12603 – Access to Block T2260 in the Table Creek Area**

Dear Mr. Bondaroff,

We hereby apply for Amendment #5 to Road Permit R12603 to access block T2260. This block is within the Forest Development Unit "TFL 48" of the 2007 – 2017 Forest Stewardship Plan (FSP) and this amendment is under that plan. Information sharing for block T2260 was completed during the 2014 Forest Development Plan (FDP).

The road sections addressed are:

Road Name	Length		Section	Action
	From	To		
T2260.100	0+000	0+392	AA	Allow for access and development of block T2260.
T2260.110	0+000	0+246	AB	Allow for access and development of block T2260.
Table Road	0+000	18+850	F	Re-engineer section F to extend to 18+850 km.

This road permit is being submitted to allow for access to CP 239, block T2260. The block will be submitted under cutting permit at a later date. The harvest areas are consistent with the license content and profile of TFL 48. This Road Permit is consistent with the following FSP Objectives:

- Non-Spatial Old Growth Order
- Wildlife Objectives (not within any UWR/WHA's)
- Landscape level and stand level biodiversity objectives
- Recreation (not near any recreation sites or trails)
- Range (not within or near a range tenure)
- Visual Quality Objectives – Block T2260 is within a Retention VQO polygon. Due to the Lodgepole pine in the block being significantly damaged by mountain pine beetle, it will be difficult to salvage this timber and maintain the Retention EVQO. Therefore, we will be raising the VQO category to Partial Retention in order to achieve the objective, as per section 6.7(a) of Canfor - Chetwynds FSP, 2007.

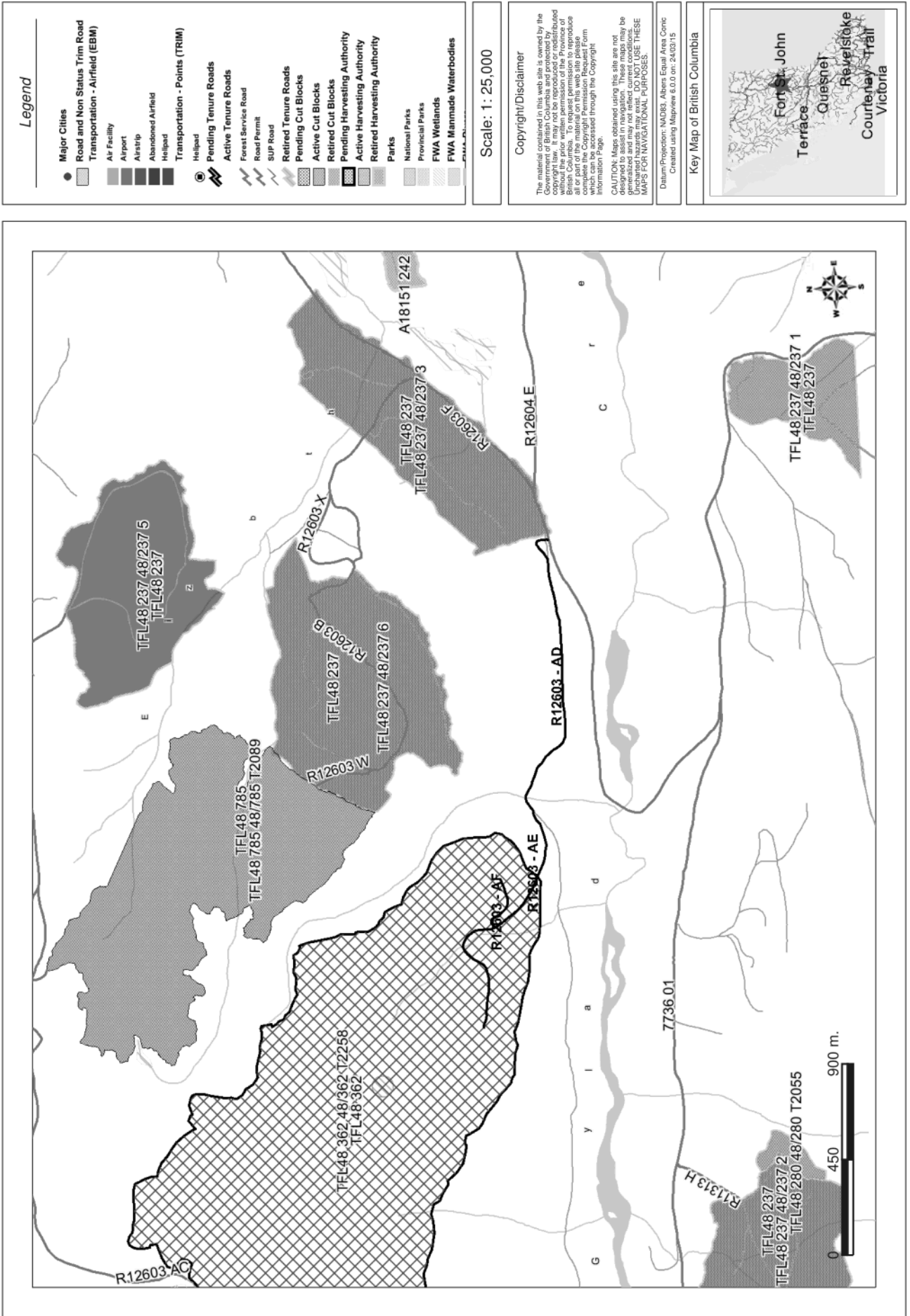


This amendment has been submitted to FTA on November 13, 2014. Please review this information at your earliest convenience.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Rosen". The signature is fluid and cursive, with the first name "Chris" and last name "Rosen" clearly distinguishable.

Chris Rosen, FIT  
Forestry Supervisor- Permitting  
Canadian Forest Products Ltd



## Permit Request Form

To assist in expediting your permit request it will be very helpful if the following information was provided:

CLIENT NAME: s.22

SUBMITTING ON BEHALF OF LICENSEE: Canadian Forest Products Ltd.: Chetwynd

LICENSE NUMBER: TFL 48

ROAD/CUTTING PERMIT NUMBER: R12603 amend #7/ CP 362

ESF SUBMISSION NUMBER: RP: 1408454 CP: 1409113

SUBMIT PERMIT SHAPEFILE Projected in ALBERS NAD 83: PeaceDistrict.Tenures@gov.bc.ca

TIMBER MARK: 48/362

### ROAD PERMIT

a) What block(s) does the road permit provide access to?

CP 362

b) Is the permit for **new construction**?

☐ No

☒ Yes

If yes, what is the length of the new construction by section?

Section AE: 0+713 to 1+999, Section AF: 0+000 to 0+280

Is the new road utilizing existing disturbance ie. Seismic line etc.?

☒ No.

☐ Yes.

c) Is the permit for **existing road**?

☐ No

☒ Yes. Road utilizes the Old Utah Road. This is extremely overgrown however.

There was a small curve (new construction) added on to the front of the Old Utah road from what it was previously build as to allow for trucks to make the turn onto the Table road.

If yes, what is the length of the existing road by section?

Section AD: 0+000 to 1+439

\*\*\*Note: I know that it is preferred that roads be combined to minimize the amount of sections. I didn't combine the Old Utah though and T2258.170 road however though as the Old Utah is so well known, despite the fact that it's not under permit. I felt to change the route of it would add too much confusion.

There was already an approved permit accessing this block from 6km of the Table. We will still be using this to enter the block empty. This permit now is to leave the block loaded from a favourable grade, and will also decrease the cycle time.

BLOCK(S)

Geographic Area ( BC mapsheet number and geographic name)

\_\_\_\_ Mapsheet 094B009 \_\_\_\_ Gething \_\_\_\_

Block # T2258

- a) What type of plan, plan mapsheet number and amendment number are the block(s)/road sections under?

Plan type: FDP

Plan Mapsheet #: See above

Amendment #: n/a

- b) Were two or more blocks combined?

☒ No

☐ Yes

If yes, under which plan and plan mapsheet number can we find the combine blocks?

Plan type: \_\_\_\_\_

Plan Mapsheet #: \_\_\_\_\_

Previous block #: \_\_\_\_\_

c) Does the permit utilize the 200 metre buffer zone?

☐ No

☒ Yes

d) Does the permit area exceed the 200 metre buffer zone?

☒ No

☐ Yes

If so, please provide a rationale as to why the permit boundaries exceed the 200 metre buffer zone?

#### FIRST NATION INFORMATION SHARING

a) When were the blocks info-shared with First Nations?

Block # T2258

Info-sharing Date: March 21, 2014

Note: The slight curve of the Old Utah Road goes into block T2084 which was info-shared September 15, 2010

b) Were these blocks, or parts thereof, or road permit previously info-shared under different block numbers or road sections?

☒ No

☐ Yes – Specify

Block/Road Section: \_

Previous Plan Mapsheet # \_\_\_\_\_

Info-sharing Date: \_\_\_\_\_

c) Did First Nations have concerns about the block(s) or road permit?

- ☒ No  
☐ Yes

If yes, please specify concerns & mitigation measures for the individual block(s) or road permit?

**Block/Road Permit:**

**First Nations Comments/Concerns:**

- No comments or concerns

**Mitigation Measures:**

**REVIEW OF VALUES**

a) Does the block(s) or road permit overlap with a **Range Tenure**?

- ☒ No  
☐ Yes – specify

Range Tenure Number: \_\_\_\_\_

Range Tenure Name: \_\_\_\_\_

**Mitigation Measures:**

le. Sent letter on \_\_\_\_\_, 2014 to range tenure holder advising them of public review of plan. Followed-up by letter on \_\_\_\_\_ March 10, 2015. Harvesting Supervisor will call Range Tenure holder prior to commencement of logging. Comments received included \_\_\_\_\_. Mitigation measures included \_\_\_\_\_

b) Does the block(s) or road permit overlap with **Old Growth Management Area**?

- ☒ No  
☐ Yes – specify the mitigation measures.

Mitigation Measures:

c) Does the block(s) or road permit overlap with **Ungulate Winter Range**?

- ☒ No  
☐ Yes – specify

Order # \_\_\_\_\_

Polygon # \_\_\_\_\_

How are the General Wildlife Measures being met?

d) Is there an **archeology site** within 200 metres of the block(s) or road permit boundaries?

- ☒ No  
☐ Yes

Was an Archeology Overview Assessment completed?

- ☒ No  
☐ Yes

Was a Preliminary Field Recognizance completed?

- ☒ No  
☐ Yes

Was an Archeology Impact Assessment Completed?

- ☒ No  
☐ Yes

If yes, what were the results of the recognition or assessments?

How were the assessment results considered?

- e) Is the block or road construction activity considered a salvage operation under your FSP? (> 35% of the timber volume is in danger of being or has been damaged).

☐ No

☒ Yes

If yes

What is the Established Visual Quality Objective? Original established VQO is  
Modification

What Visual Quality Objective category is being achieved? Block not visible  
from viewpoints

- f) Does the block(s) or road permit overlap with **Established Visual Quality Objectives**?

☐ No

☒ Yes

If yes specify the VQO objective: Modification

How is the VQO objective being managed?

Block is not visible from viewpoints. It is mostly screened by topography. It is also  
screened by vegetation (along 12 mile road for example)

- g) Does the permit overlap with an **established recreation site or trail**?



☒ No

☐ Yes

If yes when was notification forward to Tim Bennett Ministry of Tourism Culture & Arts.

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#### TECHNICAL REVIEW

a) Appraisal Type

☒ Full Appraisal

☐ Short Form

b) ECAS submission ID number: 64358

☐ N/A

c) ECE submitted:

☐ No

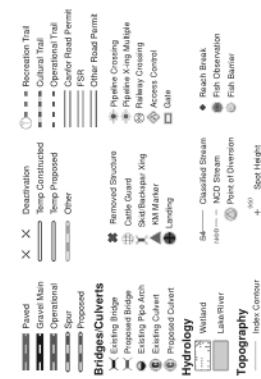
☒ Yes

s.22

## Road Permit Information

Projection: Albers/NAD 83  
Base Source: TRIM 101 EDW/Canfor

### Legend



## Road Information

## Road Permit Sections

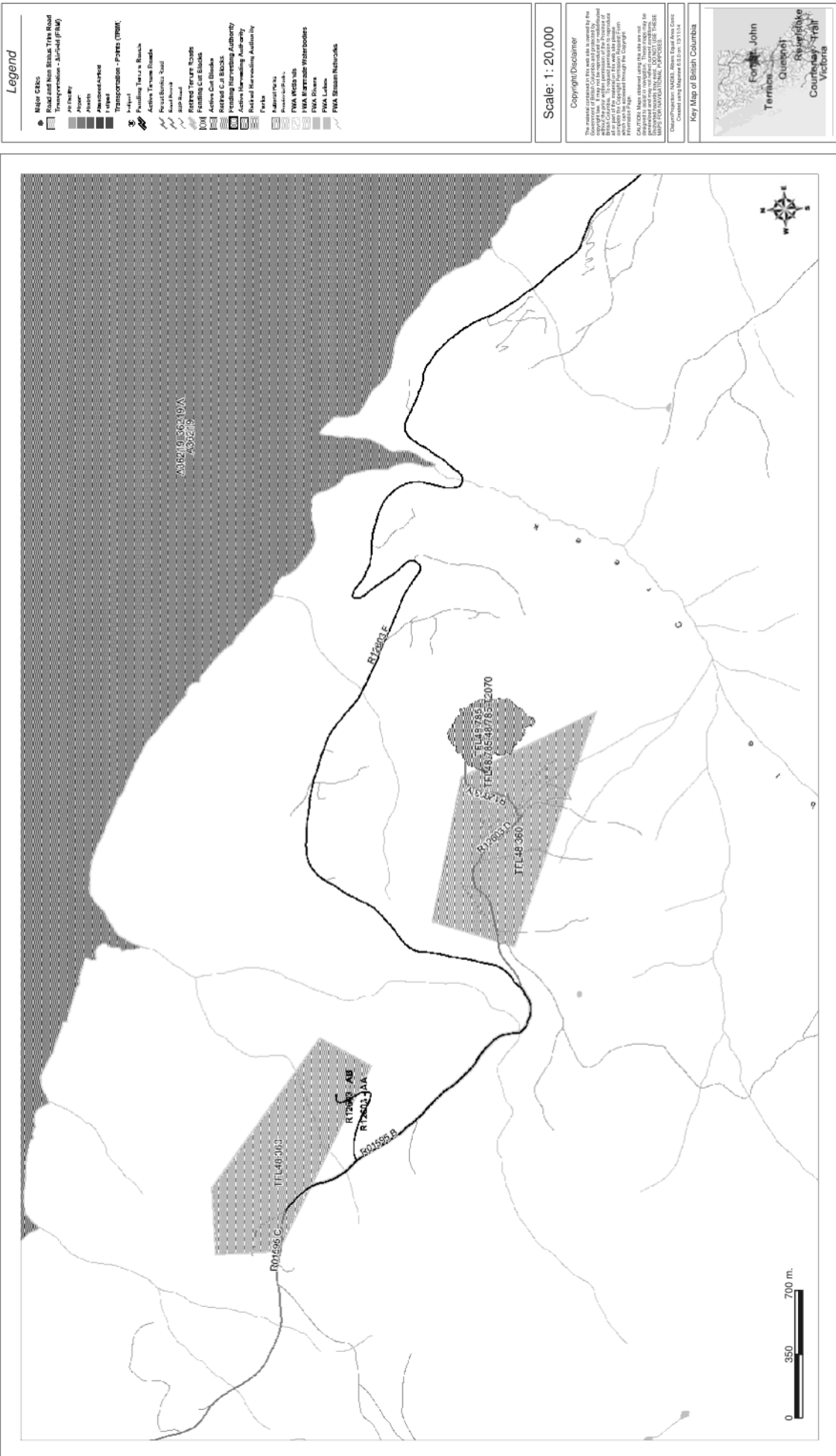
Section ID	Start Station	End Station	Road Status
AD	0	1439	Construct
AE	713	1999	Proposed
AF	0	280	Proposed



Page 15 to/à Page 16

Withheld pursuant to/removed as

DUPLICATE





# ROAD PERMIT

## No. R12604



PURSUANT TO SECTION 115 OF THE *FOREST ACT*, THIS ROAD PERMIT IS ISSUED TO:

Permittee Name: Canadian Forest Products Ltd.  
(the "Permittee")

Permittee Address: Chetwynd Division  
Box 180  
Chetwynd, British Columbia  
V0C 1J0

### 1.00 GRANT OF RIGHTS

- 1.01 In consideration of the Permittee's right to harvest timber under Forest Licence A18151, Cutting Permits 239 and 242, and to provide access to that timber, subject to the *Forest Act* and its Regulations and the *Forest Practices Code of British Columbia Act* and its Regulations and Standards, the District Manager grants to the Permittee the right to construct or modify a road and to use and maintain that road, or to use and maintain a road, within the permit area described in paragraph 2.01, in accordance with the conditions/specifications described in the attached Schedules.
- 1.02 Where it is necessary to harvest Crown timber from the Clearing Area in order to construct, modify, or maintain the road, the District Manager grants to the Permittee the right to harvest that Crown timber in the permit area in accordance with Section 8 of the Forest Road Regulation. The Permittee shall comply with the felling, bucking and utilization specifications provided in Schedule B.
- 1.03 The District Manager grants to the Permittee the right to harvest trees from the landing areas for construction of the road and to construct those landings within the Permit area.
- 1.04 The District Manager grants to the Permittee the right to develop and maintain gravel/sand pits and rock quarries in accordance with the Forest Road Regulation, within the Permit Area, for uses under the *Forest Act*.
- 1.05 In accepting this Road Permit, the Permittee acknowledges that it is bound by the provisions of this Road Permit.
- 1.06 The Schedules form an integral part of the Road Permit.
- 1.07 There is reserved to the Crown
  - (a) the right to grant rights-of-way across, through or over the Permit Area to other parties, on such terms and conditions as the District Manager determines,
  - (b) the right of employees and agents of the Crown to use and to cross the road and the Permit Area, and
  - (c) the right to grant timber harvesting rights to others with respect to the timber located outside the "Clearing Area," but within the "Permit Area."The exercise of the Crown's rights under this paragraph shall not unreasonably impede or obstruct the Permittee's reasonable use of the road.

**2.00 PERMIT AREA AND TERM**

- 2.01 The Permit Area is that area described and shown outlined in bold black line on the Exhibit 'A' map(s) attached to this Road Permit.
- 2.02 The term of this Road Permit shall begin on June 1, 2001, and shall terminate on the date when the District Manager notifies the Permittee in writing; that
  - (a) the road has been permanently deactivated to the District Manager's satisfaction, or that
  - (b) future use of the road by others will preclude the need for permanent deactivation.
- 2.03 Upon termination or cancellation of this Road Permit
  - (a) title to all improvements that are located on the Crown land under this Road Permit, will vest in the Crown without compensation to the Permittee, and
  - (b) notwithstanding 2.03(a), the permittee may remove those structures indicated (\*) in Schedule A2, for his own purposes.

**3.00 TIMBER MARKS AND REPORTING**

- 3.01 For purposes of the *Forest Act*, the timber mark for this Road Permit shall be that mark specified in the Schedule C.

**4.00 RESIDUE AND WASTE**

- 4.01 The Permittee, as required by the District Manager, will determine and report to the District Manager, the residue and waste left after harvesting under this Road Permit in accordance with the procedures found in the Ministry of Forests *Provincial Logging Residue and Waste Measurement Procedures Manual*, as amended from time to time.
- 4.02 If the Permittee fails to perform its obligations under paragraph 4.01, then the District Manager may make such a determination.
- 4.03 Immediately upon receipt of a statement, notice, or invoice issued by the Crown, the Permittee shall pay to the Crown as liquidated damages, a waste assessment equal to the total of
  - (a) the volume of avoidable waste determined under paragraph 4.01 or, in its absence, the volume of avoidable waste determined under paragraph 4.02, multiplied by the Average Billed Stumpage rate for the timber mark, and
  - (b) if a determination was generated pursuant to paragraph 4.02, the reasonable costs incurred by the Crown in preparing that determination.

**5.00 FINANCIAL**

- 5.01 In addition to other money payable by the Permittee under the *Forest Act* and in respect of this Permit, the Permittee shall pay to the Crown, immediately on receipt of a notice, statement or invoice issued on behalf of the Crown:
  - (a) stumpage under Part 7 of the *Forest Act* in respect of timber harvested under this Permit, at rates determined, redetermined, and varied under Section 105 of that Act.
  - (b) scaling fees determined under the regulations; and
  - (c) waste and assessments under Part 4.00.

**6.00 APPROVALS**

- 6.01 Prior to building, modifying, maintaining and using the road under this Road Permit, the Permittee shall
  - (a) obtain all necessary permits or authorizations for crossing alienated lands including powerlines, pipelines, railroads, public roads, and agricultural land reserves;
  - (b) obtain all necessary permits or authorizations from other resource agencies.

- 6.02 The issuance of this Road Permit constitutes approval of the road layout and design required under section 60 of the *Forest Practices Code of British Columbia Act* for the roads shown in bold black line on the attached map(s).
- 6.03 The District Manager authorizes the Permittee to construct a junction, where necessary, with a Forest Service road in accordance with specifications provided on Schedule C.

## 7.00 MISCELLANEOUS

- 7.01 The Permittee is designated as the principal contractor, unless relieved by the District Manager, as defined in Part 20 of the *Occupational Health and Safety Regulation of the Workers' Compensation Board of British Columbia* and shall carry out the duties of the principal contractor as described therein. This requirement does not apply during construction work carried out by a contractor retained by the Permittee.
- 7.02 The Permittee shall ensure that any gate erected pursuant to section 55 of the *Forest Practices Code of British Columbia Act* shall not be, or become, a hazard to the users of the road. The gate shall be placed in a conspicuous location, adequately marked with permanent reflective material to be clearly visible to the operator of a motor vehicle from a safe stopping distance. Warning signs shall be located to give vehicle operators adequate warning of the obstruction.
- 7.03 This Road Permit shall enure to the benefit of, and be binding on, the parties and their respective heirs, executors, successors and permitted assigns.
- 7.04 For those situations where a Permittee wishes to communicate with his company vehicles by means of radio, the Permittee shall post the radio frequency at the start of the road and kilometre markers and will ensure that all of his company vehicles and those of his subcontractors shall use the posted radio frequency in an appropriate manner.

## 8.00 INTERPRETATION

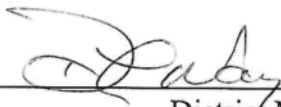
- 8.01 Definitions of terms not defined in this Road Permit shall have the same meaning as that given in the *Forest Practices Code of British Columbia Act*, the *Forest Act*, Regulations or the Agreement identified at the beginning of this Permit. In cases of conflict, the definition in the legislation shall govern.
- 8.02 In this Road Permit:
  - (a) "Average Billed Stumpage rate" means the weighted average billed stumpage rate, inclusive of bonus bid, for the twelve months up to and including the calendar month immediately following the completion of primary logging under this Road Permit, for the timber required to be removed under paragraph 1.02;
  - (b) "Clearing Area" means that area of land bounded by the outer limits of the clearing width as described in the Forest Road Regulation, over the length of road shown in bold black line on attached maps;
  - (c) "Landing" means an area modified by equipment that is designed for accumulating logs before they are transported;
  - (d) "residue" means residue as defined in the Ministry of Forests *Provincial Logging Residue Wastes Measurement Procedures*, as amended from time to time.
  - (e) "Schedule" means the Schedule(s) attached to the Road Permit;
  - (f) "waste" means waste as defined in the Ministry of Forests *Provincial Logging Residue Waste Measurement Procedures*, as amended from time to time;
  - (g) "planned 5-year road" means a road that will be permanently deactivated within 5 years of construction or within 10 years after construction if the road is periodically assessed and considered not likely to be a risk.
  - (h) "one season winter road" means a road built during frozen conditions of snow and earth materials and which will be permanently deactivated after that winter season.

**9.00 NOTICE**

- 9.01 A notice given under this Road Permit must be in writing.
- 9.02 Where a notice is to be given under this Road Permit, it may be
- (a) delivered by hand; or
  - (b) sent by prepaid registered mail addressed to the address
    - (i) specified on the first page of this Road Permit; or
    - (ii) to such other address as is specified in a notice given in accordance with this Part.

Dated

June 29, 2001

  
District Manager  
Dawson Creek Forest District



## ROAD LAYOUT AND DESIGN SCHEDULE FS 1178(A1)

Complete any or all sections on this page only where plan/profiles are not prepared or where plan/profiles are deficient of necessary information. Sections 8 to 20 must be completed to show whether the item is either a standard specification or a variation from the standard specification.

7.	ROAD NAME/MAP AND EXHIBIT A REFERENCE	23901.100	27401.100	27401.100
7A. 7B.	SECTION LENGTH REFERENCE:	0.0 – 2.167 A	0.0 – 1.543 B	1.543 – 1.567 B
8.	ROAD TYPE: (PERMANENT/SNOW/PLANNED 5-YEAR/ ONE-SEASON WINTER)	Permanent New Construction	Permanent Road Reconstruction	Permanent New Construction
9.	STUMPS/ROOTS/LOGS IN ROAD PRISM (YES OR NO)	NO	NO	NO
10.	CORDUROY/PUNCHEON/INVERTED STUMPS (YES OR NO)	NO	NO	NO
11.	ROAD SUBGRADE WIDTH: (m)	5m	5m	5m
12.	TURNOUTS: MAXIMUM DISTANCE BETWEEN (m)	300	300	300
13.	USABLE LENGTH /WIDTH (m/m)	30/3	30/3	30/3
14.	MINIMUM CURVE RADIUS: (m)	35	35	35
15.	MAXIMUM SUSTAINED GRADE: ADVERSE (%)	10	10	10
16.	FAVOURABLE (%)	12	12	12
17.	MAXIMUM SHORT PITCH GRADE: ADVERSE (%)	11	11	11
18.	FAVOURABLE (%)	13	13	13
19.	MINIMUM CROSS-DRAIN CULVERT SIZE: ROUND PIPE (mm)	450	450	450
20.	OTHER SHAPES – OPENING SIZE (mm / mm)	n/a	n/a	n/a

1

The standard specifications reflect the proponent's normal design criteria, and will apply to the roads under consideration unless a variation to the standard specification is provided in the remaining columns. There is no need to reproduce previously submitted standard specifications here.

# **ROAD LAYOUT AND DESIGN** **SCHEDULE FS 1178(A1)**

Complete any or all sections on this page only where plan/profiles are not prepared or where plan/profiles are deficient of necessary information. Sections 8 to 20 must be completed to show whether the item is either a standard specification or a variation from the standard specification.

7.	ROAD NAME/MAP AND EXHIBIT A REFERENCE	27401.110	27401.110	23904.100
7A. 7B.	SECTION LENGTH REFERENCE:	0.0 – 0.253 C	0.253 – 0.304 C	0.0 – 0.205 D
8.	ROAD TYPE: (PERMANENT/SNOW/PLANNED 5-YEAR/ ONE-SEASON WINTER)	Permanent Road Reconstruction	Permanent New Construction	Permanent New Construction
9.	STUMPS/ROOTS/LOGS IN ROAD PRISM (YES OR NO)	NO	NO	NO
10.	CORDUROY/PUNCHEON/INVERTED STUMPS (YES OR NO)	NO	NO	NO
11.	ROAD SUBGRADE WIDTH: (m)	5m	5m	5m
12.	TURNOUTS: MAXIMUM DISTANCE BETWEEN (m)	300	300	300
13.	USABLE LENGTH /WIDTH (m/m)	30/3	30/3	30/3
14.	MINIMUM CURVE RADIUS: (m)	35	35	35
15.	MAXIMUM SUSTAINED GRADE: ADVERSE (%)	10	10	10
16.	FAVOURABLE (%)	12	12	12
17.	MAXIMUM SHORT PITCH GRADE: ADVERSE (%)	11	11	11
18.	FAVOURABLE (%)	13	13	13
19.	MINIMUM CROSS-DRAIN CULVERT SIZE: ROUND PIPE (mm)	450	450	450
20.	OTHER SHAPES – OPENING SIZE (mm / mm)	n/a	n/a	n/a

1

The standard specifications reflect the proponent's normal design criteria, and will apply to the roads under consideration unless a variation to the standard specification is provided in the remaining columns. There is no need to reproduce previously submitted standard specifications here.

# **ROAD LAYOUT AND DESIGN** **SCHEDULE FS 1178(A1)**

Complete any or all sections on this page only where plan/profiles are not prepared or where plan/profiles are deficient of necessary information. Sections 8 to 20 must be completed to show whether the item is either a standard specification or a variation from the standard specification.

7.	<b>ROAD NAME/MAP AND EXHIBIT A REFERENCE</b>		Utah Road	24201.200	24201.300
7A.	<b>SECTION LENGTH</b>				
7B.	<b>REFERENCE:</b>		0.0 - 6.462 E Old Permit R01595	0.0 - 0.422 F: Non status	0.0 - 0.117 G: Non Status
8.	<b>ROAD TYPE:</b> (PERMANENT/SNOW/PLANNED 5-YEAR/ ONE-SEASON WINTER)		Permanent Existing Road	Permanent Existing Road	Permanent Existing Road
9.	<b>STUMPS/ROOTS/LOGS IN ROAD PRISM (YES OR NO)</b>		NO		
10.	<b>CORDUROY/PUNCHEON/INVERTED STUMPS (YES OR NO)</b>		NO		
11.	<b>ROAD SUBGRADE WIDTH:</b>		5m		
12.	<b>TURNOUTS:</b> MAXIMUM DISTANCE BETWEEN		300		
13.	USABLE LENGTH /WIDTH		30/3		
14.	<b>MINIMUM CURVE RADIUS:</b>		35		
15.	<b>MAXIMUM SUSTAINED GRADE:</b> ADVERSE		10		
16.	FAVOURABLE		12		
17.	<b>MAXIMUM SHORT PITCH GRADE:</b> ADVERSE		11		
18.	FAVOURABLE		13		
19.	<b>MINIMUM CROSS-DRAIN CULVERT SIZE:</b> ROUND PIPE (mm)		450		
20.	<b>OTHER SHAPES - OPENING SIZE</b> (mm / mm)		n/a		

The standard specifications reflect the proponent's normal design criteria, and will apply to the roads under consideration unless a variation to the standard specification is provided in the remaining columns. There is no need to reproduce previously submitted standard specifications here.

# **ROAD LAYOUT & DESIGN SCHEDULE 'FS 1178(A2)** **BRIDGES, STREAM CULVERTS, AND ENGINEERED STRUCTURES TABLE**

Road Permit <input checked="" type="checkbox"/> R12604 T.S.L. <input type="checkbox"/>		Amendment No. <input type="checkbox"/> Forest Service Road <input type="checkbox"/>		Cutting Permit <input type="checkbox"/>		Special Use Permit <input type="checkbox"/>		
ROAD NAME	CLASS OF STRUCT.	DESIGN LOAD	STRUCT LOC. (KM)	STREAM NAME & RIPARIAN CLASS	IN COMM. W/SHED, FISH STREAM? (Y OR N)	STRUCTURE SIZE (Length x height)	GENERAL ARRANGEMENT DRAWING NO.	COMMENTS
<b>Class of Structures Legend</b>								<b>Notes:</b> All structures indicated '**' (in structure location column), upon termination or cancellation of the permit (see clause 2.03 in the road permit), may be removed and re-used by the permittee.  Specify design load of bridge structures (e.g. L75, L100, etc.) Retaining walls > 1.5 m require professional design. Structure size - for bridges show length and height of abutment; for culverts show opening dimensions. Refer to Section 10 of the FR Reg. for design responsibility. Attach a General Arrangement drawing for each bridge/major culvert
<b>H</b> (retaining wall <1.5 m) <b>R</b> (retaining wall >1.5 m) <b>FD</b> (ford) <b>CG</b> Cattleguard <b>Other</b> (e.g. engineered fill with geotextile) <b>Bridges:</b> <b>BT</b> (Bridge Temporary) (life less than 15 years) <b>BP</b> (Bridge Permanent) (life greater than 15 years)		<b>Culverts</b> <b>Pipe</b> <b>Log</b>						

## SCHEDULE "B"

### FELLING, BUCKING AND UTILIZATION SPECIFICATIONS

#### 1.00 FELLING SPECIFICATIONS

- 1.01 Standing timber of the species shown on the table attached to this Schedule must be felled in accordance with the following specifications:
- (a) all timber meeting the minimum diameter at stump height shown for that species in the table attached to this Schedule must be felled; and
  - (b) unless otherwise authorized in writing by the District Manager, timber must be felled to a stump height that does not exceed the maximum stump height shown for that species in the table attached to this Schedule.

#### 2.00 BUCKING SPECIFICATIONS

- 2.00 Felled and dead-and-down timber of the species referred to in paragraph 1.01 must be bucked so as to maximize the volume of logs and slabs which
- (a) meet the utilization specifications referred to in paragraph 3.01, and
  - (b) are of the species and grades specified as obligatory utilization under Part 4.00, if applicable.

#### 3.00 UTILIZATION SPECIFICATIONS

- 3.01 Subject to paragraphs 3.02 and 3.03, the following utilization specifications apply to timber authorized for harvest under this Road Permit:
- (a) all butt logs meeting
    - (i) the minimum diameter at stump height,
    - (ii) the minimum log length, and
    - (iii) the minimum top diameter
 shown for that species in the table attached to this Schedule must be utilized; and
  - (b) all top logs meeting
    - (i) the minimum log length, and
    - (ii) the minimum top diameter
 shown for that species in the table attached to this Schedule must be utilized;
  - (c) all slabs meeting
    - (i) the minimum slab length, and
    - (ii) the minimum slab thickness
 shown for that species in the table attached to this Schedule must be utilized.
- 3.02 The Licensee need not utilize timber of the species and grades specified in Part 5.00 as optional utilization, if applicable.
- 3.03 The Licensee must not utilize timber if
- (a) the timber is specified as reserved timber, or
  - (b) under an operational plan or the Acts, regulations or standards referred to in the Licence, the Licensee is required not to utilize the timber for any reason, including silviculture, biodiversity or other forest management reasons.

#### 4.00 OBLIGATORY UTILIZATION

- 4.01 Timber of the following species and grades is specified as obligatory utilization:
- (a) all coniferous and deciduous species that are Sawlog Grade (Grade Code Blank).

## 5.00 OPTIONAL UTILIZATION

5.01 Timber of the following species and grades is specified as optional utilization:

- (a) firmwood rejects; and
- (b) all coniferous and deciduous species of the following grades:
  - (i) Dead and Dry Sawlog (Grade Code 3);
  - (ii) Lumber Reject (Grade Code 4);
  - (iii) Dead and Dry Lumber Reject (Grade Code 5); and
  - (iv) Undersized Log Grade (Grade Code 6).

## 6.00 DEFINITIONS

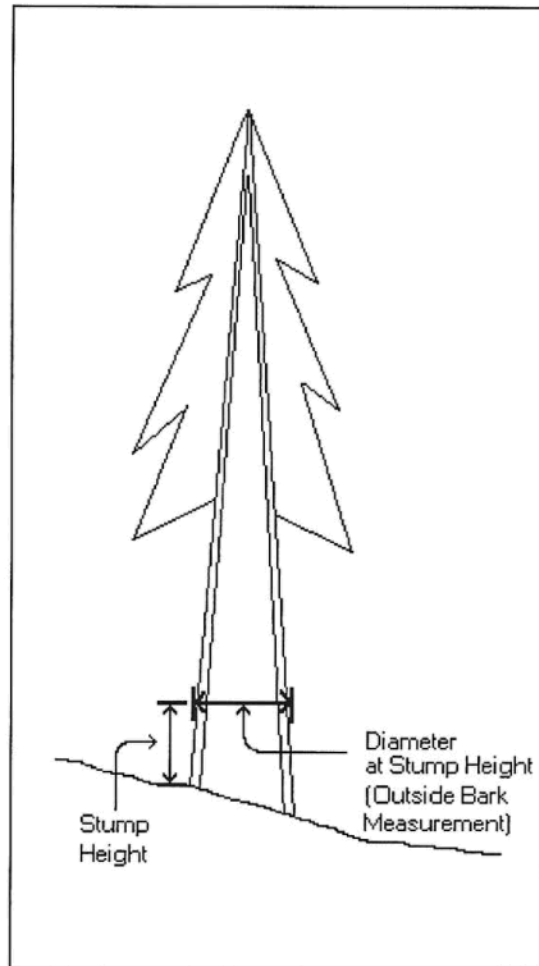
6.01 In this Schedule, as exemplified by the diagrams attached to this Schedule,

- (a) "butt end" means the log end that was previously attached to the stump;
- (b) "butt log" means the log cut from the portion of the tree that was previously attached to the stump;
- (c) "diameter at stump height" means
  - (i) in the case of standing timber, the diameter of the tree (outside bark) measured at the point of the maximum stump height shown in the table attached to this Schedule, and
  - (ii) in the case of a butt log, the diameter (outside bark) at the butt end of the log; and
- (d) "slab" means one of 2 or more parts of a log produced as a result of the log fracturing along its length;
- (e) "stump height" means the height of the stump measured on the side of the stump adjacent to the highest ground;
- (f) "top diameter" means the diameter (inside bark) at the narrowest end of the log;
- (g) "top log" means any log that is not a butt log.

## SCHEDULE "B"

### Diagrams and Tables for Road Clearing Area

#### 1.00 FALLING SPECIFICATIONS

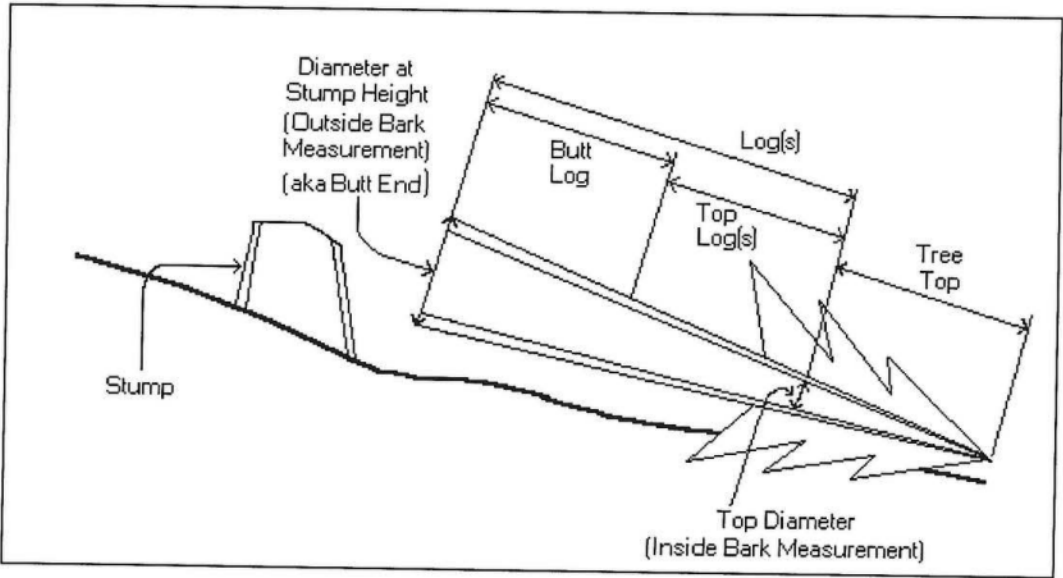


Species	Maximum Stump Height (m)	Minimum Diameter at Stump Height (cm)
Spruce and Balsam	30 cm	20 cm
Lodgepole Pine	30 cm	15 cm
Aspen and Cottonwood	30 cm	15 cm

SCHEDULE "B"

Diagrams and Tables  
for Road Clearing Area

2.00 UTILIZATION SPECIFICATIONS



Species	Minimum Log or Slab Length (m)	Minimum Diameter at Stump Height (cm)	Minimum Top Diameter or Slab Thickness (cm)
Spruce and Balsam	3 m	20 cm	10 cm
Lodgepole Pine	3 m	15 cm	10 cm
Aspen and Cottonwood	3 m	15 cm	10 cm



## **SCHEDULE "C"**

### **Special Provisions**

#### **1.00 TIMBER MARK**

- 1.01 For those roads shown on the applicable Exhibit "A" maps referred to in clause 2.01 of the permit, the timber mark shall be:

R09  
798

#### **2.00 JUNCTIONS**

- 2.01 For a junction with the Forest Service road, the following specifications apply: ☒ Not applicable

#### **3.00 OTHER**

- 3.01 Any measures required for protecting other forest resources shall be:  
(a) seeding to the standard approved by a Ministry of Forests officer.

## E-mail Message

---

**From:** Szameit, Sharon [SMTP:Sharon.Szameit@bchydro.com]  
**To:** Amonson, Steve FLNR:EX [SMTP:Steve.Amonson@gov.bc.ca], Smith, Sandra M FLNR:EX [SMTP:Sandra.M.Smith@gov.bc.ca]  
**Cc:**  
**Sent:** 2011-11-22 at 3:42 PM  
**Received:** 2011-11-22 at 3:46 PM  
**Subject:** RE: Forest Service Road near Williston Reservoir

---

Great, thanks for your quick response !

sharon

---

From: Amonson, Steve FLNR:EX [mailto:Steve.Amonson@gov.bc.ca]  
 Sent: 2011, November 22 2:38 PM  
 To: Smith, Sandra M FLNR:EX; Szameit, Sharon  
 Subject: RE: Forest Service Road near Williston Reservoir

Thats correct. It is NOT a FSR. It is a RP to Canfor Chetwynd.

From: Smith, Sandra M FLNR:EX  
 Sent: Tuesday, November 22, 2011 3:32 PM  
 To: 'Sharon.Szameit@bchydro.com'  
 Cc: Amonson, Steve FLNR:EX  
 Subject: FW: Forest Service Road near Williston Reservoir

Afternoon Sharon, that appears to be a Canadian Forest Products Ltd. Road Permit (R12603 Section F) but I will double check with our Engineering Officer, Steve Amonson to confirm that.

From: Szameit, Sharon [mailto:Sharon.Szameit@bchydro.com]  
 Sent: Tuesday, November 22, 2011 1:47 PM  
 To: Smith, Sandra M FLNR:EX  
 Subject: Forest Service Road near Williston Reservoir

Hi Sandra;

Further to my voice message to you when you have a chance, please let me know the status of the Table Creek Forest Service Road see attached map for your reference.

Thank you!

sharon

---

Sharon Szameit

Property Representative, Property Reservoir Rights

BC Hydro  
6911 Southpoint Drive, 14th Floor  
Burnaby, B.C. V3N 4X8

Office: 604.528.2480  
Mobile: 604.230.9240  
Fax: 604.528.2529  
Email: sharon.szameitHYPERLINK "mailto:e@bchydro.com"@bchydro.com

HYPERLINK "http://www.bchydro.com/"bchydro.com

---

## E-mail Message

---

**From:** Smith, Sandra M FLNR:EX [EX:/O=BCGOVT/OU=VICTORIA1/CN=FORESTS PROTECTION/CN=SANDRASM]  
**To:** Sharon.Szameit@bchydro.com [SMTP:Sharon.Szameit@bchydro.com]  
**Cc:** Amonson, Steve FLNR:EX [SMTP:Steve.Amonson@gov.bc.ca]  
**Sent:** 2011-11-22 at 3:31 PM  
**Received:** 2011-11-22 at 3:31 PM  
**Subject:** FW: Forest Service Road near Williston Reservoir

---

**Attachments:** Sandflat Fig 1 Loc Plan 17 Nov.pdf

---

Afternoon Sharon, that appears to be a Canadian Forest Products Ltd. Road Permit (R12603 Section F) but I will double check with our Engineering Officer, Steve Amonson to confirm that.

From: Szameit, Sharon [mailto:Sharon.Szameit@bchydro.com]  
 Sent: Tuesday, November 22, 2011 1:47 PM  
 To: Smith, Sandra M FLNR:EX  
 Subject: Forest Service Road near Williston Reservoir

Hi Sandra;

Further to my voice message to you when you have a chance, please let me know the status of the Table Creek Forest Service Road see attached map for your reference.

Thank you!

sharon

---

Sharon Szameit

Property Representative, Property Reservoir Rights

BC Hydro  
 6911 Southpoint Drive, 14th Floor  
 Burnaby, B.C. V3N 4X8

Office: 604.528.2480  
 Mobile: 604.230.9240  
 Fax: 604.528.2529  
 Email: sharon.szameitHYPERLINK "mailto:c@bchydro.com"@bchydro.com

HYPERLINK "http://www.bchydro.com/"bchydro.com

---

## E-mail Message

---

**From:** Rodine, Al J FOR:EX [EX:/O=BCGOVT/OU=VICTORIA1/CN=FORDIR/CN=ARODINE]  
**To:** Smith, Sandra M FOR:EX [EX:/O=BCGOVT/OU=VICTORIA1/CN=FORESTS  
 PROTECTION/CN=SANDRASM], Hetenyi, Susan J FOR:EX  
 [EX:/O=BCGOVT/OU=VICTORIA1/CN=FORDIR/CN=SJHETENY]  
**Cc:**  
**Sent:** 2010-09-14 at 8:52 AM  
**Received:** 2010-09-14 at 8:52 AM  
**Subject:** FW: Amendment to R12603F

---

**Attachments:** Table\_Road\_amendment\_2010.doc

---

Norma is new at this so i am forwarding this to you

It is a request for a road permit amendment

Al

From: Pyle, Norma [mailto:Norma.Pyle@canfor.com]  
 Sent: Tuesday, September 14, 2010 8:52 AM  
 To: Rodine, Al J FOR:EX  
 Cc: Arisman, Rob S FOR:EX; Rosen, Don; Schilling, Jim  
 Subject: Amendment to R12603F

Hello Mr. Rodine,

Please find attached a cover letter for an amendment to a portion of the subject road permit. The amendment is in response to an email sent to Mr. Don Rosen from Mr. Rob Arisman regarding a portion of the Table Road lacking a road permit. I spoke with Sandra of the Ministry of Forests on September 10th, 2010 to confirm that portion of the road did not have a permit, and this was confirmed. Hence the amendment.

Canfor is scheduled to replace the bridge at 0.5 kilometer of the Table Road within the next few weeks, thus we would like to request to expedite this application process.

Should you require more detailed information, please contact me. As always, your time and efforts regarding this application are appreciated and I do look forward to your positive response.

Respectfully,

Norma Pyle, RPI  
 Forestry Supervisor, Operations  
 Canfor, North Operations  
 Office: 250.787.3621  
 Mobile: 250.793.7798



**CANFOR** Canadian Forest Products Ltd  
Chetwynd Division

**Exhibit A Map**

Forest Region: 04 - PRINCE GEORGE (PGO)  
District: 47 - JAWSON CREEK (JOC)  
Land District: 43 - PLACE RIVER  
Reference Point: Southwest corner of Lot 1078  
BCGS mapsheet 0940009  
Northing: 6210856

Scale: 1:20000  
BCGS mapsheet: 0940009



Distance (m) from the reference point to the point of commencement and termination

Point	East	North	Distance
POC A	100.00	100.00	141.42
POT A	100.00	100.00	141.42
POC B	100.00	100.00	141.42
POT B	100.00	100.00	141.42
POC C	100.00	100.00	141.42
POT C	100.00	100.00	141.42
POC D	100.00	100.00	141.42
POT D	100.00	100.00	141.42
POC E	100.00	100.00	141.42
POT E	100.00	100.00	141.42
POC F	100.00	100.00	141.42
POT F	100.00	100.00	141.42

**ROAD PERMIT: R1204**

Roads (grant sections)  
Roads (existing & proposed)  
Cul-de-sac boundaries  
Wildlife Tree Patches



Points of Commencement/Termination  
APPLICANT: Canadian Forest Products Ltd  
ADDRESS: Carlin Bay, 180 Chetwynd, BC V0C 1J0  
Last modified: 03/07/2007 Last modified by: Marc Gauthier  
Base map from Ministry of Environment 1:25,000 Digital Base

540000

540000

540000

540000

540000

540000

540000

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540000

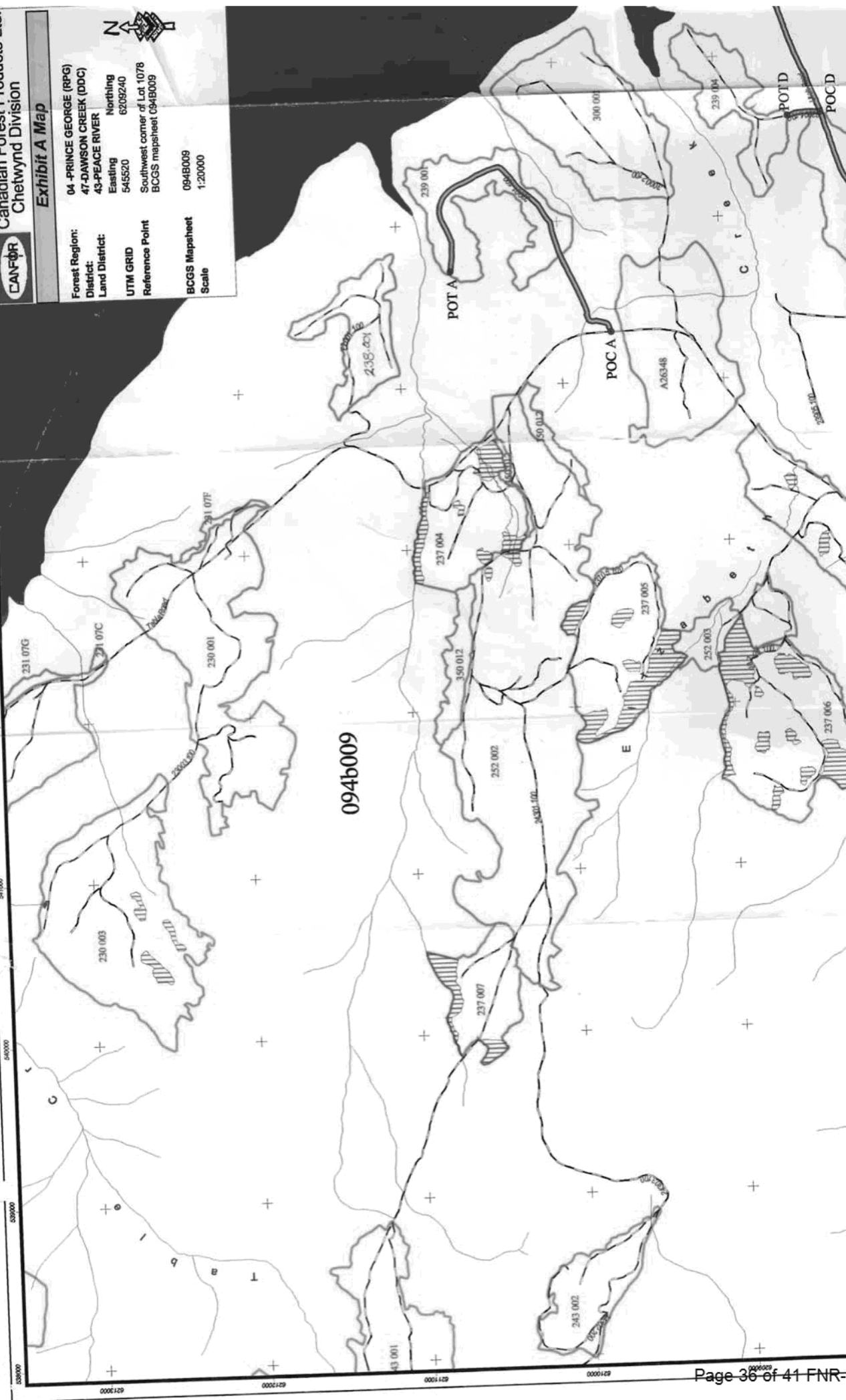
Canadian Forest Products Ltd.  
Chetwynd Division

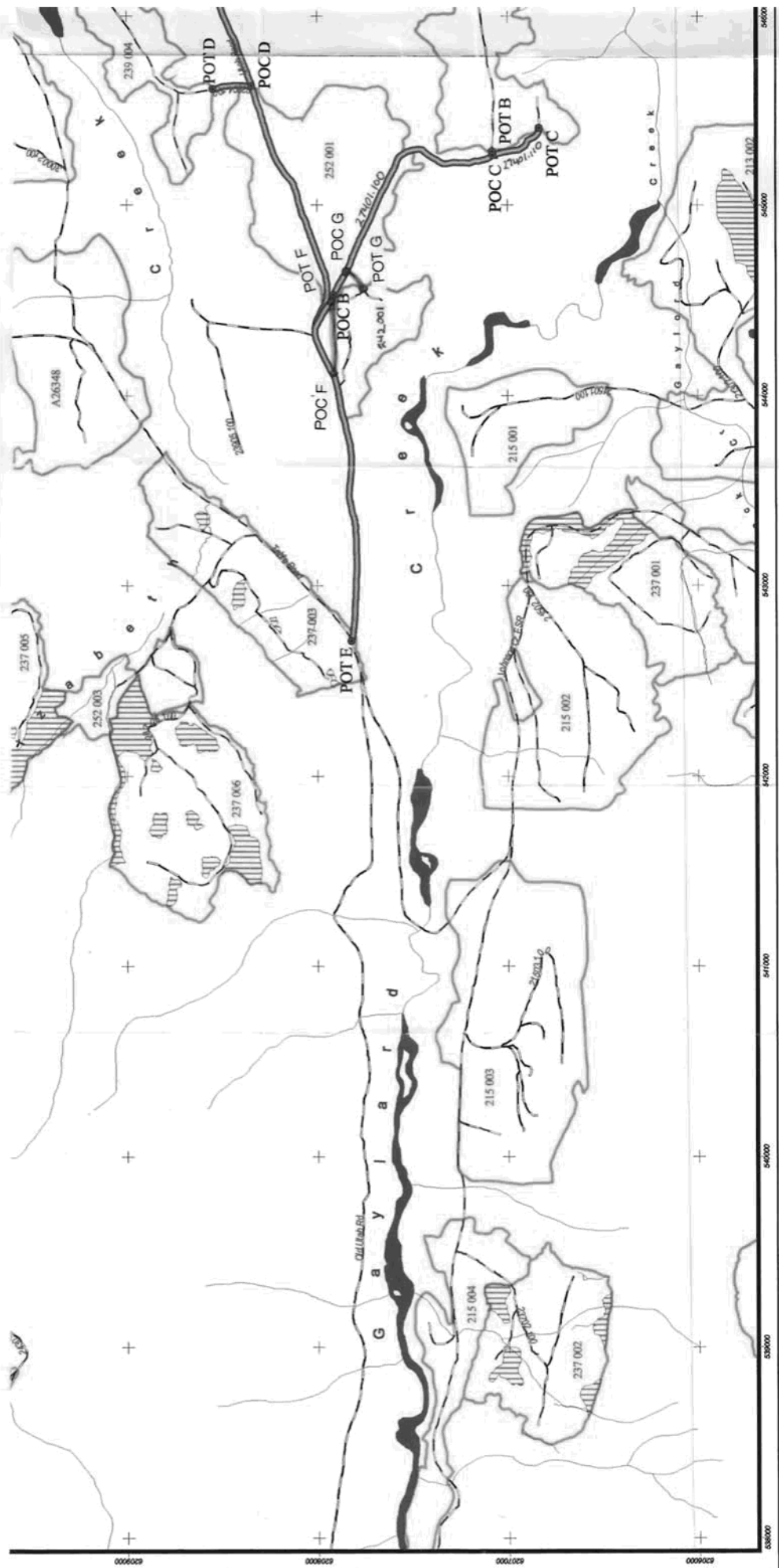


# Exhibit A Map

Forest Region: 04 -PRINCE GEORGE (RPG)  
District: 47-DAWSON CREEK (DDC)  
Land District: 43-PEACE RIVER  
Easting: 6209240  
Northing: 545520  
UTM GRID  
Reference Point: Southwest corner of Lot 1078  
BCGS mapsheet 094B009

BCGS Mapsheet  
Scale: 1:20000











R12603 #4



### Legend

- Major Cities
- Road and Non Status Trim Road
- Transportation - Airfield (EBM)
- Air Facility
- Airport
- Airstrip
- Abandoned Airfield
- Helipad
- Transportation - Points (TRIM)
- Helipad
- Pending Tenure Roads
- Active Tenure Roads
- Forest Service Road
- Road Permit
- SUP Road
- Retired Tenure Roads
- Pending Cut Blocks
- Active Cut Blocks
- Retired Cut Blocks
- Pending Harvesting Authority
- Active Harvesting Authority
- Retired Harvesting Authority
- Parks
- National Parks
- Provincial Parks
- FMA Wetlands
- FMA Mammade Waterbodies

Scale: 1: 40,000

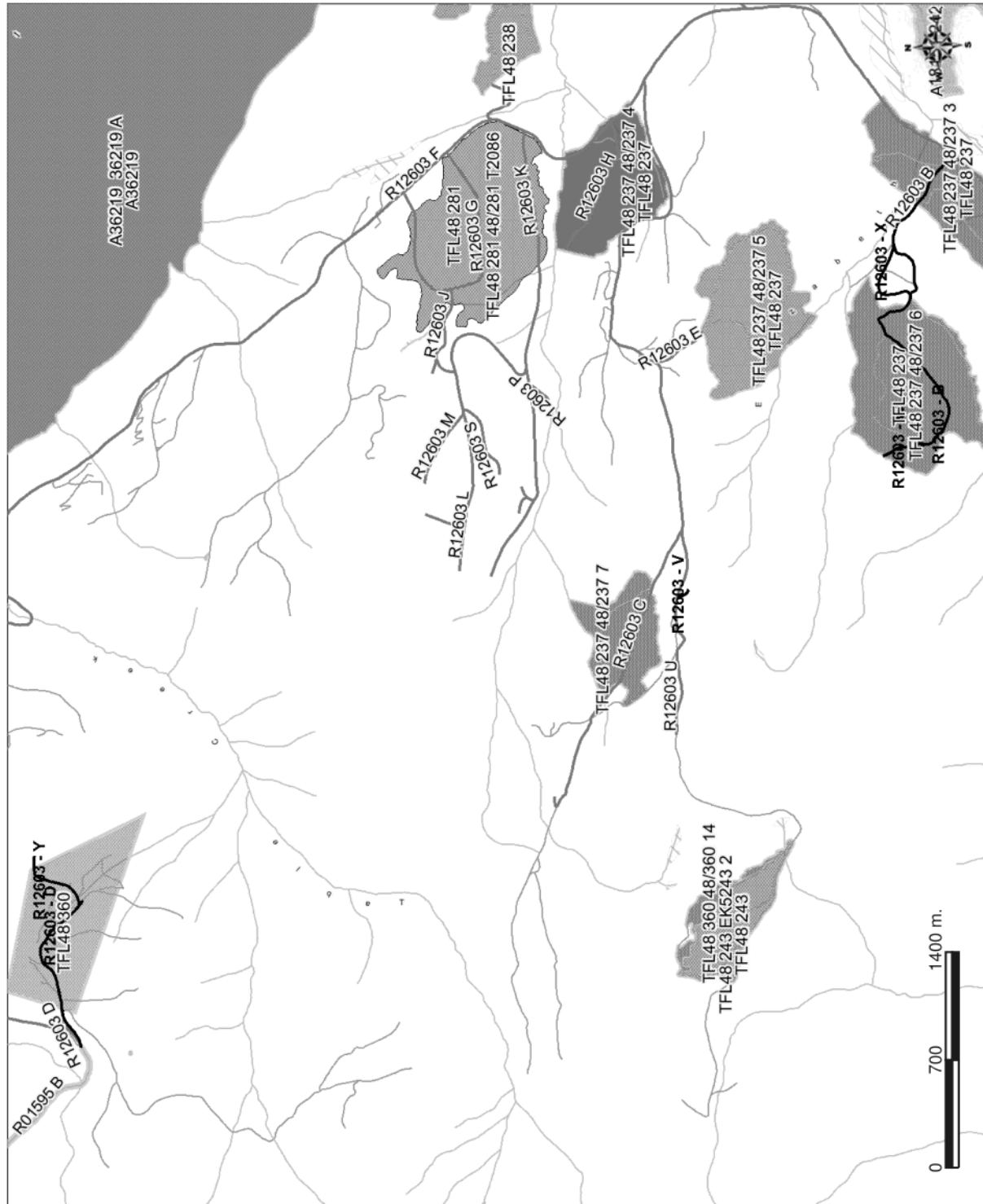
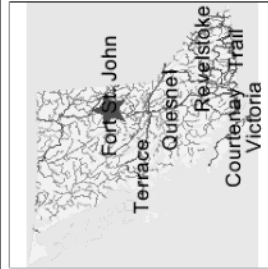
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Datum/Projection: NAD83, Albers Equal Area Conic  
Created using Mapview 6.0.0 on: 28/03/12

### Key Map of British Columbia



0 700 1400 m.



## Canadian Forest Products Ltd.

### Chetwynd

March 29<sup>th</sup>, 2012

Rob Kopecky  
District Manager, Resource Operations  
Ministry of Forests, Lands and Natural Resource Operations  
9000 17<sup>th</sup> Street  
Dawson Creek, BC  
V1G 4A4

**Re: Road Permit Amendment #4 – R12603 – Access to CP 785 Blocks T2070 and T2089 in the Johnson Area**

Dear Mr. Kopecky,

We hereby apply for Amendment #4 to Road Permit R12603 to access block T2070 and T2089. This block is within the Forest Development Unit "TFL 48" of the 2007 – 2012 Forest Stewardship Plan (FSP) and this amendment is under that plan. Information sharing was completed during the 2010 Annual Operating Plan (AOP) for block T2070 and T2089 (AOP # 2 July 8<sup>th</sup> – Sept 9<sup>th</sup>).

The road sections addressed are:

Road Name	Length		Section	Action
	From	To		
23104.100	0+000	1+150	B	Extend section B off of Table Road at approx. 3.1 km
23706.100	0+000	2+600	D	Extend section D off of Table Road at approx. 16.9 km
T2089.100	0+000	0+094	V	Add section V off of 24303.100 Road at approx. 0.4 km
T2089.200	0+000	0+290	W	Add section W off of 23706.100 Road at approx. 2.6 km
T2089.200A	0+000	0+543	X	Add section X off of T4239.100 Road at approx. 0.7 km
T2070.100	0+000	0+508	Y	Add section Y off of 23104.100 Road at approx. 1.1 km

This road permit will allow for access to and development of block T2070 and T2089, which will be submitted under a Cutting Permit within TFL 48 at a later date. The harvest area is consistent with the license content and profile of TFL 48. This Road Permit is consistent with the following FSP Objectives:

- Non-Spatial Old Growth Order
- Wildlife Objectives (not within any UWR/WHA's)
- Landscape level and stand level biodiversity objectives
- Visual Quality Objectives – VQO have been met in T2070, T2089 is not within a VQO polygon.
- Recreation (not near any recreation sites or trails)
- Range (not within or near a range tenure)

This amendment has been submitted electronically on March 29<sup>th</sup>, 2012 (submission ID 1102244). Please review this information at your earliest convenience.

Sincerely,

Dean Dickinson, RPF  
Forestry Supervisor  
Canadian Forest Products Ltd



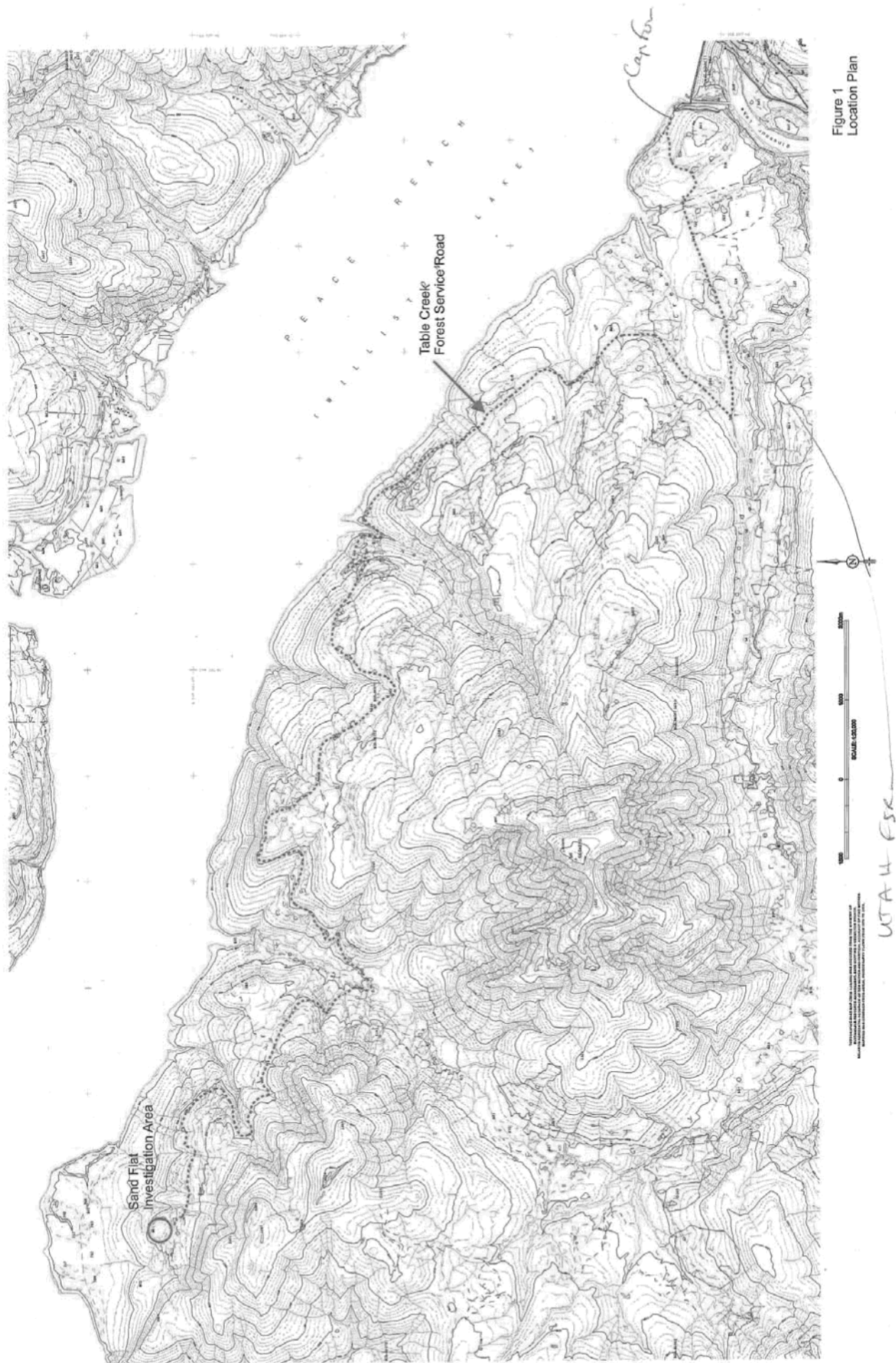


Figure 1  
Location Plan