





#### 2021/09/14

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To whom this may concern,

#### RE: FOREST HARVEST PLAN PU076164a SUBMISSION

On behalf of Northland Forest Products Ltd. and Alberta-Pacific Forest Industries Inc., please find attached the Forest Harvest Plan (FHP) for Planning Unit 076164a. Northland Forest Products Ltd. and Alberta-Pacific Forest Industries Inc. are submitting this plan for appraisal, for a 5-year FHP approval as well as approval under the 2021 Annual Operating Plan (AOP).

The companies would appreciate a response within 5 days of submission.

We are available for a review of this plan at a mutually agreeable time. If you have questions regarding this plan feel free to contact the undersigned.

ALBERTA-PACIFIC FOREST INDUSTRIES INC.

NORTHLAND FOREST PRODUCTS LTD

Keagan Richardson, RPF Woodlands Operations Planner Alberta Pacific Forest Industries Ltd.

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Northland Forest Products Ltd. and Alberta Pacific Forest Industries Inc.

# Forest Harvest Plan

Compartment: "East Athabasca River – Lo3-A"

Planning Unit: "076164a"

FMA 9100029 & CTLL030047

Forest Harvest Plan - 076164a(21-26)

Date Submitted: **2021/09/14** 

# Forest Harvest Plan

# PU076164a

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**FHP Overview Map** 

SHS Variance Map

**Block Maps** 

# Report

#### 1.0 Introduction

Alberta – Pacific Forest Industries Inc. (Alberta – Pacific) and Northland Forest Products Ltd. (Northland) have prepared a Forest Harvest Plan (FHP) for the harvest of deciduous and coniferous stands within Planning Unit 076164a.

Planning Unit 076164a is comprised of 10 proposed coniferous blocks and 1 proposed deciduous block with a total area of 461 ha, within Forest Management Unit (FMU) Lo3.

The companies have identified two (2) potential camp locations for logging operations within this Planning Unit. The temporary camps are in blocks NCo7615408234 (55.563787, -112.299302) and NCo7615407304 (55.552182, -112.32687) with areas of 0.5 hectares each and can be viewed in the FHP Overview Map. The campsite will be reclaimed as indicated in Section 11.3.4.4 of the Northeast Alberta Timber Harvesting Planning and Operating Ground Rules (OGRs).

Copies of this Forest Harvest Plan are available on the Alberta – Pacific website, at <a href="https://www.alpac.ca">www.alpac.ca</a>

#### 2.0 General Planning Unit Information / Design Considerations

This FHP has been validated by Registered Forestry Professionals employed by Alberta-Pacific and Northland.

This FHP includes maps and reports that clearly show and document the planned harvest area boundaries, roads and water crossings within the Planning Unit.

This plan is being submitted for appraisal, for a 5-year FHP approval under the 2021-22 Alberta-Pacific and Northland Annual Operating Plan (AOP).

#### 2.1 Operating Ground Rules

Planning Unit 076164a has been designed in accordance with the Northeast Alberta Operating Ground Rules (OGRs), revised 2018. Alberta – Pacific and Northland are requesting certain deviations from the OGRs, due to field verified factors. These requests, along with corresponding information are listed under the section *OGR Deviations*.

### 3.0 Maps

Individual block maps have been included in the submission package, outlining the information pertinent to these blocks. A Planning Unit overview map and a Spatial Harvest Sequence (SHS) Planning Unit map have been included in the submission package. These maps can be viewed in the *Appendices* of this document.

#### 4.0 Block Information

A *Block Summary Table* has been included in Appendix A outlining the expected volumes of the area.

#### 4.1 Utilization

Alberta – Pacific and Northland adheres to the 15/10 utilization standard for coniferous and deciduous trees, this includes the incidental.

#### 4.2 Field Verification

The proposed blocks were ground verified by a field layout team. The layout team provided planning support to assess timber quality, sensitive and historical sites, operability of the harvest area, and classification of water courses within the Planning Unit boundary. Where applicable, the variance findings of the layout team have been noted in the corresponding section of this report.

### 4.3 Understory Assessment

For this Planning Unit there was no understory observed during the block and road layout process. If white spruce understory is encountered within deciduous blocks during operations, it will be protected utilizing the avoidance method.

#### 4.4 Structure Retention

Alberta – Pacific will leave an average of 5% merchantable volume as structure retention throughout the FMU and Northland will leave an average of 3%. This retention will be left in the following methods:

- Laid out patches
- Mapped patches (planned with GIS desktop)
- Individual trees
- Small clumps left at the operators' discretion

#### 4.5 Debris Management

Debris management of the Planning Unit will be accomplished in a manner consistent with Section 7.3 of the OGRs.

#### **5.0 Watercourse Protection**

Where harvest blocks are in proximity to any potential watercourses, the field layout team conducted field assessments utilizing the methodology and classification standards outlined in Section 6.0 of the OGRs. Any confirmed watercourses have been buffered in accordance with the OGRs Section 6.0, Table 2.

Any deviations from the OGRs in relation to the watercourse buffers are noted in this report; please refer to the *OGR Deviations* section of the report for further information. The list of watercourse crossings can be found in Appendix B – *Watercourse Crossing Summary Table*.

#### 6.0 Road Information

Overview maps have been attached showing roads in accordance with Section 3.4.6. of the OGRs; all spatial data requirements have also been included with this submission.

Roads will be constructed, maintained, and reclaimed in a manner consistent with Section 11.3 of the OGRs.

When new access is necessary, reclamation processes will adhere to Section 11.3.4 of the OGRs. To enable for silviculture activities, all-terrain vehicle (ATV) access may be left throughout the harvest area. The list of roads can be found in Appendix C – *Road Attributes Table*.

#### 7.0 Land Use Information

A search of the Geographic Land Information Management Planning System (GLIMPS) and Digital Integrated Dispositions (DIDs) yielded active dispositions within the FHP harvest area. Any necessary agreements with the disposition holder will be in place prior to the commencement of harvest operations. None of the dispositions within the FHP harvest area will restrict harvest operations in the FHP.

The FHP design incorporates pipeline crossings for temporary class 4 roads. The agreements will be in place prior to the construction of these crossing. Below is a land use table with the various disposition holders in the area.

#### **Land Use Summary Table**

<b>Disposition Number</b>	Disposition Holder	Disposition Type				
PLA900907	CANADIAN NATURAL RESOURCES LIMITED	PLA				
PLA970984	CANADIAN NATURAL RESOURCES LIMITED	PLA				
PLA900907	CANADIAN NATURAL RESOURCES LIMITED	PLA				
PLA970623	CANADIAN NATURAL RESOURCES LIMITED	PLA				
PLA770098	SIMMONS EDECO INC.	PLA				
LOC850331	CANADIAN NATURAL RESOURCES LIMITED	LOC				
FRD610005	LAC LA BICHE COUNTY	FRD				
RRD1421597	ALBERTA TRANSPORTATION	RRD				

### 8.0 Integration with Other Forest Users

### 8.1 Integration with Other Harvest Operators

This is an integrated plan between the FMA holder and CTL holder; both companies have validated the plan.

### 8.2 Registered Fur Management Areas (RFMAs)

There are two RFMAs within the FHP who may be impacted by operations. Notification letters were sent to the respective RFMA holders, any requests from the RFMA holder have been considered, and, where possible, the harvest design has been planned to accommodate the request.

**Registered Fur Management Areas Table** 

	<u> </u>	
RFMA ID	Notification Method	Contact Method
2916	Letter	Mail
2386	Letter	Mail

# 8.3 Wildlife Management Unit(s) (WMU)

Planning Unit 076164a is location within WMU 512. The Guides and Outfitters operating within this unit have been sent notification, via registered mail, on the PHP design, as well as a timeline for the commencement of harvest operations. Any requests from Guides and Outfitters have been considered, and, where possible, the harvest design has been planned to accommodate the request.

### 8.4 Indigenous Groups

During the General Development Plan (GDP) process, Alberta – Pacific and Northland completes consultation with indigenous groups every year. There have not been any issues identified for the Planning Unit 076164a.

#### 8.5 Other Forest Users

No active recreation groups, or stakeholders have been identified.

#### 8.6 Forest Aesthetics

As outlined in Section 5.5. of the OGRs, Alberta – Pacific and Northland follow the objective to mitigate the impact of timber operations on the visual quality of the forest landscape. This FHP is not adjacent to any park or recreational areas, and no other aesthetics concerns have been noted to date by other forest users. Alberta – Pacific and Northland will strategically locate retention areas adjacent to Class I, II, and III roads, minimizing line of sight where possible.

#### 9.0 Species and Areas of Concern

#### 9.1 Woodland Caribou

Four of the blocks (and associated roads) in this plan are within East Side Athabasca range (Waiu Subunit) for mapped caribou zones. Blocks located within the caribou range will be targeted for harvest operations early in the winter to avoid mid to late winter operations as much as possible. No evidence of woodland caribou was noted during layout operations or field reconnaissance.

#### 9.2 Key Wildlife and Biodiversity Zone (KWBZ)

None of the planned blocks are within the KWBZ.

#### 9.3 Other Species

All known sensitive wildlife sites have been buffered in accordance with Section 7.7.5.2 of the OGRs.

#### 9.4 Sensitive Sites

A review of the block design and landscape of the FHP was completed by professional archaeologists. Any sites identified as being of high or moderate historical significance (historical resource sites), have been removed from the harvest design.

Upon completion of blocks and road layout, a second review of the harvest blocks, and temporary class 4 roads is completed to identify potential conflicts, and to determine if any further changes are required to the Planning Unit.

There were no signs of rare plants, or diseases identified, including signs of terrestrial lichen.

If any sites are identified post submission, Alberta – Pacific and Northland will take the appropriate action to protect these sites.

#### 9.5 Forest Health

During the layout stage and field verification stage, a team evaluated the current state of the forest health in the FHP area and found nothing of significance, as outlined in Section 10.1 of the OGRs.

If any sites are identified post submission, Alberta – Pacific and Northland will take the appropriate action to protect these sites.

#### 10.0 SHS Information / Variance Summary

Variances from the Spatial Harvest Sequence (SHS) within the Planning Unit boundary are shown in Appendix D - SHS Variance Summary Table.

#### 11.0 Silviculture Information

No watercourse crossings will be left in for silviculture.

#### 12.0 OGR Deviations

#### 12.1 Road Deviations

The first of the following tables outlines the blocks which are greater than 7 hectares, with potentially more than 5% road disturbance.

# **Road Percent Deviations Table**

Source ID	Opening Number	Block Area (ha)	Harvest Season (Frozen/ Non- Frozen)	Road Percentage	Road Percentage Reason			
FC07615418981	4150761898	8.9	Frozen	5.0	Narrow/irregular block			
NC07615407864	4150760786	11.8	Frozen	5.8	Narrow/irregular block			
NC07615408234	4150760823	49.5	Frozen	5.6	Narrow/irregular block			
NC07615415044	4150761504	20.4	Frozen	9.0	Narrow/irregular block			
NC07615416844	4150761684	13.8	Frozen	6.9	Access to other blocks			
NC07615417454	4150761745	35.3	Frozen	4.9	Narrow/irregular block			
NC07615418924	4150761892	10.8	Frozen	4.9	Access to other blocks			

# 13.0 Validation by Registered Forest Practitioner

Plan prepared and submitted on behalf of Alberta-Pacific and Northland.

Keagan Richardson, RPF

Colin Paranich, RPF

ALBERTA-PACIFIC FOREST INDUSTRIES INC.

**NORTHLAND FOREST PRODUCTS LTD** 

**Appendix A: Block Summary Table** 

Deciduous Blocks - Al-Pac													
Source ID	Opening Number	Harvest Season (Frozen/Non-Frozen)	Area (ha)	Deciduous Volume (m³)	Incidental Conifer Volume (m³)	Total Volume (m³)							
FC07615408981	4150760898	Frozen	4.9	814	173	988							
AlPac B	locks	Total	4.9	814	173	988							

**Appendix A: Block Summary Table** 

	Coniferous Blocks - NFPL														
Source ID	Opening Number	Harvest Season (Frozen/ Non-Frozen)	Area (ha)	Conifer Volume (m³)	Aris Code	Incidental Deciduous Volume (m³)	Total Volume (m³)								
NC07615407304	4150760730	Frozen	265.5	40,759	White Spruce	10,832	51,590								
NC07615407864	4150760786	Frozen	11.8	1,063	Black Spruce	241	1,304								
NC07615408234	4150760823	Frozen	49.5	4,176	Black Spruce	1,588	5,765								
NC07615415044	4150761504	Frozen	20.4	2,074	Black Spruce	434	2,508								
NC07615416724	4150761672	Frozen	5.9	535	Black Spruce	146	681								
NC07615416844	4150761684	Frozen	13.8	1,046	Black Spruce	686	1,732								
NC07615417454	4150761745	Frozen	35.3	1,775	Black Spruce	880	2,655								
NC07615418924	4150761892	Frozen	10.8	1,069	Black Spruce	338	1,407								
NFPL Bl	locks	Total	412.9	52,497		15,145	67,642								

Coniferous Blocks - Al-Pac													
Source ID	Opening Number	Harvest Season (Frozen/ Non-Frozen)	Area (ha)	Conifer Volume (m³)	Aris Code	Incidental Deciduous Volume (m³)	Total Volume (m³)						
FC07615418891	4150761889	Frozen	34.4	2,733	Black Spruce	2,627	5,360						
FC07615418981	4150761898	Frozen	8.9	798	Black Spruce	956	1,754						
Al-Pac Blocks		Total	43.3	3,531		3,583	7,114						

**Appendix B: Watercourse Crossing Summary Table** 

Road ID	Road Crossing Number	Stream Class					
	3139	Ephemeral					
	0646	Ephemeral					
	0658	Ephemeral					
	0733	Ephemeral					
RC07615407304	0737	Ephemeral					
	0649	Ephemeral					
	0669	Ephemeral					
	1299	Ephemeral					
	1864	Ephemeral					
RC07615407864	0785	Ephemeral					
	0529	Small Permanent					
	0689	Beaver Pond					
	0696	Ephemeral					
	0698	Small Permanent					
	0699	Beaver Pond					
	0679	Small Permanent					
RC07615408234	0509	Intermittent					
RCU/013406234	0791	Small Permanent					
	0792	Small Permanent					
	0801	Ephemeral					
	0820	Small Permanent					
	0821	Ephemeral					
	0539	Small Permanent					
	0840	Ephemeral					
	1695	Ephemeral					
RC07615415044	1665	Ephemeral					
	1686	Ephemeral					
RC07615416844	1664	Ephemeral					
NCU/013410844	1683	Ephemeral					
RC07615417454	1615	Intermittent					
1107013417434	1795	Small Permanent					
RC07615418891	1972	Ephemeral					
VC0\012419931	1973	Ephemeral					

**Appendix C: Road Attributes Table** 

Road ID	Road Classification	Haul Season	FCODE	Class	Length, m			
	Temp	Frozen	Winter Road	4				
	Temp	Frozen	Winter Road	4				
	Temp	Frozen	Winter Road	4				
RC07615407304	Temp	Frozen	Winter Road	4	12702			
1107013407304	Temp	Frozen	Winter Road	4	12702			
	Temp	Frozen	Winter Road	4				
	Temp	Frozen	Winter Road	4				
	Temp	Frozen	Winter Road	4				
RC07615407864	Temp	Frozen	Winter Road	4	927			
	Temp	Frozen	Winter Road	4				
RC07615408234	Temp	Frozen	Winter Road	4				
	Temp	Frozen	Winter Road	4	3444			
	Temp	Frozen	Winter Road	4				
	Temp	Frozen	Winter Road	4				
	Temp	Frozen	Winter Road	4				
RC07615415044	Temp	Frozen	Winter Road	4	2861			
	Temp	Frozen	Winter Road	4				
RC07615416724	Temp	Frozen	Winter Road	4	21			
RC07615416844	Temp	Frozen	Winter Road	4	1505			
NC07013410844	Temp	Frozen	Winter Road	4	1303			
	Temp	Frozen	Winter Road	4				
RC07615417454	Temp	Frozen	Winter Road	4	2791			
	Temp	Frozen	Winter Road	4				
DC07C4F440004	Temp	Frozen	Winter Road	4	4775			
RC07615418891	Temp	Frozen	Winter Road	4	1775			
RC07615418924	Temp	Frozen	Winter Road	4	768			
ncu/015418924	Temp	Frozen	Winter Road	4	768			
RC07615418981	Temp	Frozen	Winter Road	4	437			
				Total	27,232			

# SHS Variance Summary

Operator: Al-Pac
SR SHS Tracking between 2015 and 2025 (timber year) 2021-08-16

PD 1, Year 1-10	0
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					Planned for Harvest (ha)														Asbuilts Combined As-Built & Planned												
	H	Harvest Profile	е									\	/ariance				Harvested (ha)  SHS Assessment						V	'ariance		SHS Assessment					
											Substa	ntial			Slivers		(Excluding Slivers)						Su	bstantial		(Excluding Slivers)			Jnplanne (		
Compartment	Compamy Specific Yield Strata	Provincial Yield Strata	Approved DFA 10 Year SHS	Operator Approved FMP 10 Year SHS	SHS 1-10yr	SHS 11-20yr	Contributing Landbase Outside SHS	Non-Contributing Landbase	Total	Additions	Deletions	Deferrals	Total	Additions	Deletions & Deferrals	Total	SHS 1-10yr	SHS 11-20yr	Contributing Landbase Outside SHS	Non-Contributing Landbase	Total	SHS Variance (Additions %)	Difference in Area (Subst. Add D&D)	Difference in Area Total Harvested - 10yr FMP SHS	Additions	Deletions	Deferrals	SHS Variance (Additions %)	Difference in Area (Subst. Add D&D)	Remaining Available Area (SHS & Non- SHS)	unplanned SHS in Compartment
<b>L03-A</b> A	II	All	9,189	4,320	662	-	221	7	891	229	431	186	618	347	339	686	877	-	254	9	1,140	5.29%	(389)	(3,180)	491	431	186	11.37%	(126)	2,289	1,824
	AwU		2,723	2,709	480.05		133.34	-	010.00	133.3	215.2	119.5	334.7	72.7	189.4	262.1	714.3	-	188.8	-		4.92%	(201)	(1,806)	322	215	120	11.89%	(13)	1,193	991
PjN		DC-P	169	29	-	-	7.44	-	7.44	7.4	-	-	-	6.5	0.0	6.5	1.0	-	-	-	1.0		7	(28)	7	-	-	25.43%	7	21	28
Aw		DC-S	670	199	23.01	-	6.79	3.68	33.48	10.5	9.4	-	9.4	12.7	12.6	25.3	18.5	-		-	20.6	5.26%	1	(179)	13	9	-	6.33%	3	145	136
Sx/		CD-SW	886	168	4.59	-	-	-	4.59	-	10.6	2.4	13.0	15.4	24.5	39.9	27.7	-	-	-	27.7	0.00%	(13)	(141)	-	11	2	0.00%	(13)	136	99
PjN SxA		CD-P CD-SB	66 53	15	5.90	-	-	-	5.90	-	-	-	-	1.1 2.5	0.1 3.9	6.4	4.7	-	-	-	4.7	0.00% 0.00%	-	(5)		-	-	0.00% 0.00%		5	5
SN		C-SW	2,674	580	79.91	-	50.08		400.00	50.1	70.1	45.7	115.7	63.2	65.0	128.2	70.5		28.4		98.8	8.63%	(66)	(15) (481)	78	70	16	13.52%	(37)	351	249
J 50	rv i	C-3VV C-P	622	310	16.26		13.51	- [	29.77	13.5	15.5	18.8	34.2	14.2	12.8	27.1	18.1	_			18.1	4.36%	(21)	(292)	14	15	19	4.36%	(21)	262	228
Sb	ıG IG	C-F C-SB	1,325	300	52.74	_		3.38	61.12	8.4	110.7	10.0	110.7	96.6	30.6	127.2	22.2	_		9.1	48.1	2.79%	(102)	(252)	34	111	-	11.43%	(76)	191	84
SBF	-M (	C-SBFM	-	-	-	-		-		5.3	-	-	-	39.3	-	39.3	-	-		-		100.00%	5	18	23	-	-	100.00%	23	(23)	-
×	( )	NoStrata	-	-	-	-	-	-	-	-	-	-	-	23.3	-	23.3	-	-	-	-	-	0.00%	-	-	-	-	-	0.00%	-	-	-

Note:

Values may be affected by rounding

Planning Units inlcuded in this Submission: 74174, 75144, 76164, 76184, 77154, 78154

<sup>\*</sup> Deletions and Deferrals to be provided in shapefile format for next FMP

# SHS Variance Summary

Operator: Northlan
SR SHS Tracking between 2015 and 2025 (timber year)
PD 1, Year 1-10 2021-08-17

FD 1, 1eal 1-10		Planned for Harvest (ha)										Asbuilts							Combined As-Built & Planned											
Harvest Profile								Variance						Harvested (ha)				SHS Assessment			Variance			SHS Assessment						
						Substantial				Slivers		Harvested (Ha)				(Excluding Slivers)		Substantial		(Excluding Slivers)		<mark>Jnplanne</mark>								
Compartment	Compamy specific vield strata Provincial Yield Strata	Approved DFA 10 Year SHS	Operator Approved FMP 10 Year SHS	3HS 1-10yr	SHS 11-20yr	Contributing Landbase Outside SHS	Non-Contributing Landbase	Total	Additions	Deletions	Deferrals	Total	Additions	Deletions & Deferrals	Total	SHS 1-10yr	SHS 11-20yr	Contributing Landbase Outside SHS	Non-Contributing Landbase	Total	SHS Variance (Additions %)	Difference in Area (Subst. Add D&D)	Difference in Area Total Harvested - 10yr FMP SHS	Additions	Deletions	Deferrals	SHS Variance (Additions %)	Difference in Area (Subst. Add D&D)	Remaining Available Area (SHS & Non- SHS)	unplanned SHS in Compartment
LO3-A All	All	9,189	4,868	1,105	10	170	86	1,371	266	435	6	441	200	215	415	-	-	-	-	-	5.47%	(175)	(4,868)	266	435	6	5.47%	(175)	3,498	3,108
Aw/Aw		2,723			-	7.29	-	7.23	7.3	-	-	,	15.0	-	15.0	-	-	-	-		52.71%	7	(14)	7	-	,	52.71%	7	7	14
PjMX	DC-P	169	139		-	16.81		127.39	16.8	-	-	40.0	5.1	10.7	15.8	-	-	-	-	-	12.06%	17	(139)	17	-	-	12.06%	17	12	18
AwSx SxAw	DC-S CD-SW	670 886	471 717	110.80 97.12	1.18 0.08	7.80 3.01		119.78 100.21	9.0 3.1	19.0 14.4	5.7	19.0 20.1	16.9	14.0 16.1	30.9 20.2	-	-	-		1	1.91% 0.43%	(10) (17)	(471) (717)	9	19 14	-	1.91% 0.43%	(10) (17)	351 617	
PiMx	CD-3VV	66	57	39.68	0.08	3.15		42.82	3.1	2.8	J./ -	2.8	4.1 0.0	12.7	12.7			-		]	5.54%	(17)	(57)	3	3	-	5.54%	(17)	14	204
SxAw	CD-SB	53	38		1.16	3.13	2.09	10.41	3.3	8.0	_	8.0	1.3	1.9	3.2	_	_	_	_		8.55%	(5)	(38)	3	8	_	8.55%	(5)	28	21
Sw	C-SW	2,674	2,094	407.98		9.93		417.91	9.9	145.1	_	145.1	10.9	66.1	76.9	_	_	_	_	-	0.47%	(135)	(2,094)	10	145	_	0.47%	(135)	1,676	
Pj	C-P	622	313	156.21			20.71	176.92	20.7	103.0	-	103.0		24.9	34.0	-	-	-	-	_	6.63%	(82)	(313)	21	103	-	6.63%	(82)	136	-
SbG	C-SB	1,325	1,025	175.09	7.40	54.14	63.68	300.32	125.2	142.7	-	142.7	93.4	69.0	162.4	-	-	-	-	-	12.21%	(18)	(1,025)	125	143	-	12.21%	(18)	725	639
SBFM	C-SBFM	-	_	-		67.65	-	67.65	67.6	_	-	-	33.7	-	33.7	-	_	-	-	-	0.00%	68	-	68	-	-	0.00%	68	(68)	-
х	NoStrata	-	-	-	-	-	-	-	-	-	-	-	10.6	-	40.0	-	-	-	-	-	0.00%	-	-	-	-	-	0.00%	-	` 1	-

Note:

Values may be affected by rounding

Planning Units submitted with this variance Calculation:

76164, 77154, 76184

<sup>\*</sup> Deletions and Deferrals to be provided in shapefile format for next FMP

Appendix E - FHP Check Forest Harvest	klist Plan (FHP) Checkl	ist		
Planning Unit	076164a		Disposition Number	FMA9100029 & CTLL030047
Company	Northland Forest Produ		Submission Date	14-Sep-21
	Alberta Pacific Forest In			
	ROVAL ITEM	YES/NO	INITIAL/DATE	
*Validated by RFP	1 200/ CGHG 1	Yes	CGP- 20210823	
cover type in the FH		Yes	CGP- 20210823	
type in the FHP	eed 100% of SHS by cover	Yes	CGP- 20210823	
	ound Rules (if "NO", see ion of the harvest design	Yes	CGP- 20210823	
*Compartment asse	ssment not required	Yes	CGP- 20210823	
*Plan agreed to in v companies	vriting by affected forest	Yes	CGP- 20210823	
** Appraisal of deviat	ions is required if "No" has been in		een indicated on any of these Approva Approval Item.	l Items.  Company (Y,N,N/A)
Administrative Con				
FHP consistent with Required disposition FHP complete and I - maps - block tables	letailed block plans identified	DFMP, SHS, 0		Y Y Y Y Y Y Y
<b>Ground Rule Devia</b>	ations (see OGR Varia	nce portio	on of the harvest design i	report)
	g ground rule deviations have bed for all ground rule deviations			Y
Utilization				
SHS Variance report Deviations from utility	lization standards are identified matches license document (if i		d justified has approval documentation for	Y Y Y
Integration with O	ther Users			
Trapper information Forest recreation gro GTA completed and Historical resources Any issues raised by	identified and contacted a and concerns, where applicable oups identified and contacted digrazing disposition holders hat integrated into the plan by other users or the public have conflicts have been documented	ve been contact	cted (Directive 2011-03)	Y Y Y N/A Y Y etc,)
Access Managemen	nt			
Access managemen etc) (7.7.1.7 & 7.7.5		ave been descr	ribed and identified (location, timir	ng, signage, Y
<b>Sensitive Sites</b>				
	concerns addressed identified and potential impacts	s mitigated		<u>Y</u> Y

Road Design										
Location and design have been identified		<u>Y</u>								
List of channeled watercourse crossings including watercourse	classification, map identifier, etc	Y								
Crossings not exempt under the Water Act are identified		Y								
Any proposed permanant access in Caribou zones has been ider		N/A								
Access opened for layout under TFA is incorporated into road d	_	N/A								
Existing access and DLOs integrated into the plan are identified	Y									
Removal and reclamation of old crossings is identified (if "N/A	", this must be identified in the AOP)	N/A								
Wildlife										
Wildlife zones within the planning area are identified and addre	ssed	V								
FWMIS search completed and the issues identified have been a		Y								
Harvest areas with timing restrictions identified	44.5554	<u> </u>								
For Woodland Caribou zone, areas of concentrated terrestrial lic	chen growth have been delineated and DBPs are	N/A								
proposed										
All known sensitive wildlife sites have been addressed (mineral	licks, raptor nests, den sites, etc)	Y								
Insect, Disease & Fire										
Firesmart tactics are identified and described		Y								
Known infestations of insect and disease are identified and miti	gation is described	Y								
Debris disposal methods identified										
Silviculture										
Pre-harvest strata declaration is included										
Watercourse crossings maintained for silviculture purposes are identified (if "N/A", these crossings must be identified in the AOP)										
identified in the river)		N/A								
EUD's are annualled through accountance and will be considered a	naveyed on the date Alberta colmovided assuracin	4 of the								
-FHP's are approved through acceptance and will be considered approved on the date Alberta acknowledges receipt of the										
Work.	oint within 5 working days of submission									
-Alberta shall notify the organization by acknowledging rec -The notification date will be documented by Alberta as the										
-Alberta shall periodically check the work and supporting d										
-At any time, approval can be revoked where Alberta learns the FHP is inaccurate or deficient in content										
Company Sign Off										
$\cap \cap \cap \bigcap$										
DED #1772	Northland Forest Products Ltd.	14 San 21								
RFP #1773 Submitting RFP Validation	Company	14-Sep-21 Date								
Submitting KFF varidation	Company	Date								
<b>D</b> •										
Deantichushi										
RPF #1946	Alberta-Pacific Forest Industries Ltd.	14-Sep-21								
Submitting RFP Validation	Company	Date								
	Company	Dute								
(for integrated plans)	Company	Buic								
	Company	Buc								
(for integrated plans)  AAF Sign Off	Company	Bate								
	Company	Bute								
	Company	Bute								
	Company									