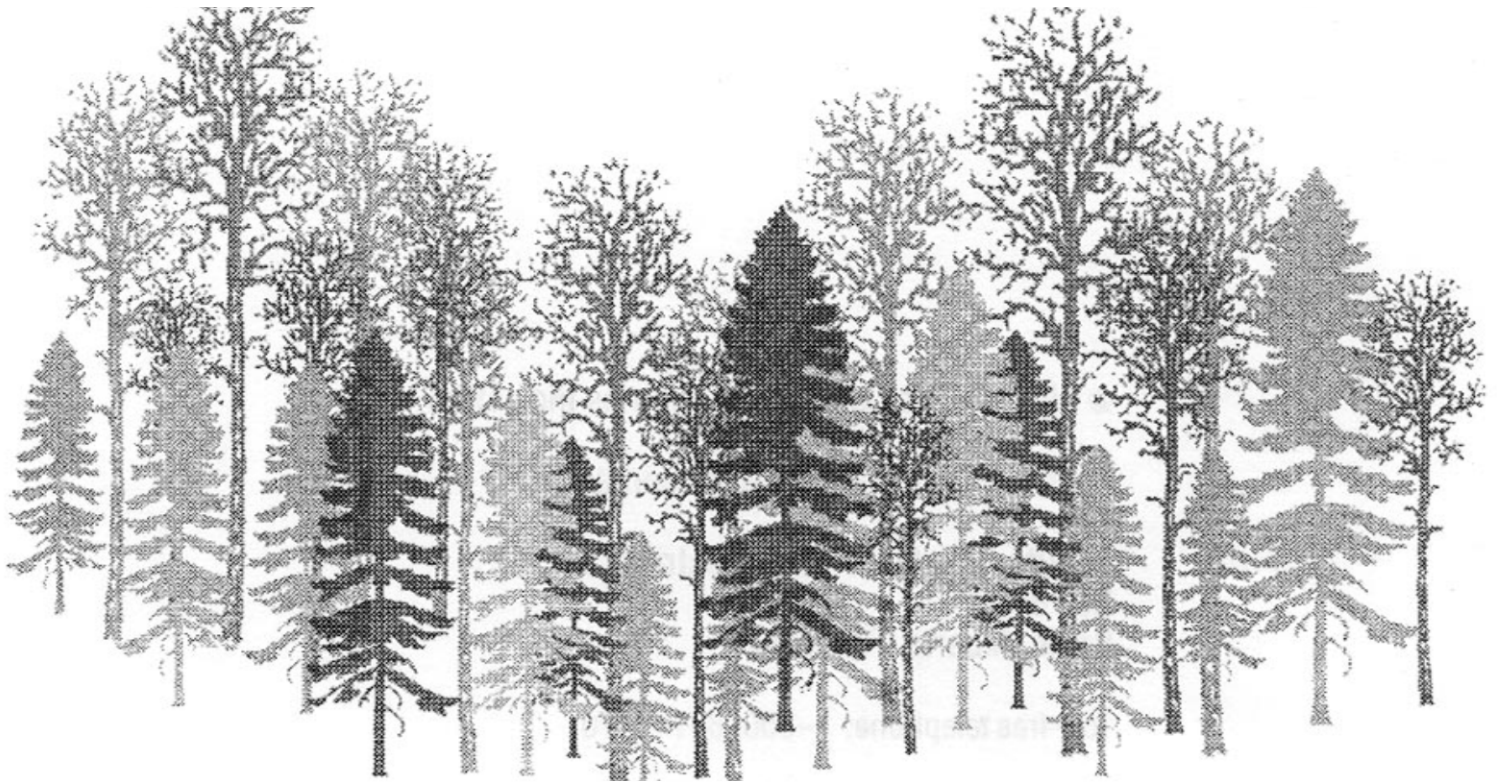


**ALBERTA
PACIFIC**
FOREST INDUSTRIES INC

Forest Harvest Plan



Planning Unit 081055

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Planning Unit 081055 Forest Harvest Plan

1. Introduction

This Forest Harvest Plan (FHP) for Planning Unit 081055 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 2017-18 Alberta-Pacific Forest Industries Inc. (Alberta-Pacific) Annual Operating Plan (AOP).

This FHP has been discussed with Alberta Agriculture and Forestry (AAF).

2. Planning Unit Specific Comments

Planning Unit 081055 is located west of Wabasca Desmarais.

The planning unit is located in Forest Management Unit (FMU) S18. Alberta-Pacific has rights to D as deciduous landbase.

The harvest design utilizes the 2006 Spatial Harvest Sequence (SHS).

Integration

Since this FHP is in FMU S18 it has been provided for review to the following forest operators:

West Fraser Mills Ltd. (Alberta Plywood Division)
Vanderwell Contractors (1971) Ltd.

Alberta-Pacific has received Vanderwell's agreement for this plan on April 3, 2017.

Alberta-Pacific has received West Fraser Mills' agreement for this plan on April 26, 2017

Watershed

The Nipisi River has been used as the planning unit boundary along the west side and has been surveyed as fish bearing and navigable. No channelled watercourses or waterbodies within this planning unit have been surveyed as fish bearing or navigable.

All unsurveyed channelled creeks have been buffered and crossed as though they were fish bearing.

Stand Structure

An average of 5% of the merchantable volume will be left in stand structure over the FMU. The structure will be left as laid out patches, and as single trees and small clumps of timber at the operators' discretion.

Stand structure has been planned (delineated) in the larger blocks to create larger residual areas. These areas are identified as Retention Areas (RAs) within the lists and on the maps. These blocks have a 9 at the end of the block number.

Debris Management

All of the blocks in this unit are outside FireSmart Community Zones as identified by AAF. One or more of the following debris management strategies apply for blocks within this planning unit:

- Methods described in the Forest and Prairie Protection Act and Regulations, and/or
- Thinly spread slash throughout the block.

Blocks within this planning unit will not utilize the retention of debris piles as a management strategy.

The deciduous utilization standard will be 15/10. The coniferous utilization standard will be 15/11.

Design Comments

A 200m buffer has been placed on Farrell Lake because of its adjacency to South Farrell Lake which is identified as a Trumpeter Swan Lake which affects blocks 08006525641 and 08005531371.

3. Block Information

The following table summarizes the volumes within Alberta-Pacific's FHP blocks.

Landbase Volume Summary

Company	Area (ha)	Decid (m3)	Conif (m3)	Inc Conif (m3)	Total (m3)
Alberta-Pacific	1,531	321,527	895	17,763	340,180

Landbase Volume Summary (Harvested Blocks)

Company	Area (ha)	Decid (m3)	Conif (m3)	Inc Conif (m3)	Total (m3)
Alberta-Pacific	1,239	8,176	0	875	9,051

Blocks 08006534851 and 08105527111 from the previous submission were listed to have their coniferous volume hauled as (CTL) chargeable and will again for this submission.

For this submission the following Alberta-Pacific FHP blocks will have their coniferous volume hauled as quota (CTL) chargeable:

08105516161 08005535171

Block 08105509741 was previously approved as a block, but has now been added to block 08105509381.

Block 08106512981 was previously approved as a block, but has now been split into three blocks, 08105507181, 08106512941 and 08106512981.

The blocks in bold in the following tables have been added to or have been revised by this plan.

Alberta-Pacific Deciduous First Entry Block Listing

(Values Affected by Rounding)

Source Id	Opening Num	Harv Season	Conif Charge	Detail Plan	Area (ha)	Decid (m3)	Conif (m3)	Inc Conif (m3)	Total (m3)
08005531371	5050803137	N	INC		77	17,333	5	910	18,248
08005535171	5050803517	F	CTL		6	1,097	0	59	1,157
08006525641	5060802564	F	INC		7	1,193	0	37	1,230
08006534341	5060803434	F	INC		18	3,167	298	919	4,384
08006534851	5060803485	F	CTL		22	4,396	367	1,317	6,080
08006535681	5060803568	F	INC	U	9	1,745	0	102	1,847
08006536421	5060803642	F	INC		13	3,416	0	107	3,523
08105501641	5050810164	N	INC	U	84	14,672	0	838	15,510
08105501871	5050810187	N	INC	U	11	1,857	0	191	2,048
08105502311	5050810231	N	INC	U	74	16,057	36	1,202	17,294
08105502821	5050810282	N	INC		21	3,700	0	180	3,880
08105503251	5050810325	F	INC		152	31,210	28	1,133	32,371
08105507181	5050810718	F	INC	U	6	990	0	31	1,020
08105509381	5050810938	N	INC		105	24,102	0	833	24,934
08105510231	5050811023	F	INC		8	1,877	0	61	1,938
08105510561	5050811056	N	INC	U	107	22,274	0	1,377	23,651
08105511311	5050811131	N	INC	U	63	11,664	0	1,231	12,895
08105511771	5050811177	N	INC		88	22,389	39	1,113	23,541
08105514211	5050811421	N	INC		52	10,469	0	517	10,985
08105515571	5050811557	N	INC		156	35,991	0	1,258	37,250
08105516161	5050811616	N	CTL		8	1,843	0	57	1,900
08105516731	5050811673	N	INC	U	168	37,468	8	1,233	38,709
08105517731	5050811773	N	INC		1	75	0	2	78
08105519791	5050811979	F	INC		2	351	0	43	394

**Alberta-Pacific Deciduous First Entry Block Listing
(Cont.)**

(Values Affected by Rounding)

Source Id	Opening Num	Harv Season	Conif Charge	Detail Plan	Area (ha)	Decid (m3)	Conif (m3)	Inc Conif (m3)	Total (m3)
08105520481	5050812048	F	INC		19	4,020	0	196	4,216
08105520631	5050812063	F	INC	U	12	2,041	0	117	2,158
08105520861	5050812086	F	INC		3	544	0	57	602
08105522121	5050812212	N	INC		22	4,891	0	151	5,042
08105523481	5050812348	F	INC		3	566	0	23	589
08105527111	5050812711	F	CTL		4	821	0	157	979
08105527821	5050812782	N	INC		5	788	0	54	842
08105528591	5050812859	F	INC	U	7	1,324	0	126	1,450
08105528671	5050812867	F	INC		7	1,424	0	103	1,528
08105528861	5050812886	F	INC	U	14	3,118	0	118	3,237
08105529471	5050812947	F	INC		9	1,418	0	88	1,506
08105529621	5050812962	F	INC		21	3,267	0	251	3,518
08105529641	5050812964	F	INC		3	471	0	19	490
08105529981	5050812998	F	INC		5	1,069	0	38	1,107
08105530771	5050813077	F	INC		16	3,012	0	132	3,144
08106501121	5060810112	N	INC		2	316	0	38	354
08106502331	5060810233	F	INC	U	36	6,794	115	514	7,423
08106502731	5060810273	N	INC	U	42	6,799	0	491	7,290
08106512171	5060811217	F	INC		4	949	0	32	981
08106512391	5060811239	F	INC		5	743	0	63	805
08106512941	5060811294	F	INC	U	4	663	0	21	684
08106512981	5060811298	F	INC	U	5	880	0	27	907
Total					1,506	315,258	895	17,567	333,720

The conifer within Blocks 08005535171, 08006534851, 08105516161 and 08105527111 has been assigned White Spruce cover type for coniferous volume chargeability.

Unscheduled Harvested Block Listing

(Values Affected by Rounding)

Source Id	Opening Num	Status	Area (ha)	Decid (m3)	Conif (m3)	Inc Conif (m3)	Total (m3)
08005532441	5050803244	Harv Comp	3	0	0	0	0
08005533361	5050803336	Harv Comp	122	0	0	0	0
08005533831	5050803383	Harv Comp	25	0	0	0	0
08105505671	5050810567	Harv Comp	50	0	0	0	0
08105508261	5050810826	Harv Comp	134	0	0	0	0
08105509231	5050810923	Harv Comp	95	0	0	0	0
08105517291	5050811729	Harv Comp	6	0	0	0	0

Unscheduled Harvested Block Listing (Cont.)

(Values Affected by Rounding)

Source Id	Opening Num	Status	Area (ha)	Decid (m3)	Conif (m3)	Inc Conif (m3)	Total (m3)
08105520141	5050812014	Harv Comp	82	0	0	0	0
08105521371	5050812137	Harv Comp	46	0	0	0	0
08105521731	5050812173	Harv Comp	221	0	0	0	0
08106501631	5060810163	Harv Comp	146	0	0	0	0
08105506771	5050810677	Harv Comp	16	0	0	0	0
08105507631	5050810763	Harv Comp	174	0	0	0	0
08105517231	5050811723	Harv Comp	28	0	0	0	0
08106501341	5060810134	Harv Comp	4	0	0	0	0
08106501371	5060810137	Harv Comp	28	0	0	0	0
08106502881	5060810288	Harv Comp	8	0	0	0	0
08106512111	5060811211	Harv Comp	13	0	0	0	0
Total			1,203	0	0	0	0

Retention Area Listing

(Values Affected by Rounding)

Retention Id	Area (ha)	Decid (m3)	Conif (m3)	Inc Conif (m3)	Total (m3)
08105515489 5050811548	10	2,460	0	78	2,538
08105515719 5050811571	11	2,805	0	87	2,892
08105516729 5050811672	4	999	0	31	1,030
Total	25	6,269	0	196	6,460

Retention Area Listing (Harvested Blocks)

(Values Affected by Rounding)

Retention Id	Area (ha)	Decid (m3)	Conif (m3)	Inc Conif (m3)	Total (m3)
08005533959 5050803395	3	727	0	22	750
08105507319 5050810731	4	711	0	178	889
08105508279 5050810827	3	636	0	20	655
08105509239 5050810923	5	1,216	0	42	1,257
08105517439 5050811743	17	4,010	0	587	4,596
08105517979 5050811797	4	876	0	27	903
Total	36	8,176	0	875	9,051

4. Access and Road Information

Planning Unit Temporary Road Information

Existing access has been utilized where possible to minimize the clearing of new Right of Way (RoW).

New access and channelled watercourse crossings will be reclaimed in order to restrict access. All terrain vehicle (ATV) access may be left to facilitate silviculture activities.

New access and channelled watercourse crossings will be reclaimed as per Section 11.3.4 of the OGRs. Road reclamation and abandonment details are listed in the AOP when the blocks and roads are scheduled.

The roads in bold in the following table have been added to or revised by this plan.

Inter Block Roads and Crossings

Road No.	Class	Length (Km)	Construction Season	Crossing Location	Field Call	Navigability
01121	4S	2.03	Non-Frozen			
01341	4W	0.36	Frozen	0134	E	U
01371	4W	0.74	Frozen	0118	I	U
01641	4S	1.70	Non-Frozen	0113	E	U
				0276	E	U
01871	4S	0.07	Non-Frozen			
02311	4S	1.49	Non-Frozen	0251	E	U
				0271	SP	U
02331	4W	0.49	Frozen			
02731	4S	1.53	Non-Frozen	0273	E	U
02821	4S	1.37	Non-Frozen	0131	T	U
02881	4W	0.82	Frozen	0127	E	U
03251	4W	7.96	Frozen	0323	E	U
				0342	I	U
				0343	E	U
				0345	E	U
				0355	E	U
07631	4S	4.85	Non-Frozen	0761	E	U
				0764	E	U
09381	4S	3.11	Non-Frozen	1773	T	U
10231	4W	0.29	Frozen			
10561	4S	1.91	Non-Frozen	1085	I	U
				1532	E	U
11311	4S	2.19	Non-Frozen	1083	E	U
				1096	B	U
11771	4S	2.11	Non-Frozen			
12111	4W	0.11	Frozen			
12171	4W	0.56	Frozen			
12391	4W	0.97	Frozen	1277	E	U

Inter Block Roads and Crossings (Cont.)

Road No.	Class	Length (Km)	Construction Season	Crossing Location	Field Call	Navigability
12981	4W	0.83	Frozen			
14211	4S	1.12	Non-Frozen			
15571	4S	2.74	Non-Frozen	1535	E	U
16161	4S	0.02	Non-Frozen			
16731	4S	2.82	Non-Frozen	1687	E	U
17231	4S	0.18	Non-Frozen			
17731	4S	0.02	Non-Frozen			
19791	4W	0.72	Frozen			
20481	4W	0.69	Frozen	2056	E	U
				2057	E	U
20631	4W	2.62	Frozen			
20861	4W	1.54	Frozen	2096	I	U
22121	4S	0.87	Non-Frozen			
23481	4W	0.90	Frozen			
25641	4W	0.95	Frozen			
27111	4W	1.52	Frozen	2229	I	U
27821	4S	0.35	Non-Frozen	2709	E	U
28591	4W	0.08	Frozen			
28671	4W	0.62	Frozen			
28861	4W	0.77	Frozen			
29471	4W	0.44	Frozen			
29621	4W	2.01	Frozen	2941	E	U
				2952	E	U
29641	4W	0.88	Frozen	2973	E	U
29981	4W	0.71	Frozen			
30771	4W	1.86	Frozen			
31371	4S	1.71	Non-Frozen			
34341	4W	0.30	Frozen	3455	E	U
				3465	E	U
34851	4W	2.21	Frozen			
35171	4W	0.20	Frozen	3488	E	U
35681	4W	0.73	Frozen	3568	B	U
36421	4S	0.71	Non-Frozen			
	4W	1.37	Frozen			
Total Class 4W:		34.25				
Total Class 4S:		32.90				
Total Class 4P		9.92				

In the above table, possible “Field Call” channelled watercourse classifications are beaver pond (B), ephemeral (E), intermittent (I), transitional (T), small permanent (SP) or no channelled watercourse (NW). The “Navigability” rating identifies channelled watercourse as being potentially navigable (N) or potentially unnavigable (U) based on the possibility of traveling the stream with a vessel. The “Field Call” channelled watercourse classifications in the above table are based on Table 1 of the OGRs at the time, and during the conditions, when layout was conducted.

5. Non Timber Values

Public Involvement

Copies of this harvest plan are available for viewing at www.alpac.ca.

The Public Involvement for this plan was completed during this year's GDP review meetings.

No concerns have been identified through the public involvement process to date.

Aboriginal Consultation

The Aboriginal Consultation for this plan was completed during this year's GDP review meetings.

Trappers

The holders of the following Registered Fur Management Areas (RFMA) have been contacted regarding harvesting activities within Planning Unit 081055 and their concerns have been noted below:

- 0029
- 0116
- 1784
- 2296

No concerns have been identified through the Trapper Consultation process to date.

Guides and Outfitters

The holders of the following permits within Wildlife Management Unit (WMU) 542 have been notified of Alberta-Pacific's harvest plans within Planning Unit 081055 and their concerns have been noted below:

- 0066 - 0163 - 0490 - 0729
- 0869 - 0995 - 1060

No concerns have been identified through the Guide and Outfitter Consultation process to date.

Forest Recreation Groups

There are currently no active forest recreation groups with interests within this planning unit.

Historical Resources

Known historical resource sites have been addressed during the design of this plan. Lands on which historical resource sites are likely to occur will be checked prior to commencement of operations.

Forest Aesthetics

In order to limit line of sight off the Muskwa Tower Road (DLO000766), operator structure retention will be focused to the areas adjacent to the road within the following blocks:

08105509381	08105515571	08105516161
08105516731	08105517731	08105522121

Land Use

As per a review of the Alberta Government's Digital Integrated Dispositions (DIDs) digital mapping program on March 1, 2017 and Alberta-Pacific's Landuse files from Evergreen Land Use Consulting on March 1, 2017, there are currently no dispositions within this planning unit that restrict the harvesting of timber.

Wildlife

This planning unit is within Caribou Range. Operations will adhere to the Alberta-Pacific Caribou Protection Plan submitted annually in the fall.

All known sensitive wildlife sites have been buffered according to section 7.7.6.2 of the OGRs. These buffers have been placed into RAs.

Access and Access Management

Existing access has been utilized where possible to minimize the clearing of new RoW.

The following policies will be implemented to mitigate access management concerns:

- Temporary road systems will be closed as soon as possible after the harvesting, hauling, and silviculture activities have been completed.

The following access control practices will also be implemented:

- If a significant delay occurs between harvesting and hauling, temporary access controls on roads will be utilized to restrict access by motorized vehicles. These controls may include the placement of logs on the road, snow berms, and/or removal of creek crossings.
- Slash rollback at strategic points (such as at the ends of the block or at the junction of the temporary road and permanent road) will be completed as soon as possible after logging to discourage access by all terrain or four wheel drive vehicles.

Timing

Since the planning unit falls within a Caribou Range, the timing of operations will be completed as per the Alberta-Pacific Caribou Protection Plan.

6. Spatial Harvest Sequence Summary

The table below summarizes the variance (in area) from the SHS, for Alberta-Pacific harvesting.

The variance exceeds the 20% allowable by cover type for acceptance as per the OGRs. The primary cause for the variance was due to the remaining SHS being quite spread out and scattered. Alberta-Pacific has moved to more of a single pass approach with our planning and harvesting operations. However, due to the scattered nature of the remaining available volume from the 2006 SHS, in this area, it was not possible to achieve this approach and remain under 20% variance. Due to the benefits realized from a single entry versus multiple entries, Alberta-Pacific felt this warranted a slight increase in variance.

Non-SHS area has been incorporated into this harvest design to concentrate harvest around the recently completed Muskwa Tower Road. These additions have been offset by adding 329 hectares of unscheduled SHS stands within Twps 080-05-5 and 080-06-5 into the "Total SHS in Planning Unit". This incorporated area will be deferred from the current SHS. Without this deferral to offset the additions the Variance % would be 14.3%. These stands have been pre-blocked in the new SHS.

SHS Tracking

SHS Tracking	Decid. Cover Type	Sw Cover Type	Sb Cover Type	Pj Cover Type	Total Cover Type
Total SHS in Planning Unit	2,875.5	0.0	0.0	0.0	2,875.5
FHP SHS Harvest ha.	1,929.5	0.0	0.0	0.0	1,929.5
Deleted SHS ha. (reportable)	287.6	0.0	0.0	0.0	287.6
Deferred SHS ha. (reportable)	405.6	0.0	0.0	0.0	405.6
Variance % ⁽¹⁾ (reportable)	24.1%	0.0%	0.0%	0.0%	24.1%
Addition ha. (reportable)	693.1	7.6	0.0	0.0	700.7
Bypassed ha.	0.0	0.0	0.0	0.0	0.0
Total Harvest ha. ⁽²⁾	2,622.6	7.6	0.0	0.0	2,630.2
SHS Variance ha. (unreportable) ⁽³⁾	252.8	0.0	0.0	0.0	252.8
Additions ha. (unreportable) ⁽⁴⁾	84.2	20.1	4.3	0.8	109.4

(1) Variance % is the reportable Deleted and Deferred SHS ha. expressed as a percentage of the Total SHS in the Planning Unit.

(2) Total Harvest ha. is the sum of FHP SHS Harvest ha. and Additions ha. (reportable).

(3) SHS Variance ha. (unreportable) are the deletions and deferrals from the SHS that are less than 2.0 ha. in size.

(4) Additions ha. (unreportable) are the additions to the FHP design that are less than 2.0 ha. in size.

7. Silviculture Information

The following table outlines the initial silviculture declarations for FHP blocks within Planning Unit 081055. Cover group balanced declarations will be submitted post harvest.

Alberta-Pacific Silviculture Declarations

Source Id	Opening Num	Area (ha)	Lanbase Desig
08005531371	5050803137	76.5	ALPC0501
08005535171	5050803517	5.8	ALPC0501
08006525641	5060802564	7.0	ALPC0501
08006534341	5060803434	17.7	ALPC0501
08006534851	5060803485	22.3	ALPC0501
08006535681	5060803568	9.4	ALPC0501
08006536421	5060803642	12.9	ALPC0501
08105501641	5050810164	84.1	ALPC0501
08105501871	5050810187	11.3	ALPC0502
08105502311	5050810231	74.1	ALPC0501
08105502821	5050810282	21.0	ALPC0501
08105503251	5050810325	152.4	ALPC0501
08105507181	5050810718	6.0	ALPC0501
08105509381	5050810938	105.4	ALPC0501
08105510231	5050811023	8.0	ALPC0501
08105510561	5050811056	106.9	ALPC0501
08105511311	5050811131	62.8	ALPC0501
08105511771	5050811177	87.9	ALPC0501
08105514211	5050811421	52.0	ALPC0501
08105515571	5050811557	156.3	ALPC0501
08105516161	5050811616	7.8	ALPC0501
08105516731	5050811673	168.4	ALPC0501
08105517731	5050811773	0.4	ALPC0501
08105519791	5050811979	2.3	ALPC0501
08105520481	5050812048	18.5	ALPC0501
08105520631	5050812063	12.3	ALPC0501
08105520861	5050812086	3.4	ALPC0501
08105522121	5050812212	22.0	ALPC0501
08105523481	5050812348	3.2	ALPC0501
08105527111	5050812711	3.6	ALPC0501
08105527821	5050812782	4.8	ALPC0501
08105528591	5050812859	6.9	ALPC0502
08105528671	5050812867	6.7	ALPC0501
08105528861	5050812886	14.2	ALPC0501
08105529471	5050812947	8.8	ALPC0501

Alberta-Pacific Silviculture Declarations (Cont.)

Source Id	Opening Num	Area (ha)	Lanbase Desig
08105529621	5050812962	21.0	ALPC0501
08105529641	5050812964	2.8	ALPC0501
08105529981	5050812998	4.6	ALPC0501
08105530771	5050813077	16.4	ALPC0501
08106501121	5060810112	1.5	ALPC0501
08106502331	5060810233	35.9	ALPC0501
08106502731	5060810273	42.1	ALPC0501
08106512171	5060811217	4.0	ALPC0501
08106512391	5060811239	4.7	ALPC0501
08106512941	5060811294	3.9	ALPC0502
08106512981	5060811298	5.2	ALPC0501

All deciduous blocks will be Leave for Natural (LFN).

8. OGRs Variances

Blocks

The variance exceeds the 20% allowable by cover type for acceptance as per the OGRs. Refer to Section 6 of this document for further details.

The following blocks border lakes less than 4.0 hectares in size and have utilized a 30m buffer:

08105503251	08105509381	08105510231
08105511311	08105511771	08105516731

The following blocks contain >600 st/ha of White Spruce understorey but are too small for understorey protection methods, and will not have the understorey protected by avoidance or strips:

08105523481	08106512171	08106512391
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No understorey assessments will be submitted for these blocks.

Block 08105515571 contains a stand >2 ha that was AVI identified as containing ≥ 600 stems/ha of White Spruce understorey at grid location 1585. This stand was identified as containing clumps of Balsam Fir and clumps of White Spruce. It will not have high intensity understorey protection and will be harvested using avoidance methods.

The following table identifies blocks greater than 7.0 ha that may exceed 5% road disturbance once turnabouts are constructed.

Road Percent

Source Id	% Road Class	Comments
08006525641	11	Narrow block and/or irregular shaped block.
08006534341	6	Narrow block and/or irregular shaped block.
08006535681	6	Narrow block and/or irregular shaped block.
08006536421	5	Extra road required; Access to other blocks.
08105501641	6	Extra road required for understorey concerns.
08105501871	8	Narrow block and/or irregular shaped block.
08105502311	5	Narrow block and/or irregular shaped block.
08105502821	6	Narrow block and/or irregular shaped block.
08105506771	9	Narrow block and/or irregular shaped block.
08105510231	7	Narrow block and/or irregular shaped block.
08105511311	6	Extra road required for understorey concerns.
08105511771	5	Extra road required; Access to other blocks.
08105514211	5	Narrow block and/or irregular shaped block.
08105520481	8	Narrow block and/or irregular shaped block.
08105520631	5	Narrow block and/or irregular shaped block.
08105522121	5	Extra road required for terrain.
08105528591	6	Narrow block and/or irregular shaped block.
08105528671	6	Narrow block and/or irregular shaped block.
08105528861	5	Extra road required for understorey concerns.
08105529471	7	Narrow block and/or irregular shaped block.
08105529621	5	Narrow block and/or irregular shaped block.
08105530771	7	Narrow block and/or irregular shaped block.
08106501371	6	Narrow block and/or irregular shaped block.
08106502331	5	Extra road required for understorey concerns.
08106502731	6	Narrow block and/or irregular shaped block.
08106502881	7	Extra road required; Access to other blocks.
08106512111	6	Narrow block and/or irregular shaped block.

The percent road class values have been achieved by rounding the road disturbance percent to the nearest whole number.

Roads

Road Comments

Road No.	Class	Comments
01641	4S	Contains spur roads within 200m of a Lake at grid locations 0247 and 0254.
01871	4S	Contains a road within 200m of a Lake at grid location 0139 and a spur road within 200m of a Lake at grid location 0148.
02311	4S	Contains a road within 200m of a Lake at grid location 0235. Contains spur roads within 200m of a Lake at grid locations 0213, 0216, and 0226.

Road Comments (Cont.)

Road No.	Class	Comments
03251	4W	Contains road within 200m of a Lake at grid location 0488. Contains spur roads within 200m of a Lake at grid locations 0365, 0373, and 0489.
09381	4S	Contains road within 200m of a Lake at grid location 1642 and a spur road within 200m of a Lake at grid location 1622.
10231	4S	Contains a spur road within 200m of a Lake at grid location 1012.
11311	4S	Contains a spur road within 200m of a Lake at grid location 0399.
11771	4S	Contains a spur road within 200m of a Lake at grid location 0139.
12171	4W	This road is within 100m of a large permanent watercourse at grid location 1217.
25641	4W	Contains a spur road that may be within 100m of a large permanent stream with sport fish potential at grid locations 2554 and 2574.
27111	4W	This road is within 200m of a Lake at grid location 2229.
34341	4W	This road is within 100m of a large permanent watercourse at grid location 3434.