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Forest Harvest Plan

Planning Unit 080025F



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FHP Report

Introduction

This Forest Harvest Plan (FHP) – Planning Unit 080025F is prepared by Alberta – Pacific Forest Industries Inc. (Alberta – Pacific) under the McMillan Lake Fire Salvage plan, which was approved Aug 13, 2019. Alberta – Pacific holds the active timber disposition FMA9100029.

This plan has been designed to adhere to the Northeast Alberta Operating Ground Rules (OGRs), revised 2018 and Directive No 2007-01. Deviations from the OGRs and this directive, specific to this FHP, have been identified in this FHP.

Block Information

A *Block Summary Table* has been included below, outlining the expected volumes of the harvest area.

Block Summary Table

(Values rounded to whole numbers)

Table 1: Block Summary – This table provides a brief description of the proposed harvest blocks within the planning unit.

Deciduous Blocks						
<i>Source ID</i>	Opening Number	Harvest Season (Frozen/Non-Frozen)	Area (ha)	Deciduous Volume (m ³)	Incidental Conifer Volume (m ³)	Total Volume (m ³)
FC07903525561	5030792556	Non-Frozen	23	3,176	154	3,330
FC07903527471	5030792747	Frozen	43	10,992	2,320	13,311
FC07903536321	5030793632	Non-Frozen	2	420	13	433
FC07903536921	5030793692	Non-Frozen	5	1,362	151	1,513
FC08002503751	5020800375	Non-Frozen	7	1,250	372	1,623
FC08002504151	5020800415	Non-Frozen	4	1,160	196	1,356
FC08002504691	5020800469	Non-Frozen	17	2,394	1,317	3,710
FC08002505611	5020800561	Non-Frozen	5	1,393	154	1,547
FC08002511071	5020801107	Non-Frozen	50	5,978	2,772	8,750
FC08002511351	5020801135	Frozen	4	781	283	1,064
FC08002512051	5020801205	Frozen	18	3,693	1,669	5,363
FC08002512381	5020801238	Frozen	8	1,703	469	2,172

<i>Source ID</i>	Opening Number	Harvest Season <i>(Frozen/Non-Frozen)</i>	Area <i>(ha)</i>	Deciduous Volume <i>(m³)</i>	Incidental Conifer Volume <i>(m³)</i>	Total Volume <i>(m³)</i>
FC08002515571	5020801557	Non-Frozen	59	9,972	2	9,974
FC08002517261	5020801726	Frozen	59	15,083	983	16,066
FC08002522451	5020802245	Frozen	10	2,368	116	2,483
FC08002523291	5020802329	Frozen	57	10,794	3,619	14,414
FC08002524871	5020802487	Frozen	40	6,867	2,606	9,473
Total			411	79,385	17,197	96,581

Watercourse Protection

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.

Watercourse Crossing Summary Table

Table 2: Watercourse Crossing Summary - A list of road crossings over field verified watercourses within the planning unit.

Road ID	Road Crossing Number	Stream Class
RC07903527471	2748	Ephemeral
RC08002511351	1158	Ephemeral
	1168	Ephemeral
RC08002515671	1014	Intermittent
RC08002517261	906	Small Permanent
RC08002522451	2242	Beaver Pond
	2244	Small Permanent
RC08002523291	1418	Beaver Pond
RC08002524871	2466	Small Permanent

Road Information

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.

Any deviations from the OGRs in relation to the in-block road % are noted in this report. Please refer to the *OGR Deviations* section of the report.

Road Attributes Table

(Values rounded to whole numbers)

Table 3: Road Attributes - Summary of the proposed inter-block roads of the planning unit.

<i>Road ID</i>	<i>Road Classification</i>	<i>Haul Season</i>	<i>Length, m</i>
RC07903525561	Temporary	Non-Frozen	1,637
RC07903527471	Temporary	Frozen	746
RC07903536921	Temporary	Non-Frozen	997
RC08002503751	Temporary	Non-Frozen	104
RC08002504151	Temporary	Non-Frozen	713
RC08002504691	Temporary	Non-Frozen	641
RC08002505611	Temporary	Non-Frozen	377
RC08002511071	Temporary	Non-Frozen	2,233
RC08002511351	Temporary	Frozen	1,530
RC08002512051	Temporary	Frozen	1,993
RC08002512381	Temporary	Frozen	406
RC08002515571	Temporary	Non-Frozen	5,534
RC08002517261	Temporary	Frozen	5,133
<i>Total Length</i>			<i>22,041</i>

Camp Locations

Table 4: Camp Locations - Proposed camp locations in the Planning Unit.

<i>Source ID</i>	<i>Opening Number</i>	<i>Latitude</i>	<i>Longitude</i>
FC07903527471	5030792747	55.880611	-114.381857
FC08002504691	5020800469	55.913318	-114.253569
FC08002511071	5020801107	55.91699	-114.212718

Land Use Information

Landuse Agreements

A search of the Land Status Automated System (LSAS) and of 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 area will restrict harvest operations of the FHP.

Land Use Summary Table

Table 5: Land Use Summary - Active dispositions in the planning unit

Disposition Number	Disposition Holder	Disposition Type
PLA961169	CANADIAN NATURAL RESOURCES LIMITED	Pipeline
PLA971941		
EZE160031	ALBERTA POWERLINE GENERAL PARTNER LTD.	Powerline

Integration with Other Forest Users

Integration with Other Harvest Operators

Within the FMU, there is one other Quota Holder, West Fraser. This plan has been sent to them for sign-off. Sign-off was received on September 27th, 2019.

Registered Fur Management Areas (RFMAs)

There are 7 RFMAs within the Planning Unit who will be affected by operations. Notification letters were sent to the respective RFMA holders. Any requests from any RFMA holder have been considered, and, where possible, the harvest design has been planned to accommodate the request.

Trappers have also been personally contacted regarding this FHP to gather feedback. To date, no concerns have been identified.

Table 6: Trapper Areas - RFMA holders affected by harvest operations.

RFMA ID	Notification Method	Contact Method
319	Letter	Mail
50	Letter	Mail
4	Letter	Mail
278	Letter	Mail
2777	Letter	Mail
1502	Letter	Mail
116	Letter	Mail

Wildlife Management Unit(s) (WMU)

Planning Unit 080025F falls within WMU 542. The Guide and Outfitters operating within this unit have received notification, via registered mail, on the FHP 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.

Guide and Outfitters Table

Table 7: Guide and Outfitters - List of Guide and Outfitters active in WMU 542

Guide & Outfitter ID Number/ Name	Date	Contact Method
Blue Bronna Outfitting	12-Aug-19	Letter
Northern Adventure Hunts	12-Aug-19	Letter
Wide North Outfitters Ltd.	12-Aug-19	Letter
North Alberta Outfitters	12-Aug-19	Letter
Northern Wilderness Outfitters	12-Aug-19	Letter
Three Rivers Adventures	12-Aug-19	Letter
Northern Edge Outfitting Ltd.	12-Aug-19	Letter
Grizzly Mountain Outfitters	12-Aug-19	Letter

Aesthetics

OGR objectives to mitigate the impact of timber operations on the visual quality of the forest landscape will be followed. 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. Retention will be strategically located in areas adjacent to Class I, II, and III roads, minimizing line of sight where possible.

Wildlife Buffer Retention Areas

There is a 500-meter buffer between Block FC08002515571 (5020801557) and Mistehae Lake (an identified Trumpeter Swan Lake). This buffer considers the seasonal restrictions of harvesting near Trumpeter Swan lakes and while the road accessing the block is within 500m of the lake (OGR 7.7.3.4), it will be a seasonal winter route located along pre-existing access.

Historical Resources

The permitting and approval process for Historical Resource Impact Assessments has been followed and approval will be received prior to operations.

OGR Deviations

Table 8: OGR Deviations - Road Percentage Deviations

Source ID	Opening Number	Block Area (ha)	Road Percentage	Road Percentage Reason
<i>FC07903525561</i>	5030792556	23.3	5	Limited decking along main access
<i>FC08002522451</i>	5020802245	9.8	5	Limited decking along main access
<i>FC08002512381</i>	5020801238	7.5	5.4	Limited decking along main access

Road deviations which contain blocks that are greater than 7 hectares, with potentially more than 5% road disturbance.

Appendix 1 – FHP Block Maps

Appendix 2 – FHP Overview Map