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Forest Harvest Plan

Planning Unit 079045F



Alberta-Pacific
Forest Industries Inc.



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FHP Report

Introduction

This Forest Harvest Plan (FHP) – Planning Unit 079045F 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						
Source ID	Opening Number	Harvest Season (Frozen/Non-Frozen)	Area (ha)	Deciduous Volume (m³)	Incidental Conifer Volume (m³)	Total Volume (m³)
FC07903519281	5030791928	Frozen	23.4	4,659	809	5,467
FC07903530351	5030793035	Frozen	1.3	299	51	9,656
FC07904503041	5040790304	Frozen	10.1	1,272	76	999
FC07904509991	5040790999	Frozen	15.5	2,919	90	933
FC07904510421	5040791042	Frozen	18.9	2,599	80	669
FC07904514801	5040791480	Frozen	7.3	1,215	140	2,679
FC07904515031	5040791503	Frozen	50.7	9,494	315	1,458
FC07904515201	5040791520	Frozen	60.5	11,120	886	350
FC07904515661	5040791566	Frozen	62.8	11,885	896	1,389
FC07904523761	5040792376	Frozen	5.0	666	332	14,733
FC07904523781	5040792378	Frozen	6.2	1,177	281	15,951
FC07904524551	5040792455	Frozen	39.2	8,329	1,326	12,781
FC07904525401	5040792540	Frozen	59.0	13,386	1,346	1,349
FC07904525671	5040792567	Frozen	2.9	746	187	1,355

Source ID	Opening Number	Harvest Season (Frozen/Non-Frozen)	Area (ha)	Deciduous Volume (m3)	Incidental Conifer Volume (m3)	Total Volume (m3)
FC07904526441	5040792644	Frozen	3.4	601	68	12,396
FC07904527841	5040792784	Frozen	7.0	1,111	278	12,396
Total			373.2	71,478	7,162	94,559

Structure Retention

As per the McMillan Lake Fire Salvage Plan approved August 13th, 2019, internal cutblock retention will follow the Operating Ground Rules, 5% for Deciduous Landbase and 3% for Coniferous Landbase. There is a pre-planned stand structure retention patch delineated in Block FC07904523781 (5040792378) 3.5ha hectares in area.

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
RC07903530351a	3025	ephemeral
RC07903519281a	3014	ephemeral
RC07904524551a	2478	small permanent
RC07904524551a	2580	ephemeral
RC07904524551a	2590	beaver pond
RC07904524551b	2433	ephemeral
RC07904515661a	1417	ephemeral
RC07904527841a	2616	large 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.

Road ID	Road Classification	Haul Season	Length, m
DLO4492	Temporary	Frozen	159.5
RC07094527841	Temporary	Frozen	595.0
RC07903519281	Temporary	Frozen	1516.5
RC07903530351	Temporary	Frozen	501.0
RC07904503041	Temporary	Frozen	3131.9
RC07904509991	Temporary	Frozen	59.7
RC07904514801	Temporary	Frozen	1041.5
RC07904515031	Temporary	Frozen	3129.4
RC07904515201	Temporary	Frozen	3152.0
RC07904515661	Temporary	Frozen	1893.4
RC07904523781	Temporary	Frozen	731.1
RC07904524551	Temporary	Frozen	1729.6
RC07904525401	Temporary	Frozen	2036.4
RC07904526441	Temporary	Frozen	336.7
Total Length	20,014		

Camp Locations

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

SOURCE ID	OPENING NUMBER	Latitude	Longitude
FC07904515661	5040791566	55.84956	-114.524
FC07903519281	5030791928	55.86988	-114.467
FC07904510421	5040791042	55.82826	-114.531

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
DLO4492	PAUL FRANK, Wallach	LICENSE OF OCCUPATION

Integration with Other Forest Users

Integration with Other Harvest Operators

This plan has been sent to the Quota Holders (West Fraser Mills Ltd. & Vanderwell Contractors) involved with the McMillan Lake Fire Salvage Plan in FMU S18, for sign-off. The FHP checklist will be updated once sign-off is received from the Quota Holders.

Registered Fur Management Areas (RFMAs)

There are 6 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
1693	Letter	Mail
4	Letter	Mail
116	Letter	Mail
279	Letter	Mail
83	Letter	Mail
1502	Letter	Mail

Wildlife Management Unit(s) (WMU)

Planning Unit 079045F 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 Sensitive Areas

A raptor nest was identified in block FC07904523781 (5040792378) and given a 100-meter buffer.

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)	Harvest Season (Frozen/ Non-Frozen)	Road Percentage	Road Percentage Reason
FC07903519281	5030791928	23.4	Frozen	5.3	Limited decking along main access
FC07904527841	5040792784	7.0	Frozen	9.2	Narrow/irregular block
FC07904510421	5040791042	18.9	Frozen	5.2	Limited decking along main access & Narrow/irregular block

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

Table 8.1: OGR Deviations – Road Within Watercourse Buffer

Source ID	Harvest Season (Frozen/ Non-Frozen)	Buffer	Reason
FC07904524551	Frozen	Beaver Pond	Crossing at narrow point of watercourse and utilizing higher ground for road

Appendix 1 – FHP Block Maps

Appendix 2 – FHP Overview Map