



Vanderwell Contractors Ltd.
and
Alberta-Pacific Forest Industries
Inc.

Forest Harvest Plan
Forest Management Unit:
Lo2

Forest Harvest Plan- PU071224

FMA 9100029/CTLLO20083
Lo2

Date Submitted: May 22, 2019

Forest Harvest Plan

Planning Unit 071224

Contents

1.0 Introduction	5
2.0 General Planning Unit Information /Design Considerations	5
2.1 Operating Ground Rules	5
3.0 Maps	5
4.0 Block Information.....	6
4.1 Field verification.....	6
4.2 Understory Assessment.....	6
Table 1: Block Summary Table	7
4.3 Structure Retention	8
4.4 Debris Management	8
4.5 Camp Location	9
5.0 Watercourse Protection	9
Table 2: Watercourse Crossing Summary.....	9
6.0 Road Information	10
Table 3: Road Attributes.....	10
7.0 Land Use Information	11
Table 4: Land Use Summary Table	12
8.0 Integration with Other Forest Users	12
8.1 Integration with Other Harvest Operators	12
8.2 Registered Fur Management Areas (RFMAs)	12
Table 5: Trapper Areas Table	13
8.3 Wildlife Management Unit(s) (WMU)	13

Table 6: Guide and Outfitters.....	13
8.4 Indigenous Groups	14
8.5 Other Forest Users.....	14
8.6 Forest Aesthetics.....	14
9.0 Species and Areas of Concern	14
9.1 Woodland Caribou	14
9.2 Key Wildlife and Biodiversity Zone (KWBZ).....	14
9.3 Other Species	14
9.4 Sensitive Sites	14
9.5 Forest Health.....	15
10.0 SHS Information / Variance Summary.....	15
11.0 OGR Deviations.....	15
12.0 Validation by Registered Forest Practitioner.....	16

List of Tables

Table 1: Block Summary Table.....	7
Table 2: Watercourse Crossing Summary.....	9
Table 3: Road Attributes	10
Table 4: Land Use Summary Table.....	12
Table 5: Trapper Areas Table.....	13
Table 6: Guide and Outfitters	13
Table 7: Road Percent Deviations Table.....	15

Appendices

Appendix 1- FHP Block Maps

Appendix 2- FHP Overview Maps

Appendix 3- Spatial Harvest Sequence Summary Tables

Appendix 4- Spatial Harvest Sequence Summary Map

Report

1.0 Introduction

Alberta-Pacific Forest Industries Inc. (Alberta-Pacific) and Vanderwell Contractors (1971) Ltd. (Vanderwell) have prepared a Forest Harvest Plan (FHP) for the harvest of stands within Planning Unit 071224.

Planning Unit 071224 is located south of Calling Lake within Forest Management Unit (FMU) Lo2

Copies of this Forest Harvest Plan are available on the Alberta-Pacific website, at www.alpac.ca.

2.0 General Planning Unit Information /Design Considerations

This FHP has been validated by a Registered Forestry Professional from Alberta-Pacific and Vanderwell.

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 2019-2020 Alberta-Pacific Annual Operating Plan (AOP).

2.1 Operating Ground Rules

Planning Unit 071224 has been designed in accordance with the Northeast Alberta Operating Ground Rules (OGRs). Alberta-Pacific and Vanderwell 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 below outlining the expected volumes of the harvest area.

4.1 Utilization

Deciduous and coniferous stands will adhere to the 15/10 utilization standard.

4.1 Field verification

The proposed blocks were ground verified by a field layout team during the spring of 2019. 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 findings of the layout team have been noted in the corresponding section of this report.

4.2 Understory Assessment

White Spruce understory within deciduous landbase will be protected utilizing high effort understory protection in stands identified as greater than 600 stems/ha by the Alberta Vegetation Inventory (AVI), as well as any potential areas found to have understory present that is not identified by the AVI. Any deciduous blocks found to have understory amounting to between 400 stems/ha and 600 stems/ha will be protected utilizing the avoidance method.

Blocks requiring understory protection or understory avoidance are noted within the *Block Summary Table*.

Block Summary Table

(Values rounded to whole numbers)

Table 1: Block Summary Table

This table provides a brief description of the proposed harvest blocks within the Planning Unit.

Alberta-Pacific Deciduous Blocks						
Source ID	Opening Number	Harvest Season (Frozen/ Non-Frozen)	Area (ha)	Deciduous Volume (m³)	Incidental Conifer Volume (m³)	Total Volume (m³)
FC07021418281	4210701828	N	92.5	18512.8	5682.8	24195.6
FC07021419271	4210701927	N	45.9	8700.7	2832.0	11532.7
FC07021429391	4210702939	N	54.9	10932.0	2524.8	13456.8
FC07021430421	4210703042	N	17.7	3422.0	1197.5	4619.5
FC07021430841	4210703084	N	27.9	5588.5	1434.5	7023.1
FC07021432241	4210703224	N	13.3	2270.2	648.6	2918.8
FC07021432881	4210703288	N	5.4	912.4	202.8	1115.2
FC07021433501	4210703350	T	11.7	1797.6	359.2	2156.8
FC07021435781	4210703578	N	12.5	2416.7	193.2	2609.9
FC07021436391	4210703639	F	71.6	15389.6	2667.3	18056.9
FC07021436861	4210703686	T	56.1	12504.9	1710.5	14215.5
FC07022425291	4220702529	T	56.0	13372.8	1112.4	14485.2
FC07022435471	4220703547	N	3.3	589.5	108.7	698.2
FC07121401241	4210710124	F	14.4	2332.3	460.1	2792.5
FC07121403991	4210710399	N	24.0	4009.2	795.7	4804.9
FC07121406071	4210710607	N	9.3	1767.4	158.2	1925.6
FC07121407961	4210710796	N	7.2	958.3	650.4	1608.7
FC07121410151	4210711015	F	9.0	1593.1	506.2	2099.3
FC07121410411	4210711041	F	22.7	3109.5	545.9	3655.5
FC07121410591	4210711059	F	10.7	1622.4	351.6	1973.9
FC07121416141	4210711614	F	5.7	1237.0	150.0	1387.0
FC07121421121	4210712112	F	13.8	2207.7	576.6	2784.3
FC07121427481	4210712748	F	33.0	5255.8	1393.6	6649.4
FC07121428361	4210712836	F	2.4	330.8	52.9	383.7
FC07221422341	4210722234	N	11.8	2138.1	681.3	2819.4
FC07221422841	4210722284	N	12.7	2488.5	246.6	2735.1
FC07221422991	4210722299	F	3.0	573.8	69.6	643.3
FC07221423261	4210722326	F	21.4	4022.7	385.7	4408.4
FC07221427741	4210722774	N	34.9	4719.1	419.7	5138.8
FC07221428231	4210722823	N	11.2	1885.0	136.6	2021.6

FC07221428571	4210722857	N	25.4	5822.6	662.5	6485.1
FC07221428651	4210722865	N	6.4	1231.6	98.6	1330.3
FC07221428911	4210722891	F	18.3	3727.1	335.7	4062.8
FC07221428971	4210722897	N	7.6	1693.2	181.2	1874.4
FC07221433511	4210723351	N	24.1	5861.5	731.6	6593.1
Total			797.7	154,996.6	30,264.6	185,261.3

Vanderwell Coniferous Blocks						
Source ID	Opening Number	Harvest Season (Frozen/ Non-Frozen)	Area (ha)	Deciduous Volume (m³)	Incidental Conifer Volume (m³)	Total Volume (m³)
NC07021432114	4210703211	F	27.8	3872.4	3245.6	7117.9
NC07121415194	4210711519	F	10.7	1838.6	513.1	2351.8
Total			38.5	5,711.0	3,758.72	9,469.7

*Understory Block: White Spruce understory within deciduous landbase will be protected utilizing high effort understory protection in stands identified as greater than 600 stems/ha. Any blocks found to have understory amounting to between 400 stems/ha and 600 stems/ha will be protected utilizing the avoidance method.

4.3 Structure Retention

Alberta-Pacific and Vanderwell will leave an average of 5% merchantable volume for structure retention throughout the FMU. Structure retention will be left in the following methods:

- Laid out patches
- Individual trees
- Small clumps left at the operators' discretion

4.4 Debris Management

Planning Unit 071224 is situated within Alberta's Fire Control Zone number 44 as identified by Alberta Agriculture and Forestry (AAF).

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

4.5 Camp Location

The companies have identified a camp location for logging operations within this planning unit. 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).

5.0 Watercourse Protection

During the preliminary planning of Planning Unit 071224 potential watercourses were identified using wet areas mapping, LiDAR data, aerial imagery, as well as the available AVI data.

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.

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.

Watercourse Crossing Summary Table

Table 2: Watercourse Crossing Summary

A list of road crossings over field verified watercourses within the Planning Unit.

Road ID	Watercourse Classification	Crossing ID
LOC910024	Ephemeral	3598
LOC910024	Intermittent	3627
LOC910024	Intermittent	3628
RC07021429391a	Ephemeral	2928
RC07021430421a	Ephemeral	3032
RC07021435781a	Ephemeral	3568
RC07022425291c	Ephemeral	3633
RC07121401241a	Small Permanent	0152
RC07121403991a	Ephemeral	1090
RC07121403991b	Small Permanent	0399
RC07121409391a	Small Permanent	0948
RC07121409791a	Small Permanent	0979
RC07121409371b	Small Permanent	0956
RC07121409371b	Transitional	0946
RC07121409371a	Transitional	0446
RC07121410661a	Ephemeral	1046

Road ID	Watercourse Classification	Crossing ID
RC07121410661a	Ephemeral	1065
RC07121415241a	Ephemeral	1506
RC07121415241a	Ephemeral	1690
RC07121417971a	Beaver Pond	1649
RC07221422341b	Ephemeral	2266
RC07221422991a	Ephemeral	2298
RC07221423261a	Ephemeral	2285
RC07221428911a	Beaver Pond	2882
RC07021418281b	Ephemeral	1932
RC07021436391c	Ephemeral	3639
RC07021436391c	Ephemeral	0640
RC07021436391d	Intermittent	0620
RC07121421121c	Ephemeral	2092
RC07221428651b	Ephemeral	2885

6.0 Road Information

Overview maps have been attached showing roads in accordance with Section 3.4.7. 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, specifically Section 11.3.4.3 and Section 11.3.4.4 of the OGRs. To enable for silviculture activities, all-terrain vehicle (ATV) access may be left throughout the harvest area.

Road Attributes Table

(Values rounded to whole numbers)

Table 3: Road Attributes

Summary of the proposed in-block roads of the Planning Unit.

Road ID	Road Classification	Haul Season Non-Frozen/Frozen	Length, m
RC07021418281	Temp	Non-Frozen	3,337.28
RC07021419271	Temp	Non-Frozen	1,410.94
RC07021429391	Temp	Non-Frozen	2,230.57
RC07021430421	Temp	Non-Frozen	856.69

Road ID	Road Classification	Haul Season Non-Frozen/Frozen	Length, m
RC07021430841	Temp	Non-Frozen	427.89
RC07021432114	Temp	Frozen	33.76
RC07021432241	Temp	Non-Frozen	470.99
RC07021433501	Temp	Non-Frozen	156.27
RC07021435781	Temp	Non-Frozen	705.61
RC07021436391	Temp	Frozen	75.98
RC07021436391	Temp	Non-Frozen	274.30
RC07021436861	Temp	Non-Frozen	3,124.30
RC07022425291	Temp	Non-Frozen	1,556.72
RC07022435471	Temp	Non-Frozen	81.96
RC07121401241	Temp	Frozen	1,093.67
RC07121403991	Temp	Non-Frozen	1,196.84
RC07121406071	Temp	Non-Frozen	23.90
RC07121410411	Temp	Frozen	704.39
RC07121421121	Temp	Frozen	77.40
RC07121428361	Temp	Frozen	26.76
RC07124410151	Temp	Frozen	728.18
RC07221422341	Temp	Non-Frozen	393.72
RC07221422841	Temp	Non-Frozen	287.87
RC07221422991	Temp	Frozen	325.19
RC07221423261	Temp	Frozen	1,038.32
RC07221427741	Temp	Non-Frozen	1,857.84
RC07221428231	Temp	Non-Frozen	1,119.89
RC07221428571	Temp	Non-Frozen	956.20
RC07221428911	Temp	Frozen	699.89
RC07221433511	Temp	Non-Frozen	205.14
Total			25,478.48

7.0 Land Use Information

A search of the Geographic Land Information Management and Planning System (GLIMPS) and Digital Integrated Dispositions (DIDs) yielded active dispositions within the FHP. 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 will restrict harvest operations in the FHP.

Land Use Summary Table

Table 4: Land Use Summary Table
Active dispositions in the Planning Unit

Disposition Number	Disposition Holder	Disposition Type
LOC770371 (Calling Lake 9)	CANADIAN NATURAL RES. LTD.	LOC
LOC5272	HUSKY OIL OPERATIONS LTD.	LOC
LOC791322	HUSKY OIL OPERATIONS LTD.	LOC
LOC820889	CANADIAN NATURAL RES. LTD.	LOC
LOC860117	CANADIAN NATURAL RES. LTD.	LOC
LOC910024	HUSKY OIL OPERATIONS LTD.	LOC
LOC931279	HUSKY OIL OPERATIONS LTD.	LOC
LOC982566	SEQUOIA RESOURCES CORP.	LOC
LOC990112	VERMILION ENERGY INC.	LOC
MSL761053	HUSKY OIL OPERATIONS LTD.	MSL

The FHP design incorporates pipeline crossings, for temporary roads. The agreements will be in place prior to the construction of these crossings.

Planning Unit 071224 has a grazing lease within the plan; the holder of this lease has been contacted and expressed no concerns.

Planning Unit 071224 surrounds a private quarter section; the holder has been contacted in regards to this plan and their will be minor changes to accommodate the holders concerns.

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 4 RFMAs within the FHP 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.

Trapper Areas Table

Table 5: Trapper Areas Table

RFMA holders affected by harvest operations.

RFMA ID	Notification Method	Contact Method
1302	Letter	Mail
1420	Letter	Mail
1497	Letter	Mail
1840	Letter	Mail
1981	Letter	Mail
2035	Letter	Mail
2184	Letter	Mail
2219	Letter	Mail

8.3 Wildlife Management Unit(s) (WMU)

Planning Unit 071224 is located within WMU's 509 and 516. The Guides and Outfitters operating within this unit have been sent 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 6: Guide and Outfitters

List of Guide and Outfitters active in WMU's 509 and 516.

OG ID Number	Date	Contact Method
OG ID 759 G	21-03-2018	Letter
OG ID 869 G	21-03-2018	Letter
OG ID 753 GW	21-03-2018	Letter
OG ID 239 GW	21-03-2018	Letter
OG ID 1034 G	21-03-2018	Letter
OG ID 953 G	21-03-2018	Letter
OG ID 480 G	21-03-2018	Letter
OG ID 260 G	21-03-2018	Letter
OG ID 988 G	21-03-2018	Letter
OG ID 910 GW	21-03-2018	Letter
OG ID 913 G	21-03-2018	Letter

8.4 Indigenous Groups

During the General Development Plan (GDP) process, Alberta-Pacific conducts consultations with indigenous groups every year. There have not been any issues identified for the Planning Unit 071224 FHP submission.

8.5 Other Forest Users

There are no other forest user groups operating within the Planning Unit area.

8.6 Forest Aesthetics

As outlined in Section 5.5. of the OGRs, Alberta-Pacific and Vanderwell 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.

9.0 Species and Areas of Concern

9.1 Woodland Caribou

Planning Unit 071224 is not located within caribou range zone

9.2 Key Wildlife and Biodiversity Zone (KWBZ)

Planning Unit 071224 is not located within a Key Wildlife and Biodiversity Zone; all operations will be consistent with Section 7.7.5 of the OGRs

9.3 Other Species

All known sensitive wildlife sites have been buffered in accordance with Section 7.7.6.2 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 historical significance (historical resource sites) have been removed from the harvest design.

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

There were no rare plants, including signs of terrestrial lichen found within the Planning Unit.

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

9.5 Forest Health

During the field verification, a team evaluated the current state of the forest health in the FHP area, as outlined in Section 10.1 of the OGRs.

If any sites are identified post submission, Alberta-Pacific and Vanderwell will take the appropriate action to protect these sites as per Section 10.1.2 of the OGRs.

10.0 SHS Information / Variance Summary

Variances from the Spatial Harvest Sequence (SHS) within the Planning Unit boundary are shown in Appendix 3 - *Spatial Harvest Sequence Summary Table*.

11.0 OGR Deviations

Table 7: Road Percent Deviations Table

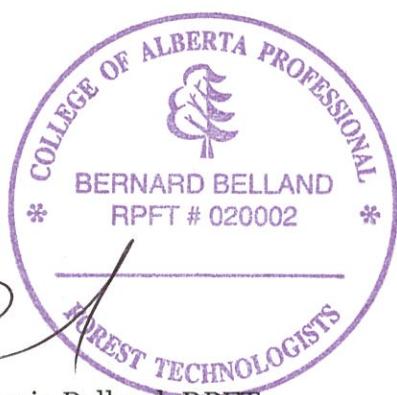
Road deviations which contain blocks that are greater than 7 hectares, with potentially more than 5% road disturbance.

Source ID	Opening Number	Road Percentage	Reasoning
FC07221428911	4210722891	5.36	Access to other blocks
FC07021433501	4210703350	5.01	Main Road
FC07121410151	4210711015	7.17	Main Road
FC07121410591	4210711059	5.25	Main Road
FC07021432241	4210703224	7.03	Main Road
FC07221428231	4210722823	7.36	Main Road
FC07021436861	4210703686	5.07	Main Road

12.0 Validation by Registered Forest Practitioner

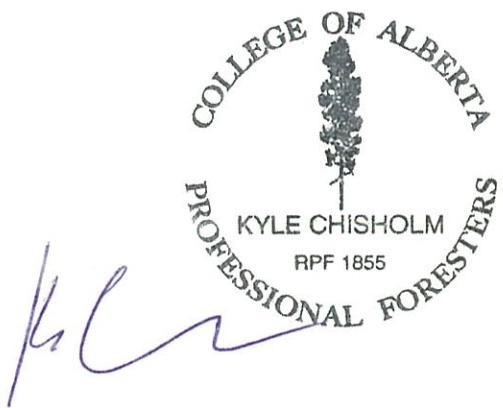
This plan is being prepared and submitted on behalf of Alberta-Pacific Forest Industries Inc. and Vanderwell Contractors (1971) Ltd.

ALBERTA-PACIFIC FOREST INDUSTRIES INC.



Bernie Belland, RPFT
Operations Planner
Alberta Pacific Forest Industries Inc.
Cell: 780-213-4435
Phone: 780-525-8347

VANDERWELL CONTRACTORS (1971) LTD



Kyle Chisholm, RPF
Operations Forester
Vanderwell Contractors (1971) Ltd.
Cell: 780-805-5729
Phone: 780-805-3075

SHS Variance Summary

Operator: Al-Pac

SR SHS Tracking between 2015 and 2025 (timber year)

PD 1, Year 1-10

05/15/2019

Compartment	Company Specific Yield Strata	Provincial Yield Strata	Approved DFA 10 Year SHS	Operator Approved FMP 10 Year SHS	Planned for Harvest (ha)						Asbuilt						Combined As-Built & Planned						Unplanned					
									Variance						Harvested (ha)		SHS Assessment (Excluding Slivers)		Variance		SHS Assessment (Excluding Slivers)							
					Substantial		Slivers																					
					SHS 1-10yr	SHS 11-20yr	Contributing Landbase Outside SHS	Non-Contributing Landbase	Additions	Deletions	Deerrals	Total	Additions	Deletions & Deerrals	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	SHS Variance (Additions %)	Difference in Area (Subst. Add. - D&D)	Remaining Available Area (SHS & Non-SHS)	Unplanned SHS in Compartment	
L02-B	All	All	10,736	6,836	2,531	-	337	50	2,919	387	1,282	398	1,680	279	560	839	360	-	3	362	5.66% (1,292)	(6,474)	387	1,282	398	5.66% (1,292)	3,918	1,705
Aw/AwU	D	6,836	6,836	2,531.43	-	323.73	47.86	2,903.02	371.6	1,282.0	397.7	1,679.7	101.1	560.4	661.5	359.6	-	-	2.6	362.2	5.44% (1,308)	(6,474)	372	1,282	398	5.44% (1,308)	3,571	1,705
PjMx	DC-P	28	-	-	-	-	-	-	-	-	-	-	1.5	-	1.5	-	-	-	-	-	0.00%	-	-	-	-	0.00%	-	
AwSx	DC-S	712	-	-	-	8.96	-	8.96	9.0	-	-	-	22.0	-	22.0	-	-	-	-	-	0.00%	9	-	9	-	0.00%	9	(9)
SxAw	CD-SW	805	-	-	-	-	-	-	-	-	-	-	36.6	-	36.6	-	-	-	-	-	0.00%	-	-	-	-	0.00%	-	
PjMx	CD-P	63	-	-	-	-	-	-	-	-	-	-	1.6	-	1.6	-	-	-	-	-	0.00%	-	-	-	-	0.00%	-	
SxAw	CD-SB	7	-	-	-	-	-	-	-	-	-	-	1.9	-	1.9	-	-	-	-	-	0.00%	-	-	-	-	0.00%	-	
Sw	C-SW	1,354	-	-	4.46	-	4.46	4.5	-	-	-	-	36.3	-	36.3	-	-	-	-	-	0.00%	4	-	4	-	0.00%	4	(4)
Pj	C-P	569	-	-	-	-	-	-	-	-	-	-	7.9	-	7.9	-	-	-	-	-	0.00%	-	-	-	-	0.00%	-	
SbG	C-SB	361	-	-	-	-	-	-	-	-	-	-	35.4	-	35.4	-	-	-	-	-	0.00%	-	-	-	-	0.00%	-	
SBFM	C-SBFM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00%	-	-	-	-	0.00%	-	
X	NoStrata	-	-	-	-	2.19	2.19	2.2	-	-	-	-	34.7	-	34.7	-	-	-	-	-	0.00%	2	-	2	-	0.00%	2	(2)

Note:

* Deletions and Deferrals to be provided in shapefile format for next FMP

Values may be affected by rounding

Planning Units submitted with this variance Calculation: 072244, 071204, 073194 071224

Vanderwell

SR SHS Tracking between 2015 and 2025 (timber year)

PD 1, Year 1-10

Compartment	Harvest Profile	Planned for Harvest (ha)										Asbuilt				Combined As-Built & Planned			Unplanned					
		Variance					Harvested (ha)					SHS Assessment (Excluding Slivers)		Variance		SHS Assessment (Excluding Slivers)								
		Substantial			Slivers		Total			Total			Total		Substantial		Total							
Company 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 Variance (Additions %)	Difference in Area (Subst. Add. - D&D)	Difference in Area Total Harvested - 10yr FMP SHS	SHS Variance (Additions %)	Difference in Area (Subst. Add. - D&D)	Remaining Available Area (SHS & Non-SHS)	unplanned SHS in Compartment		
L02-B	All	All	10,375	2,835	35	-	-	35	-	126	-	126	3	56	59	209	0.00%	(126)	(2,626)	0.00%	(126)	2,800	2,408	
Aw/AwU	D	6,836	-	-	-	-	-	-	1.4	1.4	-	-	-	-	-	0.00%	-	-	-	0.00%	-	-		
PjMX	DC-P	28	14	-	-	-	-	-	-	-	-	-	-	-	-	0.00%	-	(14)	-	0.00%	-	14	14	
AwSx	DC-S	712	678	20.32	-	20.32	-	28.2	28.2	0.0	9.6	9.6	37.6	37.6	37.6	0.00%	(28)	(640)	-	28	0.00%	(28)	620	582
SxAw	CD-SW	805	707	2.22	-	2.22	-	69.6	69.6	0.2	15.5	15.7	76.8	76.8	76.8	0.00%	(70)	(630)	-	70	0.00%	(70)	628	543
PjMx	CD-P	63	62	-	-	-	-	-	-	-	-	-	-	-	-	0.00%	-	(62)	-	0.00%	-	62	62	
SxAw	CD-SB	7	2	-	-	-	-	-	-	-	-	-	-	-	-	0.00%	-	(2)	-	0.00%	-	2	2	
Sw	C-SW	1,354	955	11.43	-	11.43	-	28.5	28.5	1.0	30.8	31.8	94.9	94.9	94.9	0.00%	(29)	(860)	-	29	0.00%	(29)	848	789
Pj	C-P	569	268	1.23	-	1.23	-	-	-	-	0.1	0.1	-	-	-	0.00%	-	(268)	-	-	0.00%	-	267	267
SbG	C-SB	149	-	-	-	-	-	-	-	0.6	0.6	-	-	-	0.00%	-	(149)	-	-	0.00%	-	149	149	
SBFM	C-SBFM	-	-	-	-	-	-	-	-	0.2	0.2	-	-	-	0.00%	-	-	-	-	0.00%	-	-		
X	NoStrata	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00%	-	-	-	0.00%	-	-		

Note:

* Deletions and Deferrals to be provided in shapefile format for next FMP

Values may be affected by rounding