

VOLUME II

INTERGRATED OPERATIONS BY OPERATING AREA

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Harvest Overview Map

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NOTE: Potential harvest areas identified on maps are blocks that were permitted in 2021 and will carry over to 2022 harvest

OPERATING AREA SUMMARY

ANTLER CORNER

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
ANT-010	27.40	4,328	218	2023 C
ANT-011	39.00	6,160	312	2023 C
ANT-012	72.10	11,384	576	2023 C
ANT-055	160.58	15,000	40	2023 C
ANT-101	78.20	12,352	625	2023 C
ANT-102	52.80	8,346	423	2023 C
ANT-103	43.00	6,799	344	2023 C
ANT-104	45.20	7,134	361	2023 C
ANT-133	47.30	7,470	378	2023 C

Cut Block Name: ANT-010	Twp & Rge: t39r27w	Cut Block Size: 27.4 ha
OPERATING AREA: Antler Corner	Ownership: Open Crown	Mapsheet: 340580
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
1st 2nd 3rd			LFH(cm) S-Type Moisture Surface Texture		
V Type					
Eco Site					
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **LP**
SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **4,328**
SOFTWOOD VOLUME (m3): **218**

HARVEST SEASON

- ALL SEASON
 FROZEN
 DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
 SELECTION
 SEED TREE
 SALVAGE
- SHELTERWOOD
 UNDERSTOREY PROTECTION
 AVOIDANCE
 PATCH RETENTION
 DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
 PILE & BURN
 WLF DEBRIS PILE
 WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	MFZ-30	Located along East boundary. Harvest as shown on map.
2	Stream	30-75	Located along the SW boundary. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **219** to **329** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The stand volume information provided is from similar blocks in this operating area. The average volume is 158 m3/ha hardwood and 8 m3/ha softwood. This block is scheduled to be surveyed in 2020.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: ANT-011	Twp & Rge: t39r27w	Cut Block Size: 39.0 ha
OPERATING AREA: Antler Corner	Ownership: Open Crown	Mapsheet: 340580
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
			1st	2nd	3rd
V Type			LFH(cm)	S-Type	Moisture
Eco Site			Surface	Texture	
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **LP**
SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **6,160**
SOFTWOOD VOLUME (m3): **312**

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE	WIDTH (m)	DETAILS
1 Stream	MFZ-30	Located along West boundary. Harvest as shown on map.
2 Stream	MFZ-30	Located along NE boundary. Harvest as shown on map.

NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **312** to **468** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The stand volume information provided is from similar blocks in this operating area. The average volume is 158 m3/ha hardwood and 8 m3/ha softwood. This block is scheduled to be surveyed in 2020.

Prior harvest on the South side of block. Keep logging debris and equipment out of regenerating trees.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Cut Block Name: ANT-012	Twp & Rge: t39r27w	Cut Block Size: 80.3 ha
OPERATING AREA: Antler Corner	Ownership: Open Crown	Mapsheet: 340580
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
<hr/>						
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<hr/>						
Total SW				0%	0	0
<hr/>						
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary						
V Type	Eco Site		1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 11,384
SOFTWOOD VOLUME (m3): 576

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	MFZ-75	Located along the SW boundary of block. Harvest as shown on map.
2	Stream	30-100	Located along the north and east boundaries. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 642 to 963 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The stand volume information provided is from similar blocks in this operating area. The average volume is 158 m3/ha hardwood and 8 m3/ha softwood.
This block is scheduled to be surveyed in 2020.
Prior harvest on the North side of block. Keep logging debris and equipment out of regenerating trees.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: ANT-055	Twp & Rge: t39r27w	Cut Block Size: 160.6 ha
OPERATING AREA: Antler Corner	Ownership: Open Crown	Mapsheet: 340580
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	93	22.7	37	15%	29	4,606
BA	91	21.5	43	48%	93	14,908
WB	83	18.0	35	36%	70	11,183
Total HW				99%	191	30,697
WS	127	24.4	53	1%	2	319
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				1%	2	319
Block Total:					193	31,016

Understory Stems/ha and Distribution					
WS		BS		BF	
8	Clumped			38	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	01	05	04
Eco Site	32		

LFH(cm)	S-Type	Moisture	Surface Texture
06	S5	2	Clay Loam
06	S5	2	Clay Loam
08	S5	2	Clay Loam

Cover Type: H	IBWC Cnt: 7
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION **LP/IMC**
SOFTWOOD ALLOCATION **SPL**

HARDWOOD VOLUME (m3): **15,000**
SOFTWOOD VOLUME (m3): **40**

HARVEST SEASON

- ALL SEASON
 FROZEN
 DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
 SELECTION
 SEED TREE
 SALVAGE
- SHELTERWOOD
 UNDERSTOREY PROTECTION
 AVOIDANCE
 PATCH RETENTION
 DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
 PILE & BURN
 WLF DEBRIS PILE
 WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	50-100+	Located on N and E sides. Most areas it will be 100 plus. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **1,285** to **1,927** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block was partially harvested in 2010/11. Approximately half the block was cut. The volumes shown indicate this.

This block consists mainly of over mature WB and BA. There will be sufficient non operable trees left in the block to meet LOS and wildlife tree guidelines. It is LP intention to harvest this block to get some new regrowth before it falls down.

Relatively flat block and fewer features to buffer on E side; ensure WTP's of varying sizes are maintained on the E side and centre of the block to minimize L.O.S.

Maintain shrub and treed structure around all the small open wet areas and inblock watercourses located in the W half of the block, in addition to those located in the NE corner of the block.

Snags scattered throughout the block; maintain within WTP's where safe to do so.

There is a high volume of birch in this block (5320m3). This volume will either be left in the block or harvested and declared by a quota holder.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2022

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/7/08**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

One access into block to minimized impact to buffer cut.
Retain all softwood.
Remove MC plantation from block.

One or two access locations to minimize impact.
Agreed. may have to take incidental. Retain in windfirm patches.
Agreed.

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Cut Block Name: ANT-101	Twp & Rge: t39r26w	Cut Block Size: 76.9 ha
OPERATING AREA: Antler Corner	Ownership: Open Crown	Mapsheet: 350580
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
			1st	2nd	3rd
V Type			LFH(cm)	S-Type	Moisture
Eco Site			Surface	Texture	
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **LP**
SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **12,352**
SOFTWOOD VOLUME (m3): **625**

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	15-30	Located along South boundary. Harvest as shown on map.
2	Stream	15-30	Located along North boundary. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **615** to **923** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The stand volume information provided is from similar blocks in this operating area. The average volume is 158 m3/ha hardwood and 8 m3/ha softwood. This block is scheduled to be surveyed in 2020.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: ANT-102	Twp & Rge: t39r26w	Cut Block Size: 51.6 ha
OPERATING AREA: Antler Corner	Ownership: Open Crown	Mapsheet: 350580
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
1st 2nd 3rd			LFH(cm) S-Type Moisture Surface Texture		
V Type					
Eco Site					
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **LPL**
SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **8,346**
SOFTWOOD VOLUME (m3): **423**

HARVEST SEASON

- ALL SEASON
 FROZEN
 DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
 SELECTION
 SEED TREE
 SALVAGE
- SHELTERWOOD
 UNDERSTOREY PROTECTION
 AVOIDANCE
 PATCH RETENTION
 DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
 PILE & BURN
 WLF DEBRIS PILE
 WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	MFZ-30	Located along NE boundary. Harvest as shown on map.
2	Stream	MFZ-30	Located along South boundary. Harvest as shown on map.
3	Ephemeral Drain	MFZ-15	Located along West boundary. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **412** to **619** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The stand volume information provided is from similar blocks in this operating area. The average volume is 158 m3/ha hardwood and 8 m3/ha softwood. This block is scheduled to be surveyed in 2020.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: ANT-104	Twp & Rge: t39r27w	Cut Block Size: 45.2 ha
OPERATING AREA: Antler Corner	Ownership: Open Crown	Mapsheet: 340580
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
			1st	2nd	3rd
V Type			LFH(cm)	S-Type	Moisture
Eco Site			Surface	Texture	
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **LP**
SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **7,134**
SOFTWOOD VOLUME (m3): **361**

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	MFZ-30	Located along North boundary. Harvest as shown on map.
2	Stream	30-75	Located along South boundary. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **361** to **542** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The stand volume information provided is from similar blocks in this operating area. The average volume is 158 m3/ha hardwood and 8 m3/ha softwood.
This block is scheduled to be surveyed in 2020.
Prior harvest on the East side of block. Keep logging debris and equipment out of regenerating trees.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE:

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: ANT-133	Twp & Rge: t39r27w	Cut Block Size: 50.2 ha
OPERATING AREA: Antler Corner	Ownership: Open Crown	Mapsheet: 340580
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		22.0	38	1%	2	86
BA	83	21.2	44	77%	110	5,503
WB		18.1	39	21%	30	1,496
Total HW				99%	141	7,085
WS		24.0	76	1%	2	86
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				1%	2	86
Block Total:					143	7,171

Understory Stems/ha and Distribution								
WS		BS		BF				
Eco Land Classification				Soils Summary				
		1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type		01	05		03	S5	2	Sandy Loam
Eco Site		32						
Cover Type: H		IBWC Cnt: 3						

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 6,730
SOFTWOOD VOLUME (m3): 82

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE	WIDTH (m)	DETAILS
0		

NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 401 to 602 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

300m LOS required for elk.

Maintain structure along IBWC's located near plots 3, 7 and 15.

Softwood seed trees to be left standing in windfirm patches when operationally feasible.

Prior harvest on the NW corner of block. Keep logging debris and equipment out of regenerating trees.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10-29-21**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Softwood seed trees should be left in wind firm patches wherever possible.
Need 300m LOS for elk.

Softwood seed trees to be left in windfirm patches when operationally feasible.
300m LOS required for elk.

-
-

Roads

Antler Corner

ANT-1A and 1B (existing)

Additional Road Development Comments

Main Antler Corner road which will be used to access ANT-055, ANT-010, 011, 102, 101, 102, 103, 104, and 133. Road will need to be graded and crowned up. Some gravel may be required to facilitate summer hauling.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
5.4	20	8	Dry/Frozen	50

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The road closure near the start of the road will be reestablished after harvest.				

ANT-1A-2A (existing)

Additional Road Development Comments

This road accesses ANT-101, 102, 103, and is part of the access to ANT-104.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
4.4	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris in ANT-101, 102, and 103. Crossings ANT-C10, C20,C21, C22, C23, and C24 will be removed.				

ANT-1A-2B

Additional Road Development Comments

This road accesses ANT-104.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.9	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris where available.				

ANT-1B-1A

Additional Road Development Comments

This road accesses ANT-055.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
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0.1	20	8	Dry/Frozen	1										
Road Deactivation:														
Road Closure Responsibility					Crossing Removal	Debris and	Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments	
LP		Post-Harvest Post-Renewal			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris where available.					

ANT-1B-2A (existing) Additional Road Development Comments
 This road accesses ANT-010, 011, and 012.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)										
2.0	20	8	Dry/Frozen	1										

Road Deactivation:														
Road Closure Responsibility					Crossing Removal	Debris and	Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments	
LP		Post-Harvest Post-Renewal			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris where available. 14392701-C1 and C2 will be removed.						

ANT-1B-2B (existing) Additional Road Development Comments
 This road accesses ANT 010 and 011.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)										
1.2	20	8	Dry/Frozen	1										

Road Deactivation:														
Road Closure Responsibility					Crossing Removal	Debris and	Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments	
LP		Post-Harvest Post-Renewal			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris in ANT-011. 13392701-C3 will be removed.						

ANT-1B-2B-1A Additional Road Development Comments
 This road accesses ANT-010.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)										
0.3	20	8	Dry/Frozen	1										

Road Deactivation:														
Road Closure Responsibility					Crossing Removal	Debris and	Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments	
LP		Post-Harvest Post-Renewal			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road be closed with slash and debris where available.						

Internal Mitigation Comments

General

Operating Area	Subject	Manitoba	Action/Response
Armit	Access Control	AMT-1A / Camp Seven Bridge - Looks like these blocks represent last pass. Bridge to-be pulled by end of year 2 of plan?	LP owns bridge. Will be removed @ end of second pass. Hopefully by end of two year plan.
	Access Maintenance	Does the curve at the north end of AR-69 along National Mills Road need widening? Limitation because of creek?	Possibly. Doesn't stand out as a particularly steep curve. Can investigate during summer. Perhaps could just cut a wider sight line? If fishing access is the concern, perhaps a parking lot could be made by Mirror Lake, similar to Virgin Lake.
	Resource Allocations	Discuss with local trapper desired roads to be left open to ATV/snowmobile access following harvest/renewal.	In frequent contact with trapper.

Site Specific

Block	Subject	Manitoba	Action/Response
AR-46		Old mitigation, need to revisit.	
	Access Control	Increase duration of inactivity from 24 hours to 48 hours warranting gate closure to align with current practice for the operating area.	Agreed.
	Riparian Mgmt. - Soil	Increase RZ to 30 m within 50 m RMA - Looking at stocking Camp Seven Creek.	Creek looks much different than imagery, has been more erosion since then. Can look at leaving more HWD within 30 m, but might depend on forest health issues.
	Wildlife Furbearer	Wildlife Debris Piles in Softwood areas.	Agreed.
	Forest Renewal	Under the Renewal Prescription section, should the Advanced Regen box for BF/WS be marked?	Agreed.
AR-93		Previously mitigated.	

Internal Mitigation Comments

General

Operating Area	Subject	Manitoba	Action/Response	
Fire Break	Riparian Mgmt. - Water Quality	Any IBWCs should be treated, at a minimum, as MFZs with selective harvest of merchantable SW only - retain HW, understory and snags.	Agreed.	
	Access Control	Ensure adequate road closure post-renewal per previous IRMT conditions for Fire Break area.	Agreed. Will close roads post renewal, except those that will be used further.	
	Access Development	All blocks indicate harvest season of Dry or Frozen, what's the likelihood of harvest during non-frozen conditions?	Very unlikely. Perhaps some ST blocks, but the rest are too wet for summer access.	
	Harvest Design	Consider some (maintain some for road closure) piling and burning in FG/FB blocks in an effort to reduce fuel loading post-harvest and enhance to effectiveness of the fire break. No Wildlife Debris Piles.		High cost and high risk to burn. Dry material will be salvaged for firewood sales as much as possible.
			Agreed. ARD agrees to not require block shape amendments for additions of less than 5 ha, within the fire break area.	Boundaries are drawn via photo interpretation, not surveys. Block shapes may change during delineation on the ground. Some buffers cannot be preplanned before the site is visited. Some can/will be added to the prescriptions before then.
	Resource Allocations	Could a volume estimate be added to the FB blocks on the block prescriptions or otherwise on the Operating Area summary page based on deliveries to date out of the salvage area?		Quality of the blocks is not uniform, in regards to both forest health issues, and merchantability. The blocks that were surveyed, were surveyed before the forest health event. These blocks can be compared, but there is not enough data yet. Perhaps there will be enough by spring?
	Resource Allocations	Discuss with local trapper desired roads to be left open to ATV/snowmobile access following harvest/renewal.		In frequent contact with trapper.
	Forest Renewal		Agreed.	Area is difficult to access, and will likely be planted via helicopter. Some larger landing areas will need to be left for renewal efforts.

Site Specific

Block	Subject	Manitoba	Action/Response
FB-19	Riparian Mgmt. - Water Quality	Clarify if buffer on west creek is indicated with flood/creek to south.	See general comments regarding harvest design.
FB-20	Riparian Mgmt. - Water Quality	Block boundary appears to overlap water features on east edge, minimum MFZ.	See general comments regarding harvest design.
FB-21	Riparian Mgmt. - Water Quality	Block boundary within a couple meters of Pond to East ensure 15 m RZ per prescription.	See general comments regarding harvest design.
	Riparian Mgmt. - Water Quality	Indicate IBWC in North-Central/NE part of block at block narrowing, minimum MFZ less road crossing location.	See general comments regarding harvest design.
FB-22	Riparian Mgmt. - Water Quality	Indicate buffer on creek to east.	See general comments regarding harvest design.
FB-23	Riparian Mgmt. - Water Quality	NE part of block appears to overlap creek, minimum of MFZ in this area.	See general comments regarding harvest design.
FB-24		No concerns.	
FB-25	Riparian Mgmt. - Water Quality	MFZ, less crossing locations, on swale area running N-S through South and Central parts of block.	See general comments regarding harvest design.
	Riparian Mgmt. - Water Quality	Indicate MFZ swale to North.	See general comments regarding harvest design.
FB-26		No concerns.	
FB-27	Riparian Mgmt. - Water Quality	Indicate MFZ swale to North-Central.	See general comments regarding harvest design.
FB-28		No concerns.	

Site Specific

Block	Subject	Manitoba	Action/Response
FB-30		No concerns.	
FB-31		No concerns.	
FB-32		No concerns.	
FB-33	Riparian Mgmt. - Water Quality / Access Planning	IBWC in NE part of block at narrowing, may require a RZ. Consider accessing the peninsular wood to north from FB-32 to avoid creek crossing.	This is an optional road. Will leave this as an option, and assess at time of harvest.
	Riparian Mgmt. - Water Quality	Indicate buffer width on East-Central pond, minimum 20 m RZ.	Agreed, will reassess at time of harvest.
FB-34	Riparian Mgmt. - Water Quality	Indicate buffer width on pond to north.	MFZ.
FB-35	Riparian Mgmt. - Water Quality	Creek to east - Block boundary appears to be overlapping, maintain minimum 15 m treed RZ per prescription.	See general comments regarding harvest design.
FB-36	Harvest Sequence	IRMT considers this a lower-priority harvest regarding the fire break initiative considering adjacency to the lake and lowland BS areas. If time is a constraint consider skipping this block.	Don't anticipate a time constraint, would prefer to cut this block.
FB-37	Riparian Mgmt. - Water Quality	Indicate MFZ on wetland area to NE.	See general comments regarding harvest design.

Site Specific

Block	Subject	Manitoba	Action/Response
FB-38	Riparian Mgmt. - Water Quality	Indicate buffer width lake to along NE,15 m RZ.	Agreed. May be wider. Will assess at time of harvest.
	Riparian Mgmt. - Water Quality	15 m RZ along 3 ponds S parts of block.	Agreed. May be wider. Will assess at time of harvest.
	Riparian Mgmt. - Water Quality	Boundary per photo appears to be within 7 m of Johnson Lake, minimum 15 m RZ per prescription.	Agreed. May be wider. Will assess at time of harvest.
	Riparian Mgmt. - Water Quality	Indicate buffer West creek/ponds.	See general comments regarding harvest design.
FB-39	Riparian Mgmt. - Water Quality	Widen creek buffer to 15 m RZ along east-central area, south of narrow peninsula.	Agreed. Will assess at time of harvest.
FG-13	Riparian Mgmt. - IRMT Discretion	Increase buffer on East side, across wetland area from Virgin Lake, to provide adequate visual buffer.	Agreed.
	Riparian Mgmt. - Water Quality	Indicate MFZ on IBWC Centre of block.	Agreed.

Internal Mitigation Comments

General

Operating Area	Subject	Manitoba	Action/Response
Little Woody	Resource Allocations	Some sizeable poplar/mixed wood areas adjacent to blocks LW-08 to LW-12 not in OP shapes, totaling around 40 ha. Could we look to capture this volume at the same time as harvest of the LW-Blocks? Coordinate with LP.	Hilly terrain, focus is on the fire guard, not here. Will try to cut all at once, but unsure as to when that will occur.
	Brush Disposal	Rationale for whole tree processing?	These are old prescriptions that reflect practices at that time. Whole tree processing may occur here depending on the operator, and likely only for SWD.
	Riparian Mgmt. - Water Quality	Any IBWCs should be treated, at a minimum, as MFZs with selective harvest of merchantable SW only - retain HW, understory and snags.	Agreed.

Site Specific

Block	Subject	Manitoba	Action/Response
LW-08		Old mitigation, need to revisit.	
	Brush Disposal	Rationale for whole tree processing?	See general comments.
	Wildlife Furbearer	Add Wildlife Debris Piles.	Agreed.
	Forest Renewal	Add 'X' for WS Assisted Renewal Strategy.	Agreed.
	Access Development	Provide Access Management information.	Will likely use LP's access for AMT-203.
	Harvest Design	Previous mitigation comment indicated debris management, erosion control and riparian management contingent on PHS results. Results?	Will do, as per SOP. This was an old comment referring to a time when PHS was done to a lesser standard.

Site Specific

Block	Subject	Manitoba	Action/Response
LW-09		Old mitigation, need to revisit.	
	Brush Disposal	Rationale for whole tree processing?	See above.
	Wildlife Furbearer	Add a couple wildlife debris piles.	Agreed.
	Forest Renewal	Block is 51% SW and majority of HW is WB of a younger age class, should the renewal objective be a M over a N?	Will plant most of the block, should reach an M standard.
	Riparian Mgmt. - Water Quality	Confirm the buffer on Little Woody River is from the top of the downslope.	It will be a minimum of top of downslope.
	Access Development	Provide Access Management information.	Will assess closer to harvest time.
		Update on access per previous mitigation comment? Crossing information for creek between LW-08-09 and LW-08-10?	Will assess closer to harvest time.
LW-10		Old mitigation, need to revisit.	
	Forest Renewal	Leave some intermediate WS for seed trees.	If there are any present. Survey was done a long time ago to a lesser standard.
	Access Development	Provide Access Management information.	Will assess closer to harvest time.
LW-12		Old mitigation, need to revisit.	
	Wildlife Furbearer	Add Wildlife Debris Piles.	Agreed.
	Riparian Mgmt. - Water Quality	IBWC data from PHS? Creek along east edge of block? MFZ?	Will confirm closer to harvest time. Minimum MFZ as per SOG.

Site Specific

Block	Subject	Manitoba	Action/Response
LW-14		Old mitigation, need to revisit.	
	Harvest Design	Confirm intent to include as salvage harvest? Block looks impacted on imagery.	Yes, this block was heavily impacted.
	Harvest Sequence	Remove old mitigation comment regarding harvesting in conjunction with AMT-205.	Agreed.
LW-15		Old mitigation, need to revisit.	
	Harvest Design	Confirm intent to include as salvage harvest? Block looks impacted on imagery.	Yes, this block was heavily impacted.
	Harvest Sequence	Remove old mitigation comment regarding harvesting in conjunction with AMT-205.	Agreed.
LW-16		Old mitigation, need to revisit.	
	Wildlife Furbearer	Add Wildlife Debris Piles.	Agreed.
	Access Development	Provide Access Management information.	Will assess closer to harvest time.
	Riparian Mgmt. - Water Quality	IBWC running N-S through middle of block? MFZ?	Will assess closer to harvest time. If there is one will be a minimum of a MFZ.
	Harvest Sequence	Remove old mitigation comment regarding harvesting in conjunction with AMT-205.	Agreed.

Internal Mitigation Comments

General

Operating Area	Subject	Manitoba	Action/Response
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National Mills

Site Specific

Block	Subject	Manitoba	Action/Response
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NM-01B		Old mitigation, need to revisit.	
	Wildlife Furbearer	Add Wildlife Debris Piles	Agreed.
	Access Development	Provide Access Management information	Will assess closer to harvest time.

Internal Mitigation Comments

General

Operating Area	Subject	Manitoba	Action/Response
Spider Lake	Harvest Design	Can a block (or blocks) be planned East of SL-17-2000- Plan is to add the area later, once the fire break is HARV in those UBS areas, utilizing the old access? To complete harvest in this area and expand the Fire Break.	created. There is lots of damage here as well.
	Riparian Mgmt. - Water Quality	Any IBWCs should be treated, at a minimum, as MFZs with selective harvest of merchantable SW only - retain HW, understory and snags.	Agreed.
	Forest Renewal	No machine activity in adjacent regenerating harvest areas to extent practical.	Agreed.

Site Specific

Block	Subject	Manitoba	Action/Response
SL-78		No concerns.	
SL-79		No concerns.	
SL-79 Rd	Access Development	Could the old in-block road be utilized for the first 300 m instead of pushing new access through SL-77?	The road is already established for 2019 harvest. The old road is grown in already.
	Access Development	Confirm road will follow old SL-17 in-block road, planned road showing to the west of the curve.	Yes, will adjust via new imagery.
SL-81		No concerns.	

OPERATING AREA SUMMARY

ARMIT

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR	
AR-46	74.26	11,341	17,057	2022	
AR-93	46.72	1,425	3,216	2022	
FB-19	17.93			2022	
FB-20	127.5			2022	
FB-21	36.31			2022	
FB-22	18.40			2022	
FB-23	40.65			2022	
FB-24	9.07			2022	
FB-25	74.06			2022	
FB-27	13.05			2022	
LW-16	31.89	1,912	4,073	2022	
SL-78	80.22	395	7,318	2022	
FB-35	61.74			2022	C
FB-36	32.56			2022	C
FB-38	111.00			2022	C
FB-39	54.29			2022	C
FB-40	53.40			2022	C
FB-41	6.00			2022	C
FB-42	10.80			2022	C
FG-13	66.96			2022	C
LW-08	16.19	655	1,713	2022	C
LW-09	9.88	755	784	2022	C
LW-10	3.81	344	29	2022	C
LW-12	11.16	197	2,064	2022	C
LW-14	15.86			2022	C

OPERATING AREA SUMMARY

ARMIT

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR	
LW-15	5.03			2022	C
NM-01B	41.93	1,000	7,412	2022	C
SL-100	31.80			2023	
SL-101	9.50			2023	
SL-102	30.10			2023	
SL-105	11.25			2023	
SL-106	4.40			2023	
SL-107	13.30			2023	
SL-110	29.00			2023	
AR-100	20.40			2023	C
AR-101	23.00			2023	C
AR-102	12.30			2023	C
AR-103	35.60			2023	C
AR-104	36.80			2023	C
AR-105	11.70			2023	C
AR-61	98.30			2023	C
AR-62	31.00			2023	C
AR-63	21.50			2023	C
AR-71	5.70			2023	C
AR-72	15.80			2023	C
AR-73	4.20			2023	C
AR-74	14.60			2023	C
AR-75	11.80			2023	C
SL-103	30.20			2023	C
SL-104	38.00			2023	C

OPERATING AREA SUMMARY

ARMIT

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR	
SL-108	41.15			2023	C
SL-109	24.30			2023	C
SL-79	72.52			2023	C
SL-81	13.62			2023	C
AMT-201	24.26	3,778	172	2022	
AMT-002	41.67	4,158	653	2023	

Internal Mitigation Comments

General

Operating Area	Subject	Manitoba	Action/Response
Fire Break (includes some AR, FG, FB and SL blocks)	Previous Mitigation	Ensure adequate road closure post-renewal per previous IRMT conditions for Fire Break area.	Agreed
	Access Control	Where ATV access is to be left for renewal purposes, only one central access may be retained. No in block spur roads are to be left. A limited number of strategically distributed helicopter landing areas may be left on roads and landings. Access to be closed following completion of planting activities by no later than July 31, unless separate approval is applied for.	Agreed

Site Specific

Block	Subject	Manitoba	Action/Response
FG-13, SL-78. SL-82	No concerns	Blocks were recently mitigated.	
SL 100 series	No prescription	No concerns as drawn. Will mitigate further after the PHS survey.	
AR projection blocks	No prescription	No concerns as drawn. Will these blocks be surveyed? They are outside the FB area. Can discuss closer to harvest time.	



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:	AR-46	Operating Area:	Armit	FMU:	14
Cut Block Size (ha):	74.26	Ownership:	Open Crown Land	TWP:	43
				RGE:	29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	9,244	433	2,261	16,642	1,313			
VOLUME %	31	1	8	56	4	0	0	0
AVERAGE AGE	110	108	95	97	108			
HDWD %	40			SFTWD %			60	
M3/HA	161			M3/HA			242	
HDWD M3	11,938			SFTWD M3			17,955	
				TOTAL ALL			29,893	

COVER TYPE	V TYPE(S)	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH cm	WS	BS	BF
M	13	10	CL	14	20		20

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR: 2022	SOFTWOOD VOLUME: 17,057
CONTINGENCY: 	HARDWOOD VOLUME: 11,341

HARVEST SEASON	SOFTWOOD ALLOCATION: SPL
 ALL SEASON	HARDWOOD ALLOCATION: LP
X DRY	
X FROZEN	

HARVEST/SILVICULTURE SYSTEM	SLASH ABATEMENT
X CLEARCUT	 WHOLE TREE
 SELECTION	 PILE AND BURN
 SEED TREE	X WLF DEBRIS PILE
 SALVAGE	
 SHELTERWOOD	
 UNDERSTOREY PROTECTION	
X AVOIDANCE	
X PATCH RETENTION	
 DESIGNATED TRAILS	

FEATURE	WIDTH (m)	BUFFER INFORMATION
Drain	10	Buffer with hardwood along each side of drain
Camp Seven Crk	50	15 m treed in RZ in 50 m RMA with 25% retention along creek

LINE OF SIGHT MITIGATION: Non op areas, patch retention to protect understory

STRUCTURE RETENTION: Overmature hardwoods

HARVEST COMMENTS/ISSUES: Could be a multi year block for quota holder or activated by SPL for full harvest

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS	X	X	X
JP			
TL			
TA	X		
BA	X		

PREF. ALT.

PREF.	ALT.
X	

DRAG
SCALP
MOUND
TRENCH
WINTER RIPPER
OTHER:

AREA PLANT

YEAR	SEASON	AREA(HA)

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	WS	1,600	100,800
		BS	1,600	11,200

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads

ACCESS

TRUCK	ATV	HELICOPTER
	X	X

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

LP
 QUOTA HOLDER

ROAD CLOSURE POST HARVEST

NONE
 SLASH & DEBRIS
 EARTH BERM
 CROSSING REMOVAL
 OTHER:

ROAD CLOSURE POST RENEWAL

NONE
 SLASH & DEBRIS
 EARTH BERM
 CROSSING REMOVAL
 SITE PREPARATION
 OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

MQHA
 MFSRC

EXTERNAL REVIEW

DATE SUBMITTED TO I.R.M.T.
 I.R.M.T. COMMENTS RECEIVED
 I.R.M.T. COMMENTS REVIEWED
 ALL I.R.M.T. CONCERNS MITIGATED Revisit(2020)

I.R.M.T. CONCERNS & COMMENTS:

MITIGATION STRATEGY:

MITIGATED

Progressive road closure if multi year block	ok	X
Gate closed if inactive periods longer than 48 hrs	ok	X
Frozen harvest on S10 soils, harvest AR-46 west of road	ok	X
Erosion control on road	ok	X
BF and WS understorey observed by MC	CLAG	X
WLDP along Camp Seven Crk and LOS must be met	Understorey protection and inblock drain protection will meet LOS	X
15m treed RZ in 50 RMA with 25% retention on creek	resulting in feathered edge hardwood and softwood	X
Carry forward 2008 mitigation	Agreed	X
See comments for Revisit (2020) in Armit mitigation comments		X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="AR-61"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): <input type="text" value="98.30"/>	Ownership: Open Crown	TWP: 43
		RGE: 29

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>		SOFTWOOD VOLUME: <input type="text" value="0"/>	
CONTINGENCY: <input type="text" value="2023"/>		HARDWOOD VOLUME: <input type="text" value="0"/>	
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="AR-72"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 15.80	Ownership: Open Crown	TWP: 43
		RGE: 29

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>		SOFTWOOD VOLUME: <input type="text" value="0"/>	
CONTINGENCY: <input type="text" value="2023"/>		HARDWOOD VOLUME: <input type="text" value="0"/>	
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="AR-73"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 4.20	Ownership: Open Crown	TWP: 43
		RGE: 29

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>		SOFTWOOD VOLUME: <input type="text" value="0"/>	
CONTINGENCY: <input type="text" value="2023"/>		HARDWOOD VOLUME: <input type="text" value="0"/>	
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 14.60

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 11.80

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 46.72

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 44
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	217	616	667	667	2,176		542	
VOLUME %	4	13	14	14	45	0	11	0
AVERAGE AGE								
HDWD %	31		SFTWD %		69			
M3/HA	32		M3/HA		72		TOTAL ALL	
HDWD M3	<input type="text" value="1,500"/>		SFTWD M3		<input type="text" value="3,385"/>		<input type="text" value="4,885"/>	

COVER TYPE	V TYPE(S)	S-TYPE	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
			SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
M	8,13,18,29,30	S-5	SiCL	7	WS-TA MXD	55	355	436

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Beaver Flood	MFZ-50	Variable buffer on beaver flood to the west

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF regen, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is a lot of blowdown in this block, some can still be salvaged.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="AR-102"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 12.30	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text" value="2023"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="AR-103"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 35.60	Ownership: Open Crown	TWP: 43
		RGE: 28,29

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text" value="2023"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="AR-104"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 36.80	Ownership: Open Crown	TWP: 43
		RGE: 28,29

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text" value="2023"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 17.93

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input checked="" type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Flood/Creek to South	MFZ-20	Variable Buffer, Flag as Shown on Map
Pond to Northwest	50	Flag as Shown on Map
Pond to North	30	Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-20"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 127.50	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	
Creek to Northwest	MFZ-35	Variable Buffer, Flag as Shown on Map
Creek/Ponds to East	MFZ-40	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-21"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 36.31	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to Northwest	MFZ-40	Variable Buffer, Flag as Shown on Map
Pond to East	15-50	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS	X		X
JP			
TL			
TA	X		
BA	X		
WB	X		

PREF.	ALT.		SNOW CACHE
		DRAG	
		SCALP	
		MOUND	
		TRENCH	SCREEF
		WINTER RIPPER	
X		AREA PLANT	

YEAR	SEASON	AREA(HA)

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	WS	1800	5,040
		BS	1800	48,960

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads.

ACCESS

TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input type="text" value="X"/>	LP QUOTA HOLDER
--------------------------------	-----------------

ROAD CLOSURE POST HARVEST

<input type="text" value="X"/>	NONE
	SLASH & DEBRIS
	EARTH BERM
	CROSSING REMOVAL
	SPRING THAW
	GATE
	OTHER: <input type="text"/>

ROAD CLOSURE POST RENEWAL

<input type="text" value="X"/>	NONE
	SLASH & DEBRIS
	EARTH BERM
	CROSSING REMOVAL
	SITE PREPARATION
	OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

<input type="text" value="X"/>	MQHA
<input type="text" value="X"/>	MFSRC

EXTERNAL REVIEW

DATE SUBMITTED TO I.R.M.T.
 ALL I.R.M.T. CONCERNS MITIGATED

I.R.M.T. CONCERNS & COMMENTS:

MITIGATION STRATEGY:

MITIGATED

Block boundary within a couple meters of pond to E ensure 15m RZ per prescription.	See general comments regarding harvest design.	X
Indicate IBWC in N central/NE part of block at block narrowing, minimum MFZ less road crossing location	See general comments regarding harvest design.	X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-22"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 18.40	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to West	25-125	Variable Buffer, Flag as Shown on Map
Ponds to East	20-40	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-23"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 40.65	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to North	MFZ-125	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-24"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 9.07	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Alder Swale to South	MFZ	

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-25"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 74.06	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to South and East	MFZ-50	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-27"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 13.05	Ownership: Open Crown	TWP: 42
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek/Flood to South	MFZ-50	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-36"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 32.56	Ownership: Open Crown	TWP: 42
		RGE: 29

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>	CONTINGENCY: <input type="text" value="2022"/>	SOFTWOOD VOLUME: <input type="text" value="0"/>	HARDWOOD VOLUME: <input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION: SPL	
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION: LP	
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Lake	MFZ-25	Severe Forest Health Issues. Variable Buffer Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.

BLOCK # **FB-36**

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE: **S**

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS	X		X
JP			
TL			
TA	X		
BA	X		
WB	X		

PREF.	ALT.		SNOW CACHE
		DRAG	
		SCALP	
		MOUND	
		TRENCH	SCREEF
		WINTER RIPPER	
X		AREA PLANT	

YEAR	SEASON	AREA(HA)

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	WS	1800	22,320
		BS	1800	22,320

FOREST ASSESSMENT SURVEY **2032**

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads. Renewal prescription will be confirmed at time of harvest.

ACCESS

TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

	LP
X	QUOTA HOLDER

ROAD CLOSURE POST HARVEST

	NONE
	SLASH & DEBRIS
	EARTH BERM
	CROSSING REMOVAL
X	SPRING THAW
	GATE
	OTHER: <input type="text"/>

ROAD CLOSURE POST RENEWAL

	NONE
X	SLASH & DEBRIS
	EARTH BERM
X	CROSSING REMOVAL
	SITE PREPARATION
	OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

X	MQHA
X	MFSRC

EXTERNAL REVIEW

Oct 11, 2019 DATE SUBMITTED TO I.R.M.T.
 Feb 10, 2020 ALL I.R.M.T. CONCERNS MITIGATED

I.R.M.T. CONCERNS & COMMENTS:

MITIGATION STRATEGY:

MITIGATED

IRMT considers this a lower-priority harvest regarding the fire b fire break initiative considering adjacency to the lake and lowland BS areas. If time is a constraint consider skipping this block.	Don't anticipate a time constraint, would prefer to cut this block.	X

BLOCK # **FB-38**

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE: **M**

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS	X		X
JP			
TL			
TA	X		
BA	X		
WB	X		

PREF.	ALT.		SNOW CACHE
		DRAG	
		SCALP	
		MOUND	
		TRENCH	SCREEF
		WINTER RIPPER	
X		AREA PLANT	

YEAR	SEASON	AREA(HA)

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2022	Spring	WS	1600	108,000
		BS	1600	24,840

SURVEYS

PLANTATION	2023
HARDWOOD SURVEY	
FREE TO GROW	2032

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads. Renewal prescription will be confirmed at time of harvest.

ACCESS

TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

	LP
X	QUOTA HOLDER

ROAD CLOSURE POST HARVEST

	NONE
	SLASH & DEBRIS
	EARTH BERM
	CROSSING REMOVAL
X	SPRING THAW
	GATE
	OTHER: <input type="text"/>

ROAD CLOSURE POST RENEWAL

	NONE
X	SLASH & DEBRIS
	EARTH BERM
X	CROSSING REMOVAL
	SITE PREPARATION
	OTHER:

ACCESS COMMENTS:
Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

X	MQHA
X	MFSRC

EXTERNAL REVIEW

Oct 11, 2019	DATE SUBMITTED TO I.R.M.T.
Feb 10, 2020	ALL I.R.M.T. CONCERNS MITIGATED

I.R.M.T. CONCERNS & COMMENTS:	MITIGATION STRATEGY:	MITIGATED
Indicate buffer width lake to along NE, 15 m RZ.	Agreed. May be wider. Will assess at time of harvest.	X
15 m RZ along 3 ponds S parts of block.	Agreed. May be wider. Will assess at time of harvest.	X
Boundary per photo appears to be within 7 m of Johnson Lake, minimum 15m RZ per prescription.	Agreed. May be wider. Will assess at time of harvest.	X
Indicate buffer West creek/ponds.	See general comments regarding harvest design.	X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-39"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 54.29	Ownership: Open Crown	TWP: 42
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>	CONTINGENCY: <input type="text" value="2022"/>	SOFTWOOD VOLUME: <input type="text" value="0"/>	HARDWOOD VOLUME: <input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION: SPL	HARDWOOD ALLOCATION: LP
<input type="checkbox"/>	ALL SEASON		
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek/Flood to East	MFZ-100	Variable Buffer, Flag as Shown on Map
Lake to North	70	Flag as Shown
Lakes to Southwest	15-80	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FG-13"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 66.96	Ownership: Open Crown	TWP: 42
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	2,820	143		401	7,587	244		
VOLUME %	25	1	0	4	68	2	0	0
AVERAGE AGE								
	HDWD %	26		SFTWD %	74			
	M3/HA	44		M3/HA	123			TOTAL ALL
	HDWD M3	<input type="text" value="2,963"/>		SFTWD M3	<input type="text" value="8,232"/>			<input type="text" value="11,195"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	17,30	S5	CL	12	BS-JP LTFM		1513	40

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="7,820"/>
CONTINGENCY:	<input type="text" value="2022"/>	HARDWOOD VOLUME:	<input type="text" value="2,815"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Ponds to Northwest	MFZ	Severe Forest Health Issues. Variable Buffer Flag as Shown on Map
Virgin Lake	60-120	Variable Buffer Flag as Shown on Map
Creek to North east	MFZ-80	Variable Buffer Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 16.19

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43, 44
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	39		650	1,415	388			
VOLUME %	2	0	26	57	16	0	0	0
AVERAGE AGE				118				
HDWD %	28		SFTWD %		72			
M3/HA	43		M3/HA		111			TOTAL ALL
HDWD M3	<input type="text" value="689"/>		SFTWD M3		<input type="text" value="1,803"/>			<input type="text" value="2,492"/>

COVER TYPE	V TYPE(S)	S-TYPE	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
			SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
M	13, 21	10	Si	11		188		1025

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input checked="" type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

The block rises in elevation from north to south. It is a small block where as much of the concentrated understory patches will be avoided where possible. This will help to reduce the line of sight.

HARVEST COMMENTS/ISSUES:

This is a small, over mature block which has a gentle slope on the east side of the block (15%).

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS	X	X	X
JP			
TL			
TA	X		
BA			
WB	X		

PREF.	ALT.		SNOW CACHE
		DRAG	
		SCALP	
		MOUND	
		TRENCH	SCREEF
		WINTER RIPPER	X
		AREA PLANT	

YEAR	SEASON	AREA(HA)

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	WS	1800	14,400
		BS	1800	3,840

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads

ACCESS	
TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input type="text" value="X"/>	LP QUOTA HOLDER
--------------------------------	-----------------

ROAD CLOSURE POST HARVEST

<input type="text"/>	NONE
<input type="text"/>	SLASH & DEBRIS
<input type="text"/>	EARTH BERM
<input type="text"/>	CROSSING REMOVAL
<input type="text"/>	SPRING THAW
<input type="text"/>	GATE
<input type="text"/>	OTHER: <input type="text"/>

ROAD CLOSURE POST RENEWAL

<input type="text"/>	NONE
<input type="text"/>	SLASH & DEBRIS
<input type="text"/>	EARTH BERM
<input type="text"/>	CROSSING REMOVAL
<input type="text"/>	SITE PREPARATION
<input type="text"/>	OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

<input type="text" value="X"/>	MQHA
<input type="text" value="X"/>	MFSRC

EXTERNAL REVIEW

<input type="text" value="Jan 16, 2014"/>	DATE SUBMITTED TO I.R.M.T.
<input type="text" value="Feb 6, 2014"/>	ALL I.R.M.T. CONCERNS MITIGATED Revisit(2020)

I.R.M.T. CONCERNS & COMMENTS:	MITIGATION STRATEGY:	MITIGATED
One central access for renewal	Agreed	X
Need debris management, erosion control, riparian management plans	Will investigate in spring with PHS	X
Use existing access, not 08A	Agreed. Might extend NM-01B towards LW-09 if using that access	X
Rationale for whole tree processing?	See general comments.	X
Add Wildlife Debris Piles.	Agreed.	X
Add 'X' for WS Assisted Renewal Strategy.	Agreed.	X
Provide Access Management information.	Will likely use LP's access for AMT-203.	X
Previous mitigation comment indicated debris management, erosion control and riparian management contingent on PHS results. Results?	Will do, as per SOP. This was an old comment referring to a time when PHS was done to a lesser standard.	X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 9.88

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 44
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	286	99	410	825				
VOLUME %	18	6	25	51	0	0	0	0
AVERAGE AGE	119		69	104				
HDWD %	49		SFTWD %		51			
M3/HA	80		M3/HA		84			
HDWD M3	<input type="text" value="795"/>		SFTWD M3		<input type="text" value="825"/>		TOTAL ALL	
							<input type="text" value="1,620"/>	

COVER TYPE	V TYPE(S)	S-TYPE	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
			SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
N	3, 8, 13	6	SiL, SiC	4		140		1040

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input checked="" type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Little Woody River	80-160	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

This is a small, irregularly shaped block with undulating topography which will reduce the line of sight.

HARVEST COMMENTS/ISSUES:

The PHS Data indicates that this is an over mature block where the hardwood has hypoxylon canker and hardwood stem decay. There is a large bf understory which will be avoided where possible and the block is small. The aerial photos indicate that access will be through LW-08. This will be confirmed with further ground truthing prior to the work permit submission.

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS			
WS	X	X	X
JP			
TL			
TA	X		
BA	X		
WB	X		

PREF.

ALT.

<input type="text"/>	<input type="text"/>
X	<input type="text"/>

DRAG
SCALP
MOUND
TRENCH
WINTER RIPPER
AREA PLANT

SNOW
CACHE

SCREEF

YEAR SEASON AREA(HA)

YEAR	SEASON	AREA(HA)
<input type="text"/>	<input type="text"/>	<input type="text"/>

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	WS	1600	3,960
<input type="text"/>				
<input type="text"/>				

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads

ACCESS

TRUCK	<input type="text"/>
ATV	X
HELICOPTER	<input type="text"/>

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

LP
QUOTA HOLDER

ROAD CLOSURE POST HARVEST

NONE
 SLASH & DEBRIS
 EARTH BERM
 CROSSING REMOVAL
 SPRING THAW
 GATE
OTHER:

ROAD CLOSURE POST RENEWAL

NONE
 SLASH & DEBRIS
 EARTH BERM
 CROSSING REMOVAL
 SITE PREPARATION
OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

MQHA
 MFSRC

EXTERNAL REVIEW

DATE SUBMITTED TO I.R.M.T.
 ALL I.R.M.T. CONCERNS MITIGATED Revisit(2020)

I.R.M.T. CONCERNS & COMMENTS:	MITIGATION STRATEGY:	MITIGATED
Need access plan for 8 or 1B - crossing information	Will investigate in spring	X
Rationale for whole tree processing?	See general comments	X
Add a couple wildlife debris piles.	Agreed.	X
Block is 51% SW and majority of HW is WB of a younger age class, should the renewal objective be a M over a N?	Will plant most of the block, should reach an M standard.	X
Confirm the buffer on Little Woody River is from the top of the downslope.	It will be a minimum of top of downslope.	X
Provide Access Management information.	Will assess closer to harvest time.	X
Update on access per previous mitigation comment?	Will assess closer to harvest time.	X
Crossing information for creek between LW-08-09 and LW-08-10?		



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="LW-10"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 3.81	Ownership: Open Crown	TWP: 43, 44
		RGE: 29

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	41	135	186	31				
VOLUME %	10	34	47	8	0	0	0	0
AVERAGE AGE	89			104				
	HDWD %	92		SFTWD %	8			
	M3/HA	95		M3/HA	8			TOTAL ALL
	HDWD M3	<input type="text" value="362"/>		SFTWD M3	<input type="text" value="31"/>			<input type="text" value="393"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
H	8, 27	5	CL	10			800	

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="29"/>
CONTINGENCY:	<input type="text" value="2022"/>	HARDWOOD VOLUME:	<input type="text" value="344"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS
		<input checked="" type="checkbox"/>	WHOLE TREE
		<input type="checkbox"/>	PILE AND BURN
		<input type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

The size of the block will limit the line of sight.

HARVEST COMMENTS/ISSUES:

This is a small harvest block with Armillaria and brown cubicle rot in the spruce. It will be harvested in conjunction with LW-08, 09 and 12. A better access will be submitted prior to or with the work permit.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 11.16

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	62		145	35	1,717	421		
VOLUME %	3	0	6	1	72	18	0	0
AVERAGE AGE					112	93		
HDWD %	9		SFTWD %		91			
M3/HA	19		M3/HA		195			
HDWD M3	<input type="text" value="207"/>		SFTWD M3		<input type="text" value="2,173"/>		TOTAL ALL	
							<input type="text" value="2,380"/>	

COVER TYPE	V TYPE(S)	S-TYPE	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
			SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	13, 17	5		10				

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input checked="" type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:
Size of Block and Topography will limit line of sight.

HARVEST COMMENTS/ISSUES:



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 15.86

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input checked="" type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:
Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:
Further pre-harvest survey data, creek crossing data and road location data will be submitted as completed or with the work permit.

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

RENEWAL STRATEGY BY SPECIES			
SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS	X	X	X
JP	X		
TL			
TA	X		
BA			
WB	X		

SITE PREPARATION			SNOW CACHE
PREF.	ALT.		
		DRAG	
		SCALP	
		MOUND	
		TRENCH	SCREEF
		WINTER RIPPER	X
X		AREA PLANT	

YEAR	SEASON	AREA(HA)

TREE PLANTING				
YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	WS	1800	15,840

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads. Renewal prescription will be confirmed at time of harvest.

ACCESS	
TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input type="text" value="X"/>	LP QUOTA HOLDER
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ROAD CLOSURE POST HARVEST

<input type="text" value=""/>	NONE
<input type="text" value=""/>	SLASH & DEBRIS
<input type="text" value=""/>	EARTH BERM
<input type="text" value=""/>	CROSSING REMOVAL
<input type="text" value=""/>	SPRING THAW
<input type="text" value=""/>	GATE
<input type="text" value=""/>	OTHER: <input type="text" value=""/>

ROAD CLOSURE POST RENEWAL

<input type="text" value=""/>	NONE
<input type="text" value=""/>	SLASH & DEBRIS
<input type="text" value=""/>	EARTH BERM
<input type="text" value=""/>	CROSSING REMOVAL
<input type="text" value=""/>	SITE PREPARATION
<input type="text" value=""/>	OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

<input checked="" type="checkbox"/>	MQHA
<input checked="" type="checkbox"/>	MFSRC

EXTERNAL REVIEW

DATE SUBMITTED TO I.R.M.T.
 ALL I.R.M.T. CONCERNS MITIGATED Revisit(2020)

I.R.M.T. CONCERNS & COMMENTS:	MITIGATION STRATEGY:	MITIGATED
Defer harvest to capture with AMT-205	Agreed	X
Confirm intent to include as salvage harvest? Block looks impacted on imagery.	Yes, this block was heavily impacted.	X
Remove old mitigation comment regarding harvesting in conjunction with AMT-205.	Agreed	X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input checked="" type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:
Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:
Further pre-harvest survey data, creek crossing data and road location data will be submitted as completed or with the work permit.

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

RENEWAL STRATEGY BY SPECIES			
SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS			
JP	X		
TL			
TA	X		
BA			
WB			

SITE PREPARATION			SNOW CACHE
PREF.	ALT.		
		DRAG	
		SCALP	
		MOUND	
		TRENCH	SCREEF
		WINTER RIPPER	X
X		AREA PLANT	

YEAR	SEASON	AREA(HA)

TREE PLANTING				
YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	BS	2000	5,400

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads. Renewal prescription will be confirmed at time of harvest.

ACCESS	
TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input type="text" value="X"/>	LP QUOTA HOLDER
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ROAD CLOSURE POST HARVEST

<input type="text" value=""/>	NONE
<input type="text" value=""/>	SLASH & DEBRIS
<input type="text" value=""/>	EARTH BERM
<input type="text" value=""/>	CROSSING REMOVAL
<input type="text" value=""/>	SPRING THAW
<input type="text" value=""/>	GATE
<input type="text" value=""/>	OTHER: <input type="text" value=""/>

ROAD CLOSURE POST RENEWAL

<input type="text" value=""/>	NONE
<input type="text" value=""/>	SLASH & DEBRIS
<input type="text" value=""/>	EARTH BERM
<input type="text" value=""/>	CROSSING REMOVAL
<input type="text" value=""/>	SITE PREPARATION
<input type="text" value=""/>	OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

<input checked="" type="checkbox"/>	MQHA
<input checked="" type="checkbox"/>	MFSRC

EXTERNAL REVIEW

DATE SUBMITTED TO I.R.M.T.
 ALL I.R.M.T. CONCERNS MITIGATED Revisit(2020)

I.R.M.T. CONCERNS & COMMENTS:	MITIGATION STRATEGY:	MITIGATED
Defer harvest to capture with AMT-205	Agreed	X
Confirm intent to include as salvage harvest? Block looks impacted on imagery.	Yes, this block was heavily impacted.	X
Remove old mitigation comment regarding harvesting in conjunction with AMT-205.	Agreed.	X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 29

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	1,226	54	733	2,555	0	27	1,705	
VOLUME %	19	1	12	41	0	0	27	0
AVERAGE AGE								
HDWD %	32		SFTWD %		68			
M3/HA	63		M3/HA		134			
HDWD M3	<input type="text" value="2,013"/>		SFTWD M3		<input type="text" value="4,287"/>			TOTAL ALL
								<input type="text" value="6,300"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
M	7,13,21	S1	SiCL	6	TA-JP SPMX	125	0	325

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

SLASH ABATEMENT

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

<input checked="" type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:
Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:
This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot.

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS			
WS	X	X	X
JP	X		
TL			
TA	X		
BA	X		
WB	X		

PREF.

ALT.

PREF.	ALT.
X	

DRAG
SCALP
MOUND
TRENCH
WINTER RIPPER
AREA PLANT

SNOW
CACHE

SCREEF

X

YEAR SEASON AREA(HA)

YEAR	SEASON	AREA(HA)

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	WS	1800	39,960

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads

ACCESS

TRUCK

ATV

HELICOPTER

X

X

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

LP
QUOTA HOLDER

ROAD CLOSURE POST HARVEST

NONE
 SLASH & DEBRIS
 EARTH BERM
 CROSSING REMOVAL
 SPRING THAW
 GATE
OTHER:

ROAD CLOSURE POST RENEWAL

NONE
 SLASH & DEBRIS
 EARTH BERM
 CROSSING REMOVAL
 SITE PREPARATION
OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

MQHA
 MFSRC

EXTERNAL REVIEW

DATE SUBMITTED TO I.R.M.T.
 ALL I.R.M.T. CONCERNS MITIGATED Revisit(2020)

I.R.M.T. CONCERNS & COMMENTS:	MITIGATION STRATEGY:	MITIGATED
Defer harvest to capture with AMT-205	Agreed	X
Add Wildlife Debris Piles.	Agreed.	X
Provide Access Management information.	Will assess closer to harvest time.	X
IBWC running N-S through middle of block? MFZ?	Will assess closer to harvest time. If there is one will be a minimum of a MFZ.	X
Remove old mitigation comment regarding harvesting in conjunction with AMT-205.	Agreed.	X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="NM-01B"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 41.93	Ownership: Open Crown	TWP: 44
		RGE: 29

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	1,054			1,950	975	4,877		
VOLUME %	12	0	0	22	11	55	0	0
AVERAGE AGE	96			102	101	109		
	HDWD %	12		SFTWD %	88			
	M3/HA	25		M3/HA	186			TOTAL ALL
	HDWD M3	<input type="text" value="1,054"/>		SFTWD M3	<input type="text" value="7,802"/>			<input type="text" value="8,856"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	13, 28	10, 2	SiC, SCL	8			150	

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	7,412
CONTINGENCY:	<input type="text" value="2022"/>	HARDWOOD VOLUME:	1,000
HARVEST SEASON		SOFTWOOD ALLOCATION:	<input type="text" value="SPL"/>
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	<input type="text" value="LP"/>
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PILE
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION
Little Woody river	43 - 225	variable buffer along edge of pivot point on East side of block. Only two spots less than 50 m.

LINE OF SIGHT/STRUCTURE RETENTION:

Hardwood patches will be left throughout the block, there is a drain toward the centre of the block where harvesting will cut to the edge of the pivot point along the drain as shown on the attached ortho-map and no harvesting will occur on the wet lowland non merchantable conifer areas. All this will contribute to the reduction of the line of sight.

HARVEST COMMENTS/ISSUES:

This pre-harvest survey data dates back to 2002. There is an old cutover on the west side of the block. The regen is now 5 to 7 m tall. Adjacency has been achieved. There is a large riparian zone between NM-01A and 01B of at least 200 m width. The wood is overmature with the typical diseases found in the area; Armillaria root rot, brown cubicle rot, western gall rust on the pine and stem cankers on the aspen. When further ground truthing has been completed then better crossing and road data will be made available.

BLOCK # **NM-01B**

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE: **S**

RENEWAL STRATEGY BY SPECIES			
SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS	X		X
JP	X		
TL			
TA	X		
BA			
WB			

SITE PREPARATION			SNOW CACHE
PREF.	ALT.		
		DRAG	X
		SCALP	
		MOUND	
		TRENCH	SCREEF
		WINTER RIPPER	X
		AREA PLANT	

YEAR	SEASON	AREA(HA)

TREE PLANTING				
YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	WS	2000	40,320
		BS	2000	17,280

FOREST ASSESSMENT SURVEY **2032**

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads

ACCESS	
TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input checked="" type="checkbox"/>	LP QUOTA HOLDER
-------------------------------------	-----------------

ROAD CLOSURE POST HARVEST

<input type="checkbox"/>	NONE
<input type="checkbox"/>	SLASH & DEBRIS
<input type="checkbox"/>	EARTH BERM
<input type="checkbox"/>	CROSSING REMOVAL
<input type="checkbox"/>	SPRING THAW
<input type="checkbox"/>	GATE
<input type="checkbox"/>	OTHER: <input type="text"/>

ROAD CLOSURE POST RENEWAL

<input type="checkbox"/>	NONE
<input type="checkbox"/>	SLASH & DEBRIS
<input type="checkbox"/>	EARTH BERM
<input type="checkbox"/>	CROSSING REMOVAL
<input type="checkbox"/>	SITE PREPARATION
<input type="checkbox"/>	OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

<input checked="" type="checkbox"/>	MQHA
<input checked="" type="checkbox"/>	MFSRC

EXTERNAL REVIEW

Jan 16, 2014 DATE SUBMITTED TO I.R.M.T.
Feb 6, 2014 ALL I.R.M.T. CONCERNS MITIGATED Revisit(2020)

I.R.M.T. CONCERNS & COMMENTS:	MITIGATION STRATEGY:	MITIGATED
Do not reuse landings from 2002 harvest to protect regeneration	Agreed	X
Consider helicopter access for renewal	Will investigate at time of harvest	X
Add Wildlife Debris Piles	Agreed.	X
Provide Access Management information	Will assess closer to harvest time.	X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SL-78"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 80.22	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
VOLUME (M3) VOLUME % AVERAGE AGE	TA	BA	WB	WS	BS	JP	BF	TL
	172	99	124	1,764	5,250		304	
	2	1	2	23	68	0	4	0
	HDWD %	5	SFTWD %	95				
	M3/HA	5	M3/HA	91	TOTAL ALL			
	HDWD M3	<input type="text" value="395"/>	SFTWD M3	<input type="text" value="7,318"/>	<input type="text" value="7,713"/>			

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	13,21,29,30	S5	CL	12	BS-JP LTFM		432	1779

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="6,952"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="375"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input type="checkbox"/>	WLF DEBRIS PILE
	<input type="checkbox"/>	<input type="checkbox"/>	PILE
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to West	175-260	Variable Buffer, Harvest to edge of steep downslope
Creek to North	100-200	Variable Buffer, Harvest to edge of steep downslope
Creek to east	15-25	Variable Buffer, Harvest to edge of steep downslope, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SL-79"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 72.52	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>		SOFTWOOD VOLUME: <input type="text" value="0"/>	
CONTINGENCY: <input type="text" value="2023"/>		HARDWOOD VOLUME: <input type="text" value="0"/>	
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM			SLASH ABATEMENT		
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	DESIGNATED TRAILS	<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to West	100-150	Variable Buffer, Harvest to steep downslope
Creek to East	25-75	Variable Buffer, Harvest to steep downslope

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SL-81"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 13.62	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>	CONTINGENCY: <input type="text" value="2023"/>	SOFTWOOD VOLUME: <input type="text" value="0"/>	HARDWOOD VOLUME: <input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM	SLASH ABATEMENT
<input checked="" type="checkbox"/> CLEARCUT	<input type="checkbox"/> WHOLE TREE
<input type="checkbox"/> SELECTION	<input checked="" type="checkbox"/> WHOLE TREE / SPREAD
<input type="checkbox"/> SEED TREE	<input type="checkbox"/> PILE AND BURN
<input checked="" type="checkbox"/> SALVAGE	<input checked="" type="checkbox"/> WLF DEBRIS PILE
<input type="checkbox"/>	<input type="checkbox"/> PILE
<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to West	60-100	Variable Buffer, Harvest to edge of steep downslope

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SL-101"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 9.50	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2023"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS
		<input type="checkbox"/>	WHOLE TREE
		<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
		<input type="checkbox"/>	PILE AND BURN
		<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

SLASH ABATEMENT

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SL-104"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 38.00	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>		SOFTWOOD VOLUME: <input type="text" value="0"/>	
CONTINGENCY: <input type="text" value="2023"/>		HARDWOOD VOLUME: <input type="text" value="0"/>	
HARVEST SEASON		SOFTWOOD ALLOCATION: SPL	
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION: LP	
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SL-106"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 4.40	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2023"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS
		<input type="checkbox"/>	WHOLE TREE
		<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
		<input type="checkbox"/>	PILE AND BURN
		<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

SLASH ABATEMENT

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SL-108"/>	Operating Area: Armit	FMU: 14
Cut Block Size (ha): 41.15	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>		SOFTWOOD VOLUME: <input type="text" value="0"/>	
CONTINGENCY: <input type="text" value="2023"/>		HARDWOOD VOLUME: <input type="text" value="0"/>	
HARVEST SEASON		SOFTWOOD ALLOCATION: SPL	
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION: LP	
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Armit
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.

ROADS

Armit

AR-13 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
7.32	20	8	Frozen	1	E

Road Development Comments

This is an existing winter road which begins at the end of AR-65 Rd and will be used to access AR blocks 46

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X					

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments: Slash piles will be used to deflect water in areas vulnerable to erosion.

AR-63 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
7.13	20	8	Frozen	2	E

Road Development Comments

This road originates off the AR-103 Road and will be used to access AR-62 and 63.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

AR-65 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
7.13	20	8	Frozen	2	E

Road Development Comments

AR-65 Rd is an existing winter road that originates off the National Mills Rd. It will be used to access AR-46 and AR-93.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X					

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments: Slash piles will be used to deflect water in areas vulnerable to erosion.



ROADS

Armit

AR-93 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.97	20	8	Frozen	1	E

Road Development Comments

This is an existing winter road that originates off the AR-65 Rd. It will be used to access AR-93.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder							X	
			X					

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments: Slash piles will be used to deflect water in areas vulnerable to erosion.

AR-103 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
3.31	20	8	Frozen	5	E

Road Development Comments

This road originates off the FB-23 Road and will be used to access AR-100-103 and a number of other future AR blocks.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder							X	
			X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

Road Class

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)

Road Development Comments

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder								

Road Closure Comments

Additional Comments:



ROADS

Armit

LW-08 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.3	20	8	Frozen	1	P

Road Development Comments

This road originates off of the NM-01B Road and will be used to access LW-08,09,10

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

LW-09 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.11	20	8	Frozen	1	P

Road Development Comments

This road accesses LW-09 from LW-08

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

LW-10 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.34	20	8	Frozen	1	P

Road Development Comments

This road will be used to access LW-10 from LW-08

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:



ROADS

Armit

LW-14 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.89	20	8	Winter	1	P

Road Development Comments

This road originates off of the National Mills Road and will be used to access LW-14 and 15

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

LW-15 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.45	20	8	Winter	1	P

Road Development Comments

This road accesses LW-15 from LW-14 road

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

NM-01A RD

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.58	20	8	Frozen	1	P

Road Development Comments

This is an alternate road to NM-01B used to access NM-01B, LW-08,09,10

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:



ROADS

Armit

NM-01B Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
3.83	20	8	Winter	2	Existing (E)

Road Development Comments

This road originates off of the National Mills Road and will be used to access NM-01B, LW-08,09,10

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Post Harvest					X	
Post Renewal	X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SL-RC Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
6.25	20	8	Frozen	3	E

Road Development Comments

This is an old existing road that originates on the Virgin Lake Rd. that will be used in part to access SL-100-104. It may also be used to access SL-105-107. It may also be used in the future to access RC-34 and 35

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Post Harvest					X	
Post Renewal	X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments: This road is an old existing winter road.

SL-79 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
5.18	20	8	Frozen	3	P

Road Development Comments

This road originates on the Virgin Lake Rd and will be used to access SL-77, 78, 79, 81 and 82.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Post Harvest					X	
Post Renewal	X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments: Parts of this road are old existing winter road.



ROADS

Armit

SL-104 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.85	20	8	All Season	1	P

Road Development Comments

This road originates off the SL-RC Road and will be used to access SL-100-104.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder						X	
	Post Renewal	X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SL-205 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.85	20	8	All Season	1	E

Road Development Comments

This road originates off the Virgin Lake Road and will be used to access SL-201-205. This road may be used to access blocks RC-34 and 35 in the future.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder						X	
	Post Renewal	X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

ST-07 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.85	30	8	All Season	1	E

Road Development Comments

This road originates off the Hoodoo Road and will be used to access FB-40, FB-41, FB-42

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder							
	Post Renewal	X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:



ROADS

Armit

FB-20 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
2.14	20	8	Winter	1	P

Road Development Comments

This road originates on the FB-23 RD and will be used to access FB-20 and FB-22

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

FB-21 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.53	20	8	Winter	1	P

Road Development Comments

This road originates on the FB-23 RD and will be used to access FB-19 and 21

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

FB-22 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1	20	8	Winter	1	P

Road Development Comments

This Road originates off the FB-25 Rd and will be used to access FB-22

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X	X				

Road Closure Comments

Additional Comments:



ROADS

Armit

FB-23 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
2.86	20	8	Winter	2-5	P

Road Development Comments

This Road originates off the Virgin Lake Road Rd and will be used to access blocks FB-18, 19, 20, 21, 22, 23 and some future AR blocks.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder						X	
	Post Renewal	X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

FB-26 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.66	20	8	Winter	2	P

Road Development Comments

This road originates on the FB-27 Road and will be used to access FB-26, 29 and 30

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder						X	
	Post Renewal	X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

FB-27 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.66	20	8	Winter	2	P

Road Development Comments

This road originates on the Hoodoo RD and will be used to access FB-26, 27, 29, 30

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder						X	
	Post Renewal	X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:





WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="FB-19 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 331166
Y 5841725

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate			
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>	
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/>	to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>	
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>			
Arch Culvert	<input type="text"/>	<input type="text"/>			
Round Culvert	<input type="text"/>	<input type="text" value="X"/>			
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>			

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="FB-20 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 330908
Y 5841435

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text"/>	<input type="text" value="X"/>		
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="FB-21 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 332177
Y 5842050

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate			
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>	
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/>	to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>	
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>			
Arch Culvert	<input type="text"/>	<input type="text"/>			
Round Culvert	<input type="text"/>	<input type="text" value="X"/>			
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>			

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="FB-23 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 330232
Y 5841230

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text"/>	<input type="text" value="X"/>		
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="FB-31 ALT Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 333355
Y 5836687

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2025"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text" value="X"/>	<input type="text"/>		
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="FB-32 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 332836
Y 5835844

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text" value="X"/>	<input type="text"/>		
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="FB-35 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 331990
Y 5835259

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text" value="X"/>	<input type="text"/>		
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="FG-13 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 333928
Y 5835155

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate			
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>	
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/>	to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>	
Snow and Ice	<input type="text"/>	<input type="text"/>			
Arch Culvert	<input type="text"/>	<input type="text"/>			
Round Culvert	<input type="text" value="X"/>	<input type="text"/>			
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>			

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="Lost Lake Ford"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 332931
Y 5830591

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text" value="X"/>	<input type="text"/>		
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="NL-RD A Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 334333
Y 5832532

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate			
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>	
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/>	to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>	
Snow and Ice	<input type="text"/>	<input type="text"/>			
Arch Culvert	<input type="text"/>	<input type="text"/>			
Round Culvert	<input type="text" value="X"/>	<input type="text"/>			
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>			

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="NM-01B Xing1"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 324749 Y 5848420 This crossing is on a beaver flood, may require dam removal. Further information will be forthcoming prior to or with the work permit application.
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INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate			
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>	
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/>	to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>	
Snow and Ice	<input type="text"/>	<input type="text"/>			
Arch Culvert	<input type="text"/>	<input type="text"/>			
Round Culvert	<input type="text" value="X"/>	<input type="text"/>			
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>			

Other

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Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.
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WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="NM-01B Xing2"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 327025
Y 5848713

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate			
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>	
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/>	to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>	
Snow and Ice	<input type="text"/>	<input type="text"/>			
Arch Culvert	<input type="text"/>	<input type="text"/>			
Round Culvert	<input type="text" value="X"/>	<input type="text"/>			
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>			

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Armit"/>	Crossing ID	<input type="text" value="Rutledge Bridge"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 330419
Y 5829442

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temporary	<input checked="" type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="checkbox"/>	<input type="checkbox"/>		
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>		
Round Culvert	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Geotextile and Logs	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.

Cut Block Name: AMT-201	Twp & Rge: t44r29w	Cut Block Size: 24.3 ha
OPERATING AREA: Armit	Ownership: Open Crown	Mapsheet: 320584
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	76	22.6	31	50%	127	3,075
BA		18.9	27	24%	60	1,463
WB		19.9	31	22%	54	1,316
Total HW				96%	241	5,854
WS		18.0	39	4%	11	266
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				4%	11	266
Block Total:					252	6,120

Understory Stems/ha and Distribution								
WS		BS		BF				
70	Clumped			50	Clumped			
Eco Land Classification				Soils Summary				
V Type		1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
Eco Site		05	01	04	16	S10	5	Clay Loam
		33	12	51	08	S1	0	Loamy Sand
					05	S5	2	Clay Loam
Cover Type: H		IBWC Cnt: 0						

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,778
SOFTWOOD VOLUME (m3): 172

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	30	Camp Seven Creek located on the W side. Variable 30 to 150m buffer. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **194** to **291** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Mountain maple is present throughout the block. Beaked hazel and blue-joint grass is present in small amounts.
This block has relatively flat topography.
Ensure LOS guideline is achieved.
Keep debris off road on E side of block (National Mills Road).
This block was partially harvested in 2019/20. The area harvested was only 1.5 hectares. This block has been added back into this operating plan. This block has four small patches along the road which were partially harvested and very little volume remains in them. The large patch along Camp Seven Creek is the only part of the block which will be harvested (16.5 Ha). The volumes shown indicate the volume for the large patch only.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/16/18**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>LP to discuss with trapper - Report to IRMT</p> <p>200 m buffer on trapper cabin</p> <p>Line of sight mitigation</p> <p>No buffer on trail</p>	<p>LP will discuss with trapper.</p> <p>LP will discuss with trapper.</p> <p>Will add to prescription.</p> <p>LP will discuss with trapper.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Cut Block Name: AMT-002	Twp & Rge: t44r29w	Cut Block Size: 41.7 ha
OPERATING AREA: Armit	Ownership: Open Crown	Mapsheet: 320585
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	66	19.9	23	52%	63	2,634
BA	67	19.1	27	17%	21	873
WB		16.8	33	17%	21	870
Total HW				86%	105	4,377
WS	99	20.6	37	10%	12	516
BS		10.0	16	3%	4	172
JP				0%	0	0
BF				0%	0	0
Total SW				14%	17	688
Block Total:					122	5,065

Understory Stems/ha and Distribution					
WS		BS		BF	
47	Clumped	21	Clumped		

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type			
Eco Site			

Soils Summary	
LFH(cm)	S-Type

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **LP**
SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **4,158**
SOFTWOOD VOLUME (m3): **653**

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Wetland	MFZ-15	Wetland/Floods located in centre of block. MFZ-15 meters. Harvest as shown on map.
2	Stream	15-75	Little Woody River located on the west side. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **333** to **500** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2029

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/29/21**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Roads

Armit

AMT-2A, 2B (Existing)

Additional Road Development Comments

These roads access AMT-201.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
3.9	20	8	Dry/Frozen	50

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Main road will left open for future harvest.						



Phone: --
Fax: --

FMU 12 & 14 2023 - Proposed Crossings

Crossing Name: AMT-C10		Ownership: LP	
Operating Area:	Armit	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5851148	UTM Easting:	327054
Stream Type:	Permanent	Land Description:	NW11-44-29W
Watercourse Name:	N/A	Crossing Inspection Date:	
Channel Width (m):		Stream Assessment Required:	
Water Depth (m):		Stream Assessment Complete:	
Road Name:	NLM-14A-1A		

Site Description:

Crossing information and photos will be supplied at the work permit stage or with the 2022 mitigation packages.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings or clear span bridges.

Crossing Structure:

Crossing Lifespan:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Temporary Crossing:	<input checked="" type="checkbox"/>	
01 December,2023	to	31 March,2024
Permanent Crossing:	<input type="checkbox"/>	
Proposed Install Date:		
Crossing Duration:	<input type="checkbox"/> Years	
Remove after Renewal Activities:		

Installation & Removal Notes:



Phone: --
Fax: --

Crossing Name: AMT-C11		Ownership: LP	
Operating Area:	Armit	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5850887	UTM Easting:	327517
Stream Type:	Other Watercourse	Land Description:	NE11-44-29W
Watercourse Name:	N/A	Crossing Inspection Date:	
Channel Width (m):		Stream Assessment Required:	
Water Depth (m):		Stream Assessment Complete:	
Road Name:	AMT-14A-1A		

Site Description:

Crossing information and photos will be supplied at the work permit stage or with the 2022 mitigation packages.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

Crossing Lifespan:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

OPERATING AREA SUMMARY

BADEN

FMU 12

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR	
BDN-003	13.90	1,737	70	2023	C
BDN-005	24.50	3,062	123	2023	C
BDN-800	23.30	2,272	73	2022	C

Cut Block Name: BDN-003	Twp & Rge: t44r27w	Cut Block Size: 13.9 ha
OPERATING AREA: Baden	Ownership: Open Crown	Mapsheet: 340585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type							
Eco Site							

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,737
SOFTWOOD VOLUME (m3): 70

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE	WIDTH (m)	DETAILS
0		

NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **111** to **167** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2029

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Cut Block Name: BDN-005	Twp & Rge: t44r27w	Cut Block Size: 24.5 ha
OPERATING AREA: Baden	Ownership: Open Crown	Mapsheet: 340585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
			1st	2nd	3rd
V Type			LFH(cm)	S-Type	Moisture
Eco Site			Surface	Texture	
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,062
SOFTWOOD VOLUME (m3): 123

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	MFZ-30	Located along NW tip of block. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 196 to 294 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The stand volume information provided is from similar blocks in this operating area. The average volume is 128 m3/ha hardwood and 6 m3/ha softwood. This block is scheduled to be surveyed in 2020.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: BDN-800	Twp & Rge: t44r28w	Cut Block Size: 27.0 ha
OPERATING AREA: Baden	Ownership: Open Crown	Mapsheets: 330585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		21.0	34	20%	21	576
BA		19.8	34	77%	83	2,243
WB				0%	0	0
Total HW				97%	104	2,819
WS		21.5	50	3%	3	85
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				3%	3	85
Block Total:					108	2,904

Understory Stems/ha and Distribution								
WS		BS		BF				
Eco Land Classification				Soils Summary				
V Type		1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
Eco Site		01	05	03	09	S10	4	Loamy Sand
					09	S10	4	Sandy Clay Loam
Cover Type: H		IBWC Cnt: 1						

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP/Schwanke
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,678
SOFTWOOD VOLUME (m3): 81

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Roads	50	Hwy 77 located on the S side. Variable 50 to 100+m buffer. Harvest as shown on map.
2	Stream	30	Located on the W side. Variable 30 to 50m buffer. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 216 to 324 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block is on SE36-44-28 which is coded A1.
Beaked hazel, mountain maple and fireweed are present in the block.
This block has relatively flat topography.
This block was HC-20 in the MQHA 2012 plan. It has been moved to the 2012 contingency plan. LP is now managing hardwood quota's and block name has been changed to match LP's system.
IBWC near plot 4 has been removed from the block.

Roads

Baden

BDN-1A (existing)

Additional Road Development Comments

This road is part of the access to block BDN-005.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.1	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris after harvest.					

BDN-1B

Additional Road Development Comments

This road accesses BDN-005.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.6	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris where available.					

BDN-2A and 2A-1A (existing)

Additional Road Development Comments

These roads access block BDN-003.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.7	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A berm will be placed at the start of BDN-2A-1A. Slash and debris will be spread on the first 50m of this road also.				

BDN-3A (existing)

Additional Road Development Comments

This road is on private land and is part of the access to block BDN-800.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.8	20	8	Dry/Frozen	5

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Schwanke	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This road is on private land and will remain open.						

BDN-3A-1A

Additional Road Development Comments

This is an existing road that will be re opened to access BDN-800.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.3	15	6	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	After harvest road will be closed with slash and debris.

OPERATING AREA SUMMARY

BARROWS

FMU 12

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
BRW-002	35.20	7,350	0	2022
BRW-008	29.10	4,869	114	2022 C
BRW-009	111.78	13,615	2,205	2022
BRW-001	59.10	10,064	0	2023
BRW-004	15.40	3,001	179	2023
BRW-006	28.50	3,752	30	2023

Cut Block Name: BRW-002	Twp & Rge: t44r28w	Cut Block Size: 35.2 ha
OPERATING AREA: Barrows	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	81	21.8	38	88%	193	6,806
BA		18.0	25	7%	15	511
WB		17.5	30	5%	12	420
Total HW				100%	220	7,737
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					220	7,737

Understory Stems/ha and Distribution					
WS		BS		BF	
11	Clumped			667	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	06	
Eco Site	22	11	

LFH(cm)	S-Type	Moisture	Surface Texture
07	S5	2	Sandy Clay Loam
05	S5	2	Sandy Clay Loam

Cover Type: H	IBWC Cnt: 1
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 7,350
SOFTWOOD VOLUME (m3): 0

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	50	Located on W side. Harvest as shown on map.
2	Roads	50	Cemetery road located on N side. Variable 50 to 100m buffer. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 281 to 422 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block is on NE22 and SE27-44-28W which are coded A1.
Maintain structure along inblock drains located near plots 8 and 11.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located in the southeast portion of block (plots 2 and 4). These areas will be harvested with concentrated clumps of BF being maintained.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/31/2017**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Community concerns mitigated 2012. Do not harvest all blocks in one year.</p> <p>Community concerns mitigated 2012. Do not use cemetery road for haul.</p> <p>Community concerns mitigated 2012. Provide buffer on cemetery and road.</p> <p>No new comments.</p>	<p>Agreed. Will show different years for proposed harvest.</p> <p>Agreed. Will show different access from east and west.</p> <p>Agreed. Cemetery and road buffered as shown on map.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Cut Block Name: BRW-009	Twp & Rge: t44r28w	Cut Block Size: 108.1 ha
OPERATING AREA: Barrows	Ownership: Open Crown	Mapsheets: 330585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	65	20.9	30	32%	47	5,040
BA	72	21.2	44	47%	67	7,279
WB		17.7	33	7%	11	1,164
Total HW				86%	125	13,483
WS	134	22.7	39	13%	18	1,979
BS				0%	0	0
JP				0%	0	0
BF		21.5	30	1%	2	164
Total SW				14%	20	2,143
Block Total:					145	15,626

Understory Stems/ha and Distribution					
WS		BS		BF	
59	Clumped			45	Clumped

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	01	05	08	06	S8	4	Sandy Loam		
	22	42	23	13	S3	1	Silty Sand		
				16	S8	5	Silt		
				15	S4	2	Silt Loam		

Cover Type: H	IBWC Cnt: 4
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 12,809
SOFTWOOD VOLUME (m3): 2,036

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Flood	MFZ	Located along E side and NW sides. Structure will be maintained. Flag as shown on map.
2	Stream	50	Located on W side. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 864 to 1,297 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block is on Section 32-44-28 and NW33, SW,NW,SE4-45-28 which are coded A1.

This block exceeds the 100 hectare guideline. The block is over mature and has numerous unmerchantable patches. These patches will be left when encountered. This will break up the block and mitigate line of sight concerns.

Beaked hazel is present throughout the block. Alder, raspberry, rose, mountain maple, thistle and blue-joint grass are present in small amounts.

This block has relatively flat topography.

Structure will be maintained around in block swales located near plots 7 and 34. The in block flood near plot 31 has been removed from the block. The in block stream located between plots 21 and 24 will have structure maintained along the feature.

There is a high volume of birch in this block (1123m3). This volume will either be left in the block or harvested and declared by a quota holder.

Maintain WS seed trees in areas of understory protection if possible.

Establish staggered leave areas on south end for highway LOS breaks. Will use existing non-op areas to help establish these LOS breaks. These will be determined at time of harvest.

Cut Block Name: BRW-008	Twp & Rge: t44r28w	Cut Block Size: 29.1 ha
OPERATING AREA: Barrows	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	62	18.6	33	58%	104	3,026
BA	68	17.2	31	30%	54	1,583
WB		15.9	27	10%	18	515
Total HW				98%	176	5,124
WS		12.7	17	2%	4	120
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				2%	4	120
Block Total:					180	5,244

Understory Stems/ha and Distribution					
WS		BS		BF	
67	Clumped				

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type			
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture
08	S10	4	Sand
05	S1	1	Sand
08	S7	4	Sand

Cover Type: H	IBWC Cnt: 2
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,869
SOFTWOOD VOLUME (m3): 114

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Roads	50	Cemetery road located on W/S side. Variable 50 to 100m buffer. Harvest as shown on map.
2	Other	200	Cemetery located on SE corner. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 233 to 349 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Submitted originally on 11/27/01. Remitigated during 2016/18 OP process.
Beaked hazel, rose, alder, mountain maple and raspberry are present in this block.
This block has relatively flat topography.
Block is located on SE/NE27-44-28W which are coded A1.
Incorporate WTP's around alder patch found in the NE side of the block and along in block swale located in the SE corner of the block.
Plot 2 has a high percentage of birch. There is also small volumes of birch throughout the block. The birch in this area (and other high volume birch areas) may be left if no quota holder claims this volume or the birch may be utilized by the community for firewood.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/6/15**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Community concerns mitigated 2012. Do not harvest all blocks in one year.	Agreed. Will show different years for proposed harvest.	<input checked="" type="checkbox"/>
Community concerns mitigated 2012. Do not use cemetery road for haul.	Agreed. Will show different access from east and west.	<input checked="" type="checkbox"/>
Community concerns mitigated 2012. Provide buffer on cemetery and road.	Agreed. Cemetery and road buffered as shown on map.	<input checked="" type="checkbox"/>
Retain majority of WS in windfirm patches for seed source.	Agreed. Smaller diameter wood, should be possible.	<input checked="" type="checkbox"/>
Track volume separate for each FMU.	FMU 14 portion of block has been removed.	<input checked="" type="checkbox"/>

Cut Block Name: BRW-001	Twp & Rge: t44r28w	Cut Block Size: 59.1 ha
OPERATING AREA : Barrows	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	60	19.7	30	92%	165	9,743
BA	59	16.4	29	4%	8	444
WB		16.3	26	4%	7	406
Total HW				100%	179	10,593
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					179	10,593

Understory Stems/ha and Distribution					
WS		BS		BF	
7	Clumped			107	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type			
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture
10	S6	4	Silty Clay
10	S1	1	Clay

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 10,064
SOFTWOOD VOLUME (m3):

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	2
Flood	MFZ
Stream	50

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 473 to 709 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block is on SW,SE27, NE,NW22-44-28 which are coded A1.
Block is relatively flat and uniform - ensure WTP's of varying sizes are maintained to reduce L.O.S.
Areas of BF understory >500 stems/ha and <6m in height are located in the W portion of the block (plots 1 and 2). These areas will be harvested with concentrated clumps of BF being maintained.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2026

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/7/14**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Community concerns mitigated 2012. Do not harvest all blocks in one year.</p> <p>Community concerns mitigated 2012. Do not use cemetery road for haul.</p> <p>Community concerns mitigated 2012. Provide buffer on cemetery and road.</p> <p>Identify features and protection on W side.</p>	<p>Agreed. Will show different years for proposed harvest.</p> <p>Agreed. Will show different access from east and west.</p> <p>Agreed. Cemetery and road buffered as shown on map.</p> <p>Alder dominated floods. MFZ.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Cut Block Name: BRW-004	Twp & Rge: t44r28w	Cut Block Size: 15.4 ha
OPERATING AREA: Barrows	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	66	20.3	39	79%	172	2,639
BA		20.7	35	8%	18	276
WB		14.3	27	7%	16	244
Total HW				94%	206	3,159
WS	104	24.3	51	6%	12	188
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				6%	12	188
Block Total:					218	3,347

Understory Stems/ha and Distribution								
WS		BS		BF				
Eco Land Classification				Soils Summary				
		1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type					05	S1	1	Loam
Eco Site								
Cover Type: H		IBWC Cnt: 0						

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,001
SOFTWOOD VOLUME (m3): 179

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	30	Located on W side. Flag as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 123 to 184 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block was mitigated for the 2001 AOP.
This block is on NW,SW27-44-28 which are coded A1.
A few scattered WS will be harvested.

Cut Block Name: BRW-006	Twp & Rge: t44r28w	Cut Block Size: 28.5 ha
OPERATING AREA: Barrows	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	64	20.7	26	55%	75	2,134
BA	63	20.7	36	39%	53	1,509
WB		18.6	36	5%	7	196
Total HW				99%	135	3,839
WS		30.0	70	1%	1	31
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				1%	1	31
Block Total:					136	3,870

Understory Stems/ha and Distribution						
WS		BS		BF		

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type			
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture
04	S1	1	Sand

Cover Type: H	IBWC Cnt: 2
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,752
SOFTWOOD VOLUME (m3): 30

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	50	Located on E side. Flag as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 228 to 342 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block was mitigated for the 2001 AOP.
This block is on NW,NE,SW27-44-28 which are coded A1.
Snags mainly concentrated along eastern half of the block, maintain within wildlife tree patches where safe to do so.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2026

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/7/14**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Community concerns mitigated 2012. Do not harvest all blocks in one year.</p> <p>Community concerns mitigated 2012. Do not use cemetery road for haul.</p> <p>Community concerns mitigated 2012. Provide buffer on cemetery and road.</p>	<p>Agreed. Will show different years for proposed harvest.</p> <p>Agreed. Will show different access from east and west.</p> <p>Agreed. Cemetery and road buffered as shown on map.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Roads

Barrows

BRW-1A (existing)

Additional Road Development Comments

This road is part of the main access to blocks BRW-001, 004 and 006.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.4	15	6	Frozen	50

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This is an existing trail which will remain open.							

BRW-1B

Additional Road Development Comments

This road accesses block BRW-006 and is part of the access for BRW-001 and 004.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.4	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris. Crossing BRW-C01 will also be removed restricting access.				

BRW-1B-1A

Additional Road Development Comments

This road accesses block BRW-004.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.1	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris.				

BRW-1C

Additional Road Development Comments

This road accesses block BRW-001. Most of it is in block BRW-006.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.1	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris at selected locations in block BRW-006. Selected locations include landings and other areas where debris accumulates. Crossing BRW-C02 will be removed restricting access.					

BRW-5A

Additional Road Development Comments

This road accesses block BRW-009. A highways approach permit will be required.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.1	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris after harvest is complete.					

Phone: --
Fax: --

Crossing Name: BRW-C01		Ownership: LP	
Operating Area:	Barrows	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5855867	UTM Easting:	334821
Stream Type:	Other Watercourse	Land Description:	
Watercourse Name:	N/A	Crossing Inspection Date:	06-September-2001
Channel Width (m):		Stream Assessment Required:	Yes
Water Depth (m):		Stream Assessment Complete:	06 September,2000
Road Name:	BRW-1B		

Site Description:

This proposed crossing is located on an unnamed stream situated within a mixedwood stand.

General Considerations:

Details regarding stream characteristics, fish and invertebrate communities are documented in the following stream assessment summary table for BRW-C01. LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2023"/>	to <input type="text" value="01 July,2024"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

The bridge will be removed and road approaches will be sloped and seeded. Erosion control matting will be placed on top of the seeded area to promote seed germination and help stabilize loose sediment. If required, cross drains will be constructed along the road to allow surface runoff to drain into the adjacent vegetation. Site will be monitored prior to freeze up and again during break up or early summer.

PROPOSED CROSSING BRW-C01

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>

Phone: --
Fax: --

Crossing Name: BRW-C02		Ownership: LP	
Operating Area:	Barrows	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5854639	UTM Easting:	335291
Stream Type:	Other Watercourse	Land Description:	SW27-44-28W
Watercourse Name:	N/A	Crossing Inspection Date:	03-June-2015
Channel Width (m):	N/A	Stream Assessment Required:	
Water Depth (m):	N/A	Stream Assessment Complete:	
Road Name:	BRW-1C		

Site Description:

Crossing is on a thicket swamp with no flow at time of inspection. Area is very hummocky with wet depressions. Substrate is organic. Swamp is approximately 20m wide.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 November,2023"/>	to <input type="text" value="31 March,2024"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

After harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions.

PROPOSED CROSSING BRW-C02



Across



Upstream



Downstream

OPERATING AREA SUMMARY

BIG ROCK

FMU 12

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
RD-02	64.00	-	7,174	2022 C
MF-103	41.10	727	2,911	2022 C

Internal Mitigation Comments

General

Operating Area	Subject	Manitoba	Action/Response
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Big Rock

Site Specific

Block	Subject	Manitoba	Action/Response
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MF-103		Previously mitigated (reviewed in 2018 plan).	
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RD-02		Old mitigation, need to revisit.	
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	Resource Allocations	Update Softwood Allocation.	Agreed.
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	FN/INR/Métis	Omit reference to CIZ.	Agreed.
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PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:	MF-103	Operating Area:	Big Rock	FMU:	12
Cut Block Size (ha):	16.65	Ownership:	Open Crown Land	TWP:	44
				RGE:	25

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	400	366		2,298			766	
VOLUME %	10	10	0	60	0	0	20	0
AVERAGE AGE	91	91		82				
HDWD %	20		SFTWD %		80			
M3/HA	46		M3/HA		184			
HDWD M3	766		SFTWD M3		3,064		TOTAL ALL	
							3,830	

COVER TYPE	V TYPE(S)	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH cm	WS	BS	BF
S	13	2	LS	8			

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:		SOFTWOOD VOLUME:	2,911
CONTINGENCY:	2022	HARDWOOD VOLUME:	728
HARVEST SEASON		SOFTWOOD ALLOCATION:	Quota Holder
<input checked="" type="checkbox"/> ALL SEASON		HARDWOOD ALLOCATION:	LP
<input type="checkbox"/> DRY			
<input type="checkbox"/> FROZEN			

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT		SHELTERWOOD	
<input checked="" type="checkbox"/>	SELECTION		UNDERSTOREY PROTECTION	
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE	
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION	
		<input type="checkbox"/>	DESIGNATED TRAILS	

SLASH ABATEMENT

	WHOLE TREE
	WHOLE TREE / SPREAD
	PILE AND BURN
	WLF DEBRIS PILE
	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Beaver flood	80	East corner of block. Pure WS if no buffer required will cut
		Harvest to flood in along rest of block

LINE OF SIGHT MITIGATION:	Hardwood retention Multi year harvest with small volume
STRUCTURE RETENTION:	above

HARVEST COMMENTS/ISSUES:	Select harvest of softwood This block replaces LL-1 which is now TLE
---------------------------------	---

BLOCK # **MF-103**

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE: **S**

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS			
WS	X		
JP			
TL			
TA	X		
BA	X		

PREF.	ALT.	DRAG	AREA PLANT
		SCALP	
		MOUND	
		TRENCH	
		WINTER RIPPER	
X		OTHER:	Screef

YEAR	SEASON	AREA(HA)

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input type="checkbox"/>	LP
X	QUOTA HOLDER

ROAD CLOSURE POST HARVEST

<input type="checkbox"/>	NONE
X	SLASH & DEBRIS
<input type="checkbox"/>	EARTH BERM
<input type="checkbox"/>	CROSSING REMOVAL
<input type="checkbox"/>	OTHER:

ROAD CLOSURE POST RENEWAL

<input type="checkbox"/>	NONE
<input type="checkbox"/>	SLASH & DEBRIS
<input type="checkbox"/>	EARTH BERM
<input type="checkbox"/>	CROSSING REMOVAL
<input type="checkbox"/>	SITE PREPARATION
<input type="checkbox"/>	OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

X	MQHA
X	MFSRC

EXTERNAL REVIEW

Dec 2008	DATE SUBMITTED TO I.R.M.T.
X	ALL I.R.M.T. CONCERNS MITIGATED

I.R.M.T. CONCERNS & COMMENTS:	MITIGATION STRATEGY:	MITIGATED
Harvest all hardwood within block boundary to facilitate softwood renewal	Harvest all hardwood	X
Contact Sapatoweyak Chief and Council to inform of harvest	MC will inform	X
This is within an ASI. Finish block in one year and plant it, or move harvester elsewhere	Will discuss with quota holder. If harvested will plant to a mixedwood standard	X
Approved in 2003-04 AOP		
Re-approved in 2018-20 OP		



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:	<input type="text" value="RD-02"/>	Operating Area:	Big Rock	FMU:	12
Cut Block Size (ha):	64.00	Ownership:	Open Crown	TWP:	44-45
				RGE:	25

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)					755	6,797		
VOLUME %	0	0	0	0	10	90	0	0
AVERAGE AGE					70	73		
HDWD %	0		SFTWD %		100			
M3/HA	0		M3/HA		118		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="7,552"/>		<input type="text" value="7,552"/>	

COVER TYPE	V TYPE(S)	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH cm	WS	BS	BF
S	24-30	s6-s10	SCL	0-5			

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="7,174"/>
CONTINGENCY:	<input type="text" value="2022"/>	HARDWOOD VOLUME:	<input type="text" value="-"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL/Tembec/PFP
<input checked="" type="checkbox"/> ALL SEASON		HARDWOOD ALLOCATION:	
<input type="checkbox"/> DRY			
<input type="checkbox"/> FROZEN			

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/> CLEARCUT	<input type="text"/>	SHELTERWOOD
<input type="checkbox"/> SELECTION		UNDERSTOREY PROTECTION
<input type="checkbox"/> SEED TREE		AVOIDANCE
<input type="checkbox"/> SALVAGE		<input checked="" type="checkbox"/> PATCH RETENTION
		<input type="text"/>
		DESIGNATED TRAILS

SLASH ABATEMENT

<input type="text"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="text"/>	PILE AND BURN
<input type="text"/>	WLF DEBRIS PILE
<input type="text"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT MITIGATION:

STRUCTURE RETENTION:

HARVEST COMMENTS/ISSUES:

Block runs along a ridge which drops off to small diameter lowland BS which will not be harvested
 This block will only be required if summer wood cannot be accessed elsewhere

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		
WS			
JP	X		
TL			
TA			
BA			

PREF.	ALT.	DRAG	AREA PLAN
X			X
		SCALP	
		MOUND	
		TRENCH	
		WINTER RIPPER	
	X	OTHER:	Screef

YEAR	SEASON	AREA(HA)
	summer	60

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

LP
 QUOTA HOLDER

ROAD CLOSURE POST HARVEST

NONE
 SLASH & DEBRIS
 EARTH BERM
 CROSSING REMOVAL
 OTHER:

ROAD CLOSURE POST RENEWAL

NONE
 SLASH & DEBRIS
 EARTH BERM
 CROSSING REMOVAL
 SITE PREPARATION
 OTHER:

ACCESS COMMENTS:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

MQHA
 MFSRC

EXTERNAL REVIEW

DATE SUBMITTED TO I.R.M.T.
 I.R.M.T. COMMENTS RECEIVED
 I.R.M.T. COMMENTS REVIEWED
 ALL I.R.M.T. CONCERNS MITIGATED Revisit(2020)

I.R.M.T. CONCERNS & COMMENTS:

MITIGATION STRATEGY:

MITIGATED

Confirm lease locations with Mines prior to renewal operations	will do	X
MC to check CIZ status		
Update Softwood Allocation.	Agreed.	
Omit reference to CIZ.	Agreed.	

ROADS

RD 02

Road Class 2

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
3.7	30	8	All Season	1	E

Road Development Comments

No further development is required.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
					X

Road Closure Comments

Additional Comments: This road is an all weather road used by highways to access a gravel pit.

Road Class

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)

Road Development Comments

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None

Road Closure Comments

Additional Comments:

Road Class

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)

Road Development Comments

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None

Road Closure Comments

Additional Comments:



OPERATING AREA SUMMARY

BOWSMAN RIVER

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
BSR-258	36.80	5,582	0	2022
BSR-305	14.52	3,417	0	2022
BSR-306	18.33	2,712	29	2022
BSR-307	36.36	9,362	133	2022
BSR-308	116.14	24,677	1,413	2022
BSR-309	17.34	3,641	0	2022

Cut Block Name: BSR-258	Twp & Rge: t39r27w	Cut Block Size: 36.8 ha
OPERATING AREA: Bowsman River	Ownership: Open Crown	Mapsheet: 340579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	68	19.1	25	38%	57	2,117
BA	83	19.0	26	62%	92	3,400
WB				0%	0	0
Total HW				100%	150	5,517
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					150	5,517

Understory Stems/ha and Distribution								
WS		BS		BF				
11	Clumped							
Eco Land Classification				Soils Summary				
V Type		1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
Eco Site		05	01	03	08	S5	2	Loam
		32			10	S6	2	Loam
Cover Type: H		IBWC Cnt: 1						

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,241
SOFTWOOD VOLUME (m3): 0

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	2	3	4
Roads	MFZ	Leave unmerchantable wood along RM road to create LOS barrier. No skidding to RM road.	
Mineral Lick	50	Sulphur spring located off the NW tip of block. Harvest as shown on map.	
Stream	40-50	Located along W side of block. Harvest as shown on map.	
Other	100	Culturally significant site located in the SE portion of block. Harvest as shown on map.	

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 295 to 442 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Innactive bear bait located in the NW corner of the block. Avoid during harvest.
300 m LOS for elk.
Maintain structure along inblock watercourse located near center of block between plots 1 and 6.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/16/18**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

MFZ for visual barrier on RM road and spur access only

Culturally significant site needs buffer to be 100 m.

300 m LOS for elk

Small unmerchantable wood will be left to create LOS barrier. No skidding to RM road.

There is a culturally significant site in this area and needs to be buffered.

Agreed.

-
-
-

Cut Block Name: BSR-305	Twp & Rge: t38r27w	Cut Block Size: 14.9 ha
OPERATING AREA: Bowsman River	Ownership: Open Crown	Mapsheets: 340579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	74	20.3	26	88%	216	3,222
BA		20.0	26	11%	28	417
WB		12.0	20	1%	2	32
Total HW				100%	246	3,671
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					246	3,671

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
1st			LFH(cm)		
2nd			S-Type		
3rd			Moisture		
V Type			Surface Texture		
Eco Site					
Cover Type: H		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,417
SOFTWOOD VOLUME (m3):

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

0		
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NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 119 to 179 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has moderately hilly topography.

Maintain shrub and treed structure around small open wet areas located in the N, central and south portions of the block.

Keep equipment and debris out of old harvest areas located on the N and SE sides of the block.

Mountain maple and fireweed are present in the block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/7/14**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

	<p>No concerns.</p>
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Cut Block Name: BSR-306	Twp & Rge: t38r28w	Cut Block Size: 18.7 ha
OPERATING AREA : Bowsman River	Ownership: Open Crown	Mapsheet: 340579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	69	20.4	25	62%	98	1,834
BA		20.0	34	4%	6	120
WB		18.3	22	32%	51	955
Total HW				99%	155	2,909
WS		14.0	22	1%	2	38
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				1%	2	38
Block Total:					157	2,947

Understory Stems/ha and Distribution								
WS		BS		BF				
22	Clumped							
Eco Land Classification				Soils Summary				
V Type		1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
Eco Site		05	04		08	S3	2	Silty Sand
		22			10	S3	2	Silty Sand
Cover Type: H		IBWC Cnt: 1						

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,712
SOFTWOOD VOLUME (m3): 29

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	50	Located on W side. Variable 50 to 100m buffer. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **150** to **225** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Beaked hazel and mountain maple are present in the block.
This block has moderately hilly topography.
Maintain shrub and treed structure around small open wet areas located near pfs plot 9, 6 and 3.
Keep existing trails in block free of debris.
There is a high volume of birch in this block (844m3). This volume will either be left in the block or harvested and declared by a quota holder.
Keep equipment and debris out of old harvest areas located on the N and SE sides of block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/7/14**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Identify drainage feature and protection on E side.

Steep terrain. Will harvest to top of slope.

Cut Block Name: BSR-307	Twp & Rge: t39r27w	Cut Block Size: 36.4 ha
OPERATING AREA: Bowsman River	Ownership: Open Crown	Mapsheets: 340579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	76	21.9	28	84%	233	8,468
BA	80	20.1	26	8%	21	773
WB		18.2	22	7%	18	663
Total HW				99%	272	9,904
WS		14.0	22	0%	1	21
BS				0%	0	0
JP				0%	0	0
BF		14.6	23	1%	3	119
Total SW				1%	4	140
Block Total:					276	10,044

Understory Stems/ha and Distribution					
WS		BS		BF	
56	Clumped			206	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	01	06
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture

Cover Type: H	IBWC Cnt: 4
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 9,408
SOFTWOOD VOLUME (m3): 133

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

0		
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NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **291** to **436** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Beaked hazel, mountain maple, alder and rose are present in the block.
This block has hilly topography.
Maintain structure along IBWC's located near plots 5, 13, 15 and 16. These features were all dry seasonal streams when the survey was done. The feature near plot 5 is crossing BSR-C04 and the one near plot 15 is crossing BSR-C11.
Areas of BF understory >500 stems/ha and <6m in height are located in the N portion of the block (plots 16, 17 and 18). These areas will be harvested with concentrated clumps of BF being maintained.
Keep equipment and debris out of old harvest areas located on the N and S sides of block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/7/14**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Identify drainage features and protection around block.

Topography, maybe including a defined drain. Will harvest to top of slope. Will leave approximately 70 to 120m between 307 and 309.

Cut Block Name: BSR-308	Twp & Rge: t39r27w	Cut Block Size: 116.1 ha
OPERATING AREA: Bowsman River	Ownership: Open Crown	Mapsheet: 340579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	76	21.1	26	68%	162	18,775
BA	70	19.6	26	19%	45	5,254
WB		17.2	23	7%	17	1,946
Total HW				95%	224	25,975
WS	80	17.3	30	4%	10	1,124
BS		13.0	17	0%	0	28
JP				0%	0	0
BF		16.0	27	1%	3	335
Total SW				5%	13	1,487
Block Total:					236	27,462

Understory Stems/ha and Distribution					
WS		BS		BF	
131	Clumped	17	Clumped	592	Uniform

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	05	01	08	11	12	22	LFH(cm)	S-Type	Moisture	Surface Texture
							07	S3	1	Silty Sand
							09	S3	1	Loamy Sand
							07	S3	2	Loamy Sand
							11	S2	1	Loamy Sand

Cover Type: H	IBWC Cnt: 2
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 24,677
SOFTWOOD VOLUME (m3): 1,413

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	100	Bowsman River located on W side. Variable 100 to 150m buffer. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **929** to **1,394** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Beaked hazel, mountain maple, alder, rose, raspberry, thistle and blue-joint grass are present in this block.
This block has hilly topography.
Ensure that WTP's of varying sizes are maintained within the E half of the block to mitigate for L.O.S.
Maintain shrub and treed structure around the open wet areas and small clearings found mainly in W side and central part of block.
Maintain structure along IBWC's located near plots 24 and 48. These features are small seasonal streams and/or swales.
Keep existing ATV trail which runs through the block free of debris.
There is a high volume of birch in this block (1849m3). This volume will either be left in the block or harvested and declared by a quota holder.
Keep equipment and debris out of old harvest area located on the N side of block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located throughout the block (20 plots). These areas will be harvested with concentrated clumps of BF being maintained.

Areas of WS understory >500 stems/ha and <6m in height are located in the SW portion of the block (plots 4, 12, 22, 32, 37 and 44). Clumps of understory will be protected in patches.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/7/14**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Identify drainage and protection on E side.</p>	<p>No drainage here. Topography and a different stand structure as leave area to design block separation.</p>
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Cut Block Name: BSR-309	Twp & Rge: t39r27w	Cut Block Size: 17.3 ha
OPERATING AREA: Bowsman River	Ownership: Open Crown	Mapsheets: 340579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	72	21.1	25	88%	195	3,378
BA		19.8	22	5%	11	187
WB		21.5	24	7%	15	268
Total HW				100%	221	3,833
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					221	3,833

Understory Stems/ha and Distribution					
WS		BS		BF	
				38	Clumped

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	05						
Eco Site							

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,641
SOFTWOOD VOLUME (m3):

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

0		
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NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **139** to **208** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has moderately undulating topography.
Beaked hazel and mountain maple are present in the block.
Block is relatively flat and long. Ensure WTP's of varying sizes are maintained within the block to mitigate L.O.S.
Keep equipment and debris out of old harvest areas located on the E side of block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/7/14**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

	<p>No concerns.</p>
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Roads

Bowsman River

BSR-2A (existing)

Additional Road Development Comments

This road accesses blocks BSR-305, 306 and 307 and is part of the access to blocks BSR-308 and 309.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.8	20	8	Dry/Frozen	15

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A berm will be placed at the start of the road. Slash and debris will be spread where available. Most of this road goes through old harvest areas which may not have a lot of debris. Maintain ATV access for renewal purposes.				

BSR-2A-2A

Additional Road Development Comments

This road accesses the north portion of BSR-305.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.0	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris.				

BSR-2B

Additional Road Development Comments

This road goes through BSR-307 to access BSR-309.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.2	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris at selected locations in block BSR-307. Selected locations include landings and other areas where debris accumulates. Maintain ATV access for renewal purposes. Crossings BSR-C04 and C11 will be removed restricting access.				

BSR-2B-1A**Additional Road Development Comments**

This road accesses BSR-308.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.3	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris.				

BSR-7A (existing)**Additional Road Development Comments**

This road accesses BSR-200 and 205.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.4	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BSR-C19 will be removed. This road will be closed with slash and debris in BSR-200.					

BSR-7B (existing)**Additional Road Development Comments**

This road accesses blocks BSR 216, 217, 257, and 259.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.1	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BSR-C01 and BSR-C20 will be removed. Road will be closed with slash and debris in BSR-205.					

BSR-7B-1A (existing)**Additional Road Development Comments**

This road accesses BSR-259.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.6	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris where available.				

BSR-7C (existing)

Additional Road Development Comments

This road accesses BSR-216, 217 and 257.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.7	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris where available.				

BSR-7C-1A

Additional Road Development Comments

This road accesses BSR-216 and 217.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.3	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	BSR-C21 will be removed. Road will be closed with slash and debris in BSR-216 and 217.				

BSR-8A

Additional Road Development Comments

This road accesses BSR-208.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.7	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris a berm will also be established.



Phone: --
Fax: --

Crossing Name: BSR-C04		Ownership: LP	
Operating Area:	Bowsman River	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5798837	UTM Easting:	341403
Stream Type:	Seasonal	Land Description:	NE36-38-28W
Watercourse Name:	N/A	Crossing Inspection Date:	01-August-2013
Channel Width (m):	0.20	Stream Assessment Required:	
Water Depth (m):	0.05	Stream Assessment Complete:	
Road Name:	BSR-2B		

Site Description:

This crossing is a small seasonal stream in a hardwood stand. Substrate is organic and clay with no continuous banks.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2022"/>	to <input type="text" value="01 October,2022"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

Minimum 18" culvert required.
After harvest and/or renewal has been completed the round culvert will be removed and the road approaches will be recontoured to a near natural slope. The area will be seeded with grass and if required erosion control matting or straw mulch will be used to further stabilize the site.

PROPOSED CROSSING BSR-C04

 A top-down photograph of an orange safety helmet with a black chin strap lying on a forest floor. The ground is covered with green plants, brown leaves, and twigs.	<p>Across</p>
 A photograph of an orange safety helmet on a forest floor, viewed from a slightly elevated angle. The helmet is surrounded by green foliage and fallen leaves.	<p>Upstream</p>
 A photograph of an orange safety helmet on a forest floor, viewed from a low angle. The helmet is positioned near a large fallen log and surrounded by dense green vegetation.	<p>Downstream</p>



Phone: --
Fax: --

Crossing Name: BSR-C11		Ownership: LP	
Operating Area:	Bowsman River	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5799563	UTM Easting:	341741
Stream Type:	Other Watercourse	Land Description:	SW5-39-27W
Watercourse Name:	N/A	Crossing Inspection Date:	22-May-2002
Channel Width (m):	N/A	Stream Assessment Required:	
Water Depth (m):	N/A	Stream Assessment Complete:	
Road Name:	BSR-2B		

Site Description:

Existing Log structure. No water at time of inspection. Little to no channel.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:

01 September,2022 to 01 December,2022

Permanent Crossing:

Proposed Install Date:

Crossing Duration: Years

Remove after Renewal Activities:

Installation & Removal Notes:

The existing log crossing may be used. If a new crossing is installed a minimum 12 inch culvert will be required.

This is an existing crossing which may be left in if requested by CWS and/or local users.

If a culvert is used after harvest the culvert will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required straw mulch will be used to further stabilize the area.

PROPOSED CROSSING BSR-C11



Across



Upstream



Downstream

OPERATING AREA SUMMARY

CROSS LAKE

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
CRL-036	41.40	12,083	194	2022 C
CRL-038	8.70	1,306	87	2022 C
CRL-039	7.50	1,593	151	2022 C
CRL-040	38.70	9,847	462	2022 C
CRL-041	34.00	6,636	1,913	2022 C
CRL-061	41.71	8,034	0	2023
CRL-029	11.20	2,240	280	2023 C
CRL-042	23.30	4,660	583	2023 C
CRL-043	47.40	9,480	1,185	2023 C

Cut Block Name: CRL-029	Twp & Rge: t38r28w	Cut Block Size: 11.2 ha
OPERATING AREA: Cross Lake	Ownership: Open Crown	Mapsheet: 330579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
<hr/>						
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<hr/>						
Total SW				0%	0	0
<hr/>						
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary			
V Type	1st 2nd 3rd		LFH(cm)	S-Type	Moisture	Surface Texture
Eco Site						

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,240
SOFTWOOD VOLUME (m3): 280

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Wetland	MFZ-30	Located in between the 2 portions of the block. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 89 to 134 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: CRL-036	Twp & Rge: t38r28w	Cut Block Size: 41.4 ha
OPERATING AREA: Cross Lake	Ownership: Open Crown	Mapsheet: 330579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	63	22.4	29	90%	280	11,592
BA		20.3	23	8%	25	1,019
WB		14.0	16	1%	3	108
Total HW				98%	307	12,719
WS		14.0	24	2%	5	204
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				2%	5	204
Block Total:					312	12,923

Understory Stems/ha and Distribution					
WS		BS		BF	
56	Clumped			56	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	08	
Eco Site	11	22	

LFH(cm)	S-Type	Moisture	Surface Texture
10	S1	0	Loam
06	S3	0	Silty Sand

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 12,083
SOFTWOOD VOLUME (m3): 194

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	MFZ-50m	Located along west boundary. Flag as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 331 to 497 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

300 m LOS for elk.
Prior harvest along the S, N and E sides of the block. Keep logging debris and equipment out of regenerating trees.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2026

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/16/18**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

300 m LOS for elk

Agreed.

Cut Block Name: CRL-038	Twp & Rge: t38r28w	Cut Block Size: 8.7 ha
OPERATING AREA: Cross Lake	Ownership: Open Crown	Mapsheet: 330579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	105	22.2	32	91%	153	1,327
BA		19.0	20	3%	5	47
WB				0%	0	0
Total HW				94%	158	1,374
WS		14.2	24	5%	8	72
BS				0%	0	0
JP				0%	0	0
BF		15.0	34	1%	2	19
Total SW				6%	10	91
Block Total:					168	1,465

Understory Stems/ha and Distribution					
WS		BS		BF	
				250	Clumped

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	08	05		06	S5	2	Sandy Clay Loam
Eco Site	32						

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,306
SOFTWOOD VOLUME (m3): 87

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	2
Flood	Flood
MFZ	MFZ
Located in northwest corner. Harvest as shown on map.	
Located along the E side of block. Harvest as shown on map.	

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 70 to 104 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

300 m LOS for elk.
Prior harvest along the W and NE sides of block. Keep logging debris and equipment out of regenerating trees.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Area of BF understory >500 stems/ha and <6m in height is located in the SE portion of the block (Plot 1). This area will be harvested with concentrated clumps of BF being maintained.
Harvest mature and over mature WS. Leave immature WS for seed trees.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 11/16/2018
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Leave most of the WS in wind firm patches 300 m LOS for elk MFZ on flood in NW corner</p>	<p>Will take any mature or overmature WS but leave the rest for seed trees. Agreed. There is a flood to the east side, so 300 m LOS may not be possible. Agreed.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Cut Block Name: CRL-039	Twp & Rge: t38r28w	Cut Block Size: 7.5 ha
OPERATING AREA: Cross Lake	Ownership: Open Crown	Mapsheets: 330579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	65	18.1	19	84%	207	1,546
BA		18.0	22	3%	7	49
WB		20.0	22	4%	11	82
Total HW				91%	224	1,677
WS		12.0	17	3%	7	51
BS				0%	0	0
JP				0%	0	0
BF		14.0	19	6%	14	107
Total SW				9%	21	158
Block Total:					245	1,835

Understory Stems/ha and Distribution					
WS		BS		BF	
300	Uniform			567	Uniform

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	08		
Eco Site	32		

LFH(cm)	S-Type	Moisture	Surface Texture
06	S6	3	Sandy Clay

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,593
SOFTWOOD VOLUME (m3): 151

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Flood	MFZ	Located along east boundary. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 60 to 90 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Prior harvest along the W and E sides of block. Keep logging debris and equipment out of regenerating trees.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Area of BF understory >500 stems/ha and <6m in height is located in the south-central portion of the block (Plot 3). This area will be harvested with concentrated clumps of BF being maintained.

Area of WS understory >500 stems/ha and <6m in height is located in the south central portion of the block (plot 3). Clumps of understory will be protected in patches.

Harvest mature and over mature WS. Leave immature WS for seed trees.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 11/16/2018
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Discuss design and prescription for these patch harvests
No harvest of juvenile WS
Pre determined trail for high density USP

This is second pass harvest capturing what was not harvested the first time.
Will take any mature or overmature WS but leave the rest for seed trees.
Is mostly BF. Will be protected with patch retention.

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Cut Block Name: CRL-040	Twp & Rge: t38r28w	Cut Block Size: 38.5 ha
OPERATING AREA: Cross Lake	Ownership: Open Crown	Mapsheet: 330579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	63	20.9	28	95%	265	10,207
BA		21.0	26	1%	2	74
WB		16.5	14	0%	1	33
Total HW				96%	268	10,314
WS				0%	0	0
BS	77	18.5	28	3%	8	298
JP				0%	0	0
BF		10.5	24	2%	5	185
Total SW				4%	13	483
Block Total:					280	10,797

Understory Stems/ha and Distribution					
WS		BS		BF	
89	Clumped			322	Clumped

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	LFH(cm)	S-Type	Moisture	Surface Texture						
	05	13	09	04	S10	2	Clay			
	34	22		04	S8	2	Silty Clay			

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 9,847
SOFTWOOD VOLUME (m3): 462

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Feature	Width (m)	Details
1	Flood	MFZ	Located along N side. Harvest as shown on map.
2	Flood	MFZ	Located along west side, Shown on PHS map. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 308 to 462 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Prior harvest along SW and N sides of block. Keep logging debris and equipment out of regenerating trees.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Area of WS understory >500 stems/ha and <6m in height located in the SE portion of the block (plots 5). Clumps of understory will be protected in patches.

Areas of BF understory >500 stems/ha and <6m in height are located in the NW portion of the block (Plots 15&17). These areas will be harvested with concentrated clumps of BF being maintained.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/16/2018**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Retain structure around wetlands
MFZ on floods

There is quite a bit drawn in already.
Will review PHS and add as needed.

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Phone: --
Fax: --

Cut Block Name: CRL-041	Twp & Rge: t38r28w	Cut Block Size: 34.0 ha
OPERATING AREA : Cross Lake	Ownership: Open Crown	Mapsheet: 330579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	69	21.3	29	72%	191	6,487
BA		17.0	44	1%	2	78
WB		21.0	26	5%	12	421
Total HW				78%	206	6,986
WS	78	19.5	33	11%	29	989
BS				0%	0	0
JP				0%	0	0
BF		15.6	19	11%	30	1,024
Total SW				22%	59	2,013
Block Total:					265	8,999

Understory Stems/ha and Distribution					
WS		BS		BF	
56	Clumped			878	Uniform

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	08	13	07
Eco Site	31	51	33

LFH(cm)	S-Type	Moisture	Surface Texture
05	S10	6	Silty Clay
07	S5	2	Clay Loam
06	S6	2	Silty Clay Loam

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 6,636
SOFTWOOD VOLUME (m3): 1,913

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Lake	30-100	Road Lake located along the SW boundary. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 272 to 407 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Prior harvest along NE and SE sides of block. Keep logging debris and equipment out of regenerating trees.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located in the central and SE portions of the block (Plots 1,3,7&9). These areas will be harvested with concentrated clumps of BF maintained.
Will inspect at time of harvest.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/16/2018**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Prefer Maximizing WS seed trees, and avoid planting due to access concerns</p>	<p>The softwood is mostly BF, so it is not likely planting will occur.</p>	<input checked="" type="checkbox"/>
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Phone: --
Fax: --

Cut Block Name: CRL-042	Twp & Rge: t38r28w	Cut Block Size: 23.3 ha
OPERATING AREA: Cross Lake	Ownership: Open Crown	Mapsheet: 330579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type							
Eco Site							

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,660
SOFTWOOD VOLUME (m3): 583

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE	WIDTH (m)	DETAILS
1 Wetland	MFZ-15	Located on the S side. Harvest as shown on map.
2 Wetland	15	Located on the NW side. Harvest as shown on map.

NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 186 to 280 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Phone: --
Fax: --

Cut Block Name: CRL-043	Twp & Rge: t38r28w	Cut Block Size: 47.4 ha
OPERATING AREA: Cross Lake	Ownership: Open Crown	Mapsheet: 330579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type							
Eco Site							

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 9,480
SOFTWOOD VOLUME (m3): 1,185

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

	FEATURE	WIDTH (m)	DETAILS
1	Wetland	MFZ-30	Located on the W central side. Harvest as shown on map.
2	Wetland	30	Located on the NE side. Harvest as shown on map.

NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 379 to 569 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.
Keep existing trail on the W side of block free of debris.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Phone: --
Fax: --

Cut Block Name: CRL-061	Twp & Rge: t38r28w	Cut Block Size: 41.7 ha
OPERATING AREA: Cross Lake	Ownership: Open Crown	Mapsheet: 330579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	62	19.6	24	91%	185	7,727
BA		18.1	23	9%	18	730
WB				0%	0	0
Total HW				100%	203	8,457
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					203	8,457

Understory Stems/ha and Distribution					
WS		BS		BF	
40	Clumped				

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	05			09	S6	2	Silty Clay Loam
Eco Site	32						

Cover Type: H	IBWC Cnt: 4
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 8,034
SOFTWOOD VOLUME (m3): 0

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Mineral Lick	50	Maintain 50 meter buffer on mineral lick located in west part of block. Flag as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 334 to 501 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Maintain structure along IBWC's located in the central and southwest part's of the block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10-29-21**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Roads

Cross Lake

CRL-1A and 1B (existing)

Additional Road Development Comments

This is part of the access to CRL-036, 038, 039, 040, 041, 046, 047 and 048.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
4.0	20	8	Dry/Frozen	5

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Will be left open for future harvest. Will be bermed upon removal of crossings CRL-C10 and 14382802-C1.

CRL-1B-3A and 3B (existing)

Additional Road Development Comments

These roads access CRL-046, 047 and 048.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.1	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CRL-C12 will be removed and roads will be closed with slash and debris where available.				

CRL-1B-3C

Additional Road Development Comments

This road will access CRL-046, 047 and 048.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.5	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CRL-C23 will be removed and road will be closed with slash and debris where available.				

CRL-1B-3D**Additional Road Development Comments**

This road will access CRL-046, 047 and 048.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.6	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and	Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris where available.					

CRL-1B-3E**Additional Road Development Comments**

This road will access CRL-047 and 048.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.4	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and	Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris in CRL-046.					

CRL-1B-3F**Additional Road Development Comments**

This road will access CRL-048.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.4	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and	Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris in CRL-047.					

CRL-1B-5A to 5C (existing)**Additional Road Development Comments**

This road accesses CRL-038, 039, 040 and 041.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.3	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CRL-C14, C15, C16, C17 and C18 will be removed.					

CRL-1B-5C-1A (existing)

Additional Road Development Comments

This road accesses CRL-040 and 041.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.2	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris where available.				

CRL-1B-5C-1B

Additional Road Development Comments

This road will access CRL-040 and 041.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.0	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CRL-C20, C21 and C22 will be removed and road will be closed with slash and debris where available.				

CRL-1B-5D and 5E

Additional Road Development Comments

These roads will access different sections of CRL-039.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.9	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CRL-C19 will be removed.					

CRL-1B-8A

Additional Road Development Comments

This road accesses CRL-029.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.5	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris where available.

CRL-1C (existing)

Additional Road Development Comments

This road accesses CRL-036.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.8	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris.				



Phone: --
Fax: --

Crossing Name: CRL-14382802-C1		Ownership: LP	
Operating Area:	Cross Lake	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5795536	UTM Easting:	333998
Stream Type:	Permanent	Land Description:	NW20-38-28W
Watercourse Name:	N/A	Crossing Inspection Date:	07-June-2018
Channel Width (m):	NA	Stream Assessment Required:	
Water Depth (m):	NA	Stream Assessment Complete:	
Road Name:	CRL-1B		

Site Description:

This proposed crossing was last used in 2014. Large beaver dams located upstream and down stream from proposed crossing location. No fish observed or suspected.

General Considerations:

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2025"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

A minimum 40 foot bridge span required.
 Bridge will be removed. Road approaches will be recontoured and seeded. Erosion control matting may used to further stabilize the site .
 Access will be resticted from truck and ATV use after decommissioning activities are completed.

PROPOSED CROSSING CRL-14382802-C1

 A photograph showing a dirt path crossing a stream. The path is made of loose soil and is flanked by green grass and some weeds. The stream is in the middle ground, and there are trees in the background.	<p>Across</p>
 A photograph of a stream flowing through a grassy field. The water is dark and reflects the sky. There are trees in the background and some driftwood on the banks.	<p>Upstream</p>
 A photograph of a grassy field with a stream in the foreground. The grass is tall and green. There are trees in the background and a piece of driftwood on the left.	<p>Downstream</p>



Phone: --
Fax: --

Crossing Name: CRL-C10		Ownership: LP	
Operating Area:	Cross Lake	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5794256	UTM Easting:	335576
Stream Type:	Other Watercourse	Land Description:	NW16-38-28W
Watercourse Name:	N/A	Crossing Inspection Date:	07-June-2018
Channel Width (m):	NA	Stream Assessment Required:	
Water Depth (m):	NA	Stream Assessment Complete:	
Road Name:	CRL-1A		

Site Description:

This proposed crossing was last used in 2014. This crossing is located on a seasonal swale. Channel banks are discontinuous and substrate composed of organic material. No fish observed or suspected.

General Considerations:

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2025"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

A minimum 18" round culvert is required.
Culvert will be removed and road approaches will be recontoured to near natural conditions. Erosion control measures may be used to further stabilize the site if required.

PROPOSED CROSSING CRL-C10

 A photograph showing a dirt path crossing a small stream. The path is made of loose soil and gravel, and the stream is a shallow, brownish flow of water. The surrounding area is lush with green vegetation and trees.	<p>Across</p>
 A photograph of a stream flowing through a wooded area. The water is a brownish color, and the banks are covered in green grass and shrubs. A large log is visible in the foreground on the right side.	<p>Upstream</p>
 A photograph of a fallen log in a wooded area. The log is large and weathered, lying horizontally across the frame. The surrounding area is filled with green grass and trees.	<p>Downstream</p>



Phone: --
Fax: --

Crossing Name: CRL-C12		Ownership: LP	
Operating Area:	Cross Lake	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5796051	UTM Easting:	334174
Stream Type:	Permanent	Land Description:	SW29-38-26W
Watercourse Name:	N/A	Crossing Inspection Date:	21-May-2015
Channel Width (m):	7.0	Stream Assessment Required:	
Water Depth (m):	N/A	Stream Assessment Complete:	
Road Name:	CRL-1B-1A		

Site Description:

This proposed crossing was previously used in 1999 and 2007. The crossing is situated on a permanent stream. The crossing is now flooded. The downstream dam will be removed to allow crossing. No fish were observed but are suspected to be inhabiting the channel.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

Crossing Lifespan:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2022"/>	to <input type="text" value="01 July,2024"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

Minimum 30 foot portable bridge is required.

After harvesting activities are completed the portable bridge will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required erosion control matting or straw mulch will be used to further stabilize the site.

PROPOSED CROSSING CRL-C12

 A photograph showing a view across a river. In the foreground, there is a grassy bank. The river flows through a wooded area with many bare trees and some evergreens. A small structure is visible in the distance across the water.	<p>Across</p>
 A photograph showing a view upstream. The river is surrounded by a dense forest of bare trees. The water is calm and reflects the sky.	<p>Upstream</p>
 A photograph showing a view downstream. The river is surrounded by a dense forest of bare trees. The water is calm and reflects the sky. There are some fallen branches in the water.	<p>Downstream</p>



FMU 12 & 14 2022 - Proposed Crossings

Phone: --
Fax: --

Crossing Name: CRL-C14		Ownership: LP	
Operating Area:	Cross Lake	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5796103	UTM Easting:	334103
Stream Type:	Other Watercourse	Land Description:	SW29-38-28W
Watercourse Name:	N/A	Crossing Inspection Date:	21-May-2015
Channel Width (m):	0.3	Stream Assessment Required:	
Water Depth (m):	0.05	Stream Assessment Complete:	
Road Name:	CRL-1B-5A		

Site Description:

This crossing is on an existing road. There are alder swales both up and downstream. Substrate is organic/clay.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="text"/>

Installation & Removal Notes:

If a snow and ice crossing is used after harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions. A minimum 12 inch culvert is required.

After harvest the round culvert will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required straw mulch will be used to further stabilize the area.

PROPOSED CROSSING CRL-C14

 A photograph showing a dirt road crossing a small stream. The road is in the foreground, and the stream flows through a wooded area with bare trees and some evergreens in the background.	<p>Across</p>
 A photograph showing a stream flowing through a wooded area. The water is brownish, and the banks are covered with dry grass and bare trees.	<p>Upstream</p>
 A photograph showing a stream flowing through a wooded area. The water is brownish, and the banks are covered with dry grass and bare trees.	<p>Downstream</p>



Phone: --
Fax: --

Crossing Name: CRL-C15		Ownership: LP	
Operating Area:	Cross Lake	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5797283	UTM Easting:	334456
Stream Type:	Other Watercourse	Land Description:	NE29-38-28W
Watercourse Name:	N/A	Crossing Inspection Date:	21-May-2015
Channel Width (m):	0.5	Stream Assessment Required:	
Water Depth (m):	0.2	Stream Assessment Complete:	
Road Name:	CRL-1B-5B		

Site Description:

Crossing is on an existing road. There are alder swales both up and downstream. Substrate is organic/clay.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="text"/>

Installation & Removal Notes:

If a snow and ice crossing is used after harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions. A minimum 12 inch culvert is required.

After harvest the round culvert will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required straw mulch will be used to further stabilize the area.

PROPOSED CROSSING CRL-C15

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>

Phone: --
Fax: --

Crossing Name: CRL-C16		Ownership: LP	
Operating Area:	Cross Lake	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5797366	UTM Easting:	334529
Stream Type:	Other Watercourse	Land Description:	NE29-38-28W
Watercourse Name:	N/A	Crossing Inspection Date:	21-May-2015
Channel Width (m):	0.2	Stream Assessment Required:	
Water Depth (m):	0.05	Stream Assessment Complete:	
Road Name:	CRL-1B-5B		

Site Description:

Crossing is on an existing road. There are alder swales both up and down stream. Very small feature with low flow. Substrate is organic/clay.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="text"/>

Installation & Removal Notes:

If a snow and ice crossing is used after harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions. A minimum 12 inch culvert is required.

After harvest the round culvert will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required straw mulch will be used to further stabilize the area.

PROPOSED CROSSING CRL-C16



Across



Upstream



Downstream

Phone: --
Fax: --

Crossing Name: CRL-C17		Ownership: LP	
Operating Area:	Cross Lake	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5797612	UTM Easting:	334584
Stream Type:	Other Watercourse	Land Description:	SE32-38-28W
Watercourse Name:	N/A	Crossing Inspection Date:	20-May-2015
Channel Width (m):	0.5	Stream Assessment Required:	
Water Depth (m):	0.1	Stream Assessment Complete:	
Road Name:	CRL-1B-5C		

Site Description:

Crossing is on an existing road and is an alder swale both up and downstream. Substrate is organic/clay.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="text"/>

Installation & Removal Notes:

If a snow and ice crossing is used after harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions. A minimum 12 inch culvert is required.

After harvest the round culvert will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required straw mulch will be used to further stabilize the area.

PROPOSED CROSSING CRL-C17

 A photograph showing a view across a stream. The water is calm and reflects the surrounding trees. The banks are muddy and have some green vegetation. A fallen log is visible on the left bank.	<p>Across</p>
 A photograph showing a view upstream. The stream is surrounded by a dense forest of tall, thin trees. The ground is covered with dry grass and some green plants.	<p>Upstream</p>
 A photograph showing a view downstream. The stream is surrounded by a dense forest of tall, thin trees. The ground is covered with dry grass and some green plants. A fallen log is visible in the foreground.	<p>Downstream</p>



Phone: --
Fax: --

Crossing Name: CRL-C18		Ownership: LP	
Operating Area:	Cross Lake	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5797989	UTM Easting:	334615
Stream Type:	Other Watercourse	Land Description:	SE32-38-28W
Watercourse Name:	N/A	Crossing Inspection Date:	20-May-2015
Channel Width (m):	0.4	Stream Assessment Required:	
Water Depth (m):	0.05	Stream Assessment Complete:	
Road Name:	CRL-1B-5C		

Site Description:

Crossing is on and existing road with alder swales both up and downstream. No flow at time of inspection. Substrate is organic/clay.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

Crossing Lifespan:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="text"/>

Installation & Removal Notes:

If a snow and ice crossing is used after harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions. A minimum 12 inch culvert is required.

After harvest the round culvert will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required straw mulch will be used to further stabilize the area.

PROPOSED CROSSING CRL-C18

 A photograph showing a dirt path crossing a small stream. The path is made of loose soil and gravel, and the stream is a narrow channel of water. The surrounding area is a mix of deciduous trees without leaves and evergreen trees.	<p>Across</p>
 A photograph showing a stream flowing through a wooded area. The stream is surrounded by tall grasses and reeds in the foreground. The background is filled with a dense forest of evergreen and deciduous trees.	<p>Upstream</p>
 A photograph showing a stream flowing through a wooded area. The stream is surrounded by tall grasses and reeds in the foreground. The background is filled with a dense forest of evergreen and deciduous trees.	<p>Downstream</p>

Phone: --
Fax: --

Crossing Name: CRL-C19		Ownership: LP	
Operating Area:	Cross Lake	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5798456	UTM Easting:	334815
Stream Type:	Other Watercourse	Land Description:	NE32-38-28W
Watercourse Name:	N/A	Crossing Inspection Date:	20-May-2015
Channel Width (m):	0.4	Stream Assessment Required:	
Water Depth (m):	0.1	Stream Assessment Complete:	
Road Name:	CRL-1B-5D-1A		

Site Description:

Crossing is on an existing road with alder swales both up and downstream. Water flows onto road and flows down road for approximately 50 meters then exits the road. Substrate is organic/clay.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

Crossing Lifespan:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="text"/>

Installation & Removal Notes:

If a snow and ice crossing is used after harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions. A minimum 12 inch culvert is required.

After harvest the round culvert will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required straw mulch will be used to further stabilize the area.

PROPOSED CROSSING CRL-C19

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>

Phone: --
Fax: --

Crossing Name: CRL-C20		Ownership: LP	
Operating Area:	Cross Lake	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5798607	UTM Easting:	334172
Stream Type:	Other Watercourse	Land Description:	NW32-38-28W
Watercourse Name:	N/A	Crossing Inspection Date:	20-May-2015
Channel Width (m):	N/A	Stream Assessment Required:	
Water Depth (m):	N/A	Stream Assessment Complete:	
Road Name:	CRL-1B-5C-1B		

Site Description:

Crossing is on an old in block road which crosses a willow/sedge meadow. Meadow is approximately 20 meters wide at crossing. Substrate is organic.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="text"/>

Installation & Removal Notes:

If a snow and ice crossing is used after harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions. Minimum 12" culvert required. Crossing may require geotextile and fill to cross meadow.

After harvest the round culvert will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required straw mulch will be used to further stabilize the area.

PROPOSED CROSSING CRL-C20

 A photograph showing a view across a stream. The stream is narrow and flows through a dense thicket of tall, thin trees and grasses. The water is dark and reflects the sky. The surrounding vegetation is lush and green, suggesting a spring or summer setting.	<p>Across</p>
 A photograph showing a view upstream. The stream is surrounded by a dense forest of tall, thin trees. The water is dark and flows through the narrow channel. The surrounding vegetation is lush and green, suggesting a spring or summer setting.	<p>Upstream</p>
 A photograph showing a view downstream. The stream is surrounded by a dense forest of tall, thin trees. The water is dark and flows through the narrow channel. The surrounding vegetation is lush and green, suggesting a spring or summer setting.	<p>Downstream</p>

Phone: --
Fax: --

Crossing Name: CRL-C21		Ownership: LP	
Operating Area:	Cross Lake	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5798628	UTM Easting:	333958
Stream Type:	Other Watercourse	Land Description:	NW32-38-28W
Watercourse Name:	N/A	Crossing Inspection Date:	21-May-2015
Channel Width (m):	N/A	Stream Assessment Required:	
Water Depth (m):	N/A	Stream Assessment Complete:	
Road Name:	CRL-1B-5C-1B		

Site Description:

This crossing is on an old in block road. It is a small willow/sedge meadow. It has been caused by the dams at CRL-C22 backing up the water. It is approximately 10 meters wide. Substrate is organic/clay. Crossing may not be required when dams at CRL-C22 are removed.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

Crossing Lifespan:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="text"/>

Installation & Removal Notes:

If a snow and ice crossing is used after harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions. A minimum 12 inch culvert is required.

After harvest the round culvert will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required straw mulch will be used to further stabilize the area.

PROPOSED CROSSING CRL-C21

 A photograph showing a view across a proposed crossing. The foreground is dominated by tall, dry, yellowish-brown grasses and some green grasses. In the background, there is a dense forest of bare trees under a clear blue sky.	<p>Across</p>
 A photograph showing a view upstream. A stream flows through a dense forest of bare trees. A large, fallen log is partially submerged in the water, creating a barrier. The water is dark and reflects the sky.	<p>Upstream</p>
 A photograph showing a view downstream. The stream flows through a dense forest of bare trees. The water is dark and reflects the sky. The foreground is covered in tall, dry grasses and some green grasses.	<p>Downstream</p>



Phone: --
Fax: --

Crossing Name: CRL-C22		Ownership: LP	
Operating Area:	Cross Lake	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5798650	UTM Easting:	334584
Stream Type:	Other Watercourse	Land Description:	NW32-38-28W
Watercourse Name:	N/A	Crossing Inspection Date:	21-May-2015
Channel Width (m):	N/A	Stream Assessment Required:	
Water Depth (m):	N/A	Stream Assessment Complete:	
Road Name:	CRL-1B-5C-1B		

Site Description:

This crossing is on an old in block road which is now flooded. The downstream and upstream dams will be removed to allow access and drain water which is backing up to CRL-C21.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

Crossing Lifespan:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="text"/>

Installation & Removal Notes:

If a snow and ice crossing is used after harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions. A minimum 18 inch culvert is required.

After harvest the round culvert will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required straw mulch will be used to further stabilize the area.

PROPOSED CROSSING CRL-C22

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>

OPERATING AREA SUMMARY

HOMESTEAD CREEK

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
HSC-004	18.60	3,525	130	2022
HSC-005	23.04	4,596	251	2022
HSC-006	51.30	8,676	1,513	2023
HSC-007	51.69	4,014	2,700	2023
HSC-008	37.79	2,157	1,074	2023
HSC-045	17.40	3,183	101	2022
HSC-046	95.70	18,087	670	2022
HSC-047	61.10	11,548	428	2022 C
HSC-023	25.90	5,180	1,036	2023 C
HSC-025	12.00	2,400	480	2023 C
HSC-026	31.20	6,240	1,248	2023 C

Cut Block Name: HSC-004	Twp & Rge: t44r28w	Cut Block Size: 30.2 ha
OPERATING AREA: Homestead	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	82	20.6	32	63%	124	3,739
BA		27.0	49	10%	20	605
WB		17.2	26	21%	41	1,236
Total HW				93%	185	5,580
WS	92	16.0	34	2%	4	122
BS				0%	0	0
JP		15.0	24	4%	8	240
BF		15.0	22	1%	1	37
Total SW				7%	13	399
Block Total:					198	5,979

Understory Stems/ha and Distribution							
WS		BS		BF			
14	Clumped			229	Uniform		
Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	05	15	08	11	S1	0	Loamy Sand
Eco Site	12						
Cover Type:	H		IBWC Cnt:	0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,301
SOFTWOOD VOLUME (m3): 379

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Wetland	15-30	Located at north end of block. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 242 to 363 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Softwood seed trees to be left in windfirm patches when operationally feasible.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located in the central and southern portions of the block (Plots 3 and 9). These areas will be harvested with concentrated clumps of BF being maintained.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/29/21
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Why not access the block on the existing road from the gravel pit instead of HSC-6A-1A? Softwood seed trees should be left in wind firm patches wherever possible.</p>	<p>Due to terrain conditions, will look for alternative access from gravel pit. Softwood seed trees to be left in windfirm patches when operationally feasible.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Cut Block Name: HSC-005	Twp & Rge: t44r28w	Cut Block Size: 23.0 ha
OPERATING AREA: Homestead	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	50	21.5	30	67%	148	3,400
BA		23.7	46	19%	42	966
WB		18.8	27	9%	20	472
Total HW				95%	210	4,838
WS	71	23.3	38	3%	7	162
BS				0%	0	0
JP				0%	0	0
BF		23.0	36	2%	4	102
Total SW				5%	11	264
Block Total:					221	5,102

Understory Stems/ha and Distribution					
WS		BS		BF	
				2220	Uniform

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	05			03	S8	2	Sandy Loam
Eco Site	41						

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,596
SOFTWOOD VOLUME (m3): 251

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Other	150	Cemetery located on N side. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 184 to 276 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Mountain maple and beaked hazel are present in this block.
This block has flat topography.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located in the S portion of the block (Plots 1, 2 and 3). These areas will be harvested with concentrated clumps of BF being maintained.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 11/6/15
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Retain WS in wind firm patches for seed source	Agreed. In patches where possible. There is more spruce in the block than identified in the plan (NE corner of block)	<input checked="" type="checkbox"/>
Community concerns mitigated 2012. Do not harvest all blocks in one year.	Agreed. Will show different years for proposed harvest.	<input checked="" type="checkbox"/>
Community concerns mitigated 2012. Do not use cemetery road for haul.	Agreed. Will show different access from east and west.	<input checked="" type="checkbox"/>
Community concerns mitigated 2012. Provide buffer on cemetery and road.	Agreed. Cemetery and road buffered as shown on map.	<input checked="" type="checkbox"/>
What are harvest plans for SE of block?	Will look at adding area south of 005 along FMU boundry.	<input checked="" type="checkbox"/>
Plan harvest under same mitigation strategy at BRW-002 and 008	Agreed	<input checked="" type="checkbox"/>

Cut Block Name: HSC-006	Twp & Rge: t44r28w	Cut Block Size: 51.3 ha
OPERATING AREA : Homestead	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	81	21.4	39	17%	35	1,790
BA		22.4	46	55%	115	5,877
WB		18.6	35	14%	29	1,465
Total HW				85%	178	9,132
WS	141	23.3	47	6%	12	623
BS				0%	0	0
JP				0%	0	0
BF		15.5	20	9%	19	969
Total SW				15%	31	1,592
Block Total:					209	10,724

Understory Stems/ha and Distribution					
WS		BS		BF	
92	Clumped			1475	Uniform

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	01	08	13
Eco Site	41	32	31

LFH(cm)	S-Type	Moisture	Surface Texture
08	S6	2	Silty Clay
08	S8	5	Silty Sand

Cover Type: H	IBWC Cnt: 1
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 8,676
SOFTWOOD VOLUME (m3): 1,513

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Wetland	MFZ-30	Wetland located along south side of block. Flag as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 410 to 616 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Maintain 10 WLDPs approximately 30-75m from block edge.
Maintain structure along inblock drains located near plots 7 and 20.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE:

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2026

RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located throughout the block (plots 10,12, 14,16,18, 22, 24). These areas will be harvested with concentrated clumps of BF being maintained.

Area of WS understory >500 stem/ha and <6m in height is located in the south central portion of the block (plot 6). Clumps of understory will be protected in patches.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/31/17
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Incorporate WB into WLTP. Need WLDP.</p>	<p>Agreed Agreed</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Cut Block Name: HSC-007	Twp & Rge: t44r28w	Cut Block Size: 47.8 ha
OPERATING AREA: Homestead	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	88	20.0	34	28%	41	1,947
BA		19.5	34	6%	9	425
WB		17.3	25	26%	39	1,853
Total HW				60%	88	4,225
WS	109	20.0	40	5%	8	386
BS				0%	0	0
JP				0%	0	0
BF		15.3	18	35%	51	2,456
Total SW				40%	59	2,842
Block Total:					148	7,067

Understory Stems/ha and Distribution					
WS		BS		BF	
17	Clumped			383	Clumped

Eco Land Classification	1st			2nd			3rd		
	V Type	06	05	13					
	Eco Site	33	34						

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
05	S5	2	Silt Loam
05	S5	2	Silt Loam

Cover Type: N	IBWC Cnt: 1
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,014
SOFTWOOD VOLUME (m3): 2,700

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Flood	MFZ-50	Located in center of block. Flag as shown on map.
2	Flood	MFZ-50	Located along the north and south sides of block. Flag as shown on map.
3	Stream	MFZ-30	Located along west side of block. Flag as show on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 383 to 574 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Maintain 9 WLDPs approximately 30-75m from block edge.
Maintain structure along inblock drain located near plots 9 and 10 in the southwest portion of block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2026

RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located in the north portion of the block (plots 18, 20, 22, and 24). These areas will be harvested with concentrated clumps of BF being maintained.
BF main softwood component, therefore will leave for natural.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/31/17
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Perfer WB used by quota or permit, or left in WLTP. Need USP strategy. Need WLDP.</p>	<p>Agreed. Missed the check box. Will add it. Agreed.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Cut Block Name: HSC-008	Twp & Rge: t44r28w	Cut Block Size: 31.1 ha
OPERATING AREA: Homestead	Ownership: Open Crown	Mapsheets: 330585
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	73	23.5	26	7%	8	247
BA	99	20.4	30	18%	19	600
WB		18.4	27	42%	46	1,424
Total HW				67%	73	2,271
WS		20.3	44	8%	9	288
BS				0%	0	0
JP				0%	0	0
BF		16.2	25	25%	27	842
Total SW				33%	36	1,130
Block Total:					109	3,401

Understory Stems/ha and Distribution							
WS		BS		BF			
				343	Clumped		

Eco Land Classification	1st			2nd			3rd		
	V Type	05	08	13					
	Eco Site	34	33						

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
05	S5	2	Silt Loam
06	S5	2	Silt Loam

Cover Type: N	IBWC Cnt: 1
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,157
SOFTWOOD VOLUME (m3): 1,074

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Flood	MFZ-100	Located along the north side of block. Flag as shown on map.
2	Stream	20-50	Located on west side of block. Flag as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 249 to 373 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Maintain structure along inblock drain located in east portion of block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2026

RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located in the west and east portions of the block (plots 3 and 5). These areas will be harvested with concentrated clumps of BF being maintained.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/31/17
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>High percentage of WB, must be used by quota or block shouldn't be cut. What is harvest limitation to south? What is access and crossing plan between in block corridors?</p>	<p>Agreed. Possible biomass block, community sale, etc. Possible to add the area if mature timber and not limited by topography. Will provide with WP once the access is walked.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Cut Block Name: HSC-023	Twp & Rge: t44r27w	Cut Block Size: 25.9 ha
OPERATING AREA: Homestead	Ownership: Open Crown	Mapsheet: 340585
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type							
Eco Site							

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,180
SOFTWOOD VOLUME (m3): 1,036

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE	WIDTH (m)	DETAILS
1 Stream	MFZ-30	Stream./wetland complex located on the E side. Harvest as shown on map.
2 River	50-75	Rice River located on the W side. Harvest as shown on map.

NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 207 to 310 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: HSC-025	Twp & Rge: t44r27w	Cut Block Size: 12.0 ha
OPERATING AREA: Homestead	Ownership: Open Crown	Mapsheet: 340585
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
			1st	2nd	3rd
V Type			LFH(cm)	S-Type	Moisture
Eco Site			Surface	Texture	
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,400
SOFTWOOD VOLUME (m3): 480

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

0			
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NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 96 to 143 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: HSC-045	Twp & Rge: t44r27w	Cut Block Size: 17.4 ha
OPERATING AREA: Homestead	Ownership: Open Crown	Mapsheets: 340585
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	80	21.1	33	49%	97	1,683
BA		22.0	36	26%	52	905
WB		18.0	29	22%	44	763
Total HW				97%	192	3,351
WS				0%	0	0
BS	123	17.0	22	3%	6	109
JP				0%	0	0
BF				0%	0	0
Total SW				3%	6	109
Block Total:					198	3,460

Understory Stems/ha and Distribution					
WS		BS		BF	
				200	Clumped

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	05	09		22	S5	2	Silt Loam
Eco Site	33						

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,183
SOFTWOOD VOLUME (m3): 101

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	50	Located along West boundary. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 140 to 209 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Prior harvest on the South edge of block. Keep logging debris and equipment out of regenerating trees.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/31/21**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: HSC-046	Twp & Rge: t44r27w	Cut Block Size: 103.1 ha
OPERATING AREA: Homestead	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	78	24.0	36	56%	172	17,706
BA		24.4	41	7%	20	2,056
WB		18.8	24	13%	40	4,131
Total HW				76%	232	23,893
WS	99	20.2	32	14%	42	4,323
BS				0%	0	0
JP		23.3	30	1%	2	165
BF		15.4	21	10%	30	3,111
Total SW				24%	74	7,599
Block Total:					306	31,492

Understory Stems/ha and Distribution							
WS		BS		BF			
54	Clumped			383	Uniform		
Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	08	09	07	08	S4	2	Silt
Eco Site			23				
Cover Type: H		IBWC Cnt: 4					

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 22,698
SOFTWOOD VOLUME (m3): 7,220

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	50-150	Homestead Creek located along West boundary. Harvest as shown on map.
2	Stream	30-100	Located along East boundary. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 824 to 1,237 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Maintain structure along IBWC's near plots 5,12, 24, 27, 31 and 40.
Softwood seed trees to be left in windfirm patches when operationally feasible.
Prior harvest on the South edge of block. Keep logging debris and equipment out of regenerating trees.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are located in the SE portion of the block (plot 5). Clumps of understory will be protected in patches.

Areas of BF understory >500 stems/ha and <6m in height are located in the north and south portions of the block (Plots 9, 11, 13, 17, 37, 39, and 41). These areas will be harvested with concentrated clumps of BF being maintained.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/29/21**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Softwood seed trees should be left in wind firm patches wherever possible.

Softwood seed trees to be left in windfirm patches when operationally feasible.

Cut Block Name: HSC-047	Twp & Rge: t44r27w	Cut Block Size: 102.5 ha
OPERATING AREA: Homestead	Ownership: Open Crown	Mapsheet: 340585
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	85	24.3	42	48%	106	10,884
BA		22.5	42	3%	6	621
WB		18.1	28	13%	28	2,910
Total HW				64%	141	14,415
WS	93	19.6	33	33%	73	7,488
BS				0%	0	0
JP				0%	0	0
BF		21.0	24	3%	6	584
Total SW				36%	79	8,072
Block Total:					219	22,487

Understory Stems/ha and Distribution					
WS		BS		BF	
22	Clumped			26	Clumped

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	LFH(cm)	S-Type	Moisture	Surface Texture						
	08	13	05	10	S6	1	Sandy Clay Loam			
	33									

Cover Type: N	IBWC Cnt: 8
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 13,694
SOFTWOOD VOLUME (m3): 7,667

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	MFZ-30	Located along East boundary. Harvest as shown on map.
2	Stream	75-200	Located along West boundary. Harvest as shown on map.
3	Wetland	30	Located in the centre of Eastern portion of block. Harvest as shown on map.
4	Stream	30	Located along NW tip of block. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 820 to 1,230 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Maintain structure along IBWC's near plots 5, 9, 11, 18, 24, 29, 40, and 43.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: N

RENEWAL ACCESS

<input checked="" type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2022	Sp	WS	1600	34920

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Main softwood areas being planted so ensure ATV access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

<input checked="" type="checkbox"/>	PLANNING
<input checked="" type="checkbox"/>	WILDLIFE
<input checked="" type="checkbox"/>	SILVICULTURE

EXTERNAL REVIEW

<input checked="" type="checkbox"/>	SUBMITTED TO IRMT on 10/29/21
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Missing much of the planting info.
Minimal access to be left for planting. See Operating Area General Comment about planting a

Planting info is provided by MFSRC in prescription.

Roads

Homestead Creek

HSC-1A (existing)

Additional Road Development Comments

This road is part of the access to HSC-018. It was used in 2019.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.9	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The first portion of this road (approx 500m) will remain open. The road will be closed with debris at selected locations past this point. ATV access is required for surveys.				

HSC-1A-1A (existing)

Additional Road Development Comments

This road accesses block HSC-018.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.5	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris at selected locations in cutover before block. Selected locations include landings and other areas where debris accumulates. ATV access is required for surveys.				

HSC-4A (existing)

Additional Road Development Comments

This road accesses HSC-045, 046 and 047.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.0	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The part of the road that existing rail bed and will remain open. Other section will be closed with slash and debris where available and HSC-050 will be removed.				

HSC-4A-1A (existing)**Additional Road Development Comments**

This road accesses HSC-045 and 046

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
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0.7	20	8	Dry/Frozen	
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Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	This road is existing rail bed and will remain open.					

HSC-4A-1B (existing)**Additional Road Development Comments**

This road accesses HSC-045 and 046.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
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1.8	20	8	Dry/Frozen	1
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Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Road will be closed in HSC-045 with slash and debris. Remainder of road will be closed with slash and debris where available. HSC-C01 and C02 will be removed.				

HSC-4B to 4C**Additional Road Development Comments**

This road accesses HSC-047

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
------------------	---------------	------------------------	---------------	------------------------

1.1	20	8	Dry/frozen	1
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Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris where available.				

HSC-4C-1A**Additional Road Development Comments**

This road will access HSC-047.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
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1.1	20	8	Dry/Frozen	1
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Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris where available.

HSC-6A-1A (existing)

Additional Road Development Comments

This road accesses HSC-004.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.8	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This is an existing trail, ATV access will be maintained. Earth berm will be placed at the junction of HSC-6A and HSC-6A-1A.

HSC-6B-1A

Additional Road Development Comments

This road accesses HSC-006, HSC-007, and HSC-008.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.6	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Road will be closed with slash and debris in HSC-006 and HSC-007.

Roads

Homestead Creek(BRW)

HSC-6A and 6B (existing)

Additional Road Development Comments

These roads access block HSC-005 and are part of the access to blocks BRW-002 and 008.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.9	15	6	Frozen	50

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This is an existing trail which will remain open.							

HSC-6C and 6D

Additional Road Development Comments

These roads access blocks BRW-002 and 008.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.8	15	6	Frozen	

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	These roads will be closed with debris at selected locations in block HSC-005 and BRW-002. Selected locations include landings and other areas where debris accumulates.				



FMU 12 & 14 2022 - Proposed Crossings

Phone: --
Fax: --

Crossing Name: HSC-C05		Ownership: LP
Operating Area:	Homestead	Contingency Crossing: <input type="checkbox"/>
UTM Northing:	5853140	UTM Easting: 340407
Stream Type:	Seasonal	Land Description: SE19-44-27W
Watercourse Name:	N/A	Crossing Inspection Date:
Channel Width (m):		Stream Assessment Required:
Water Depth (m):		Stream Assessment Complete:
Road Name:	HSC-4C-1A	

Site Description:

Crossing photo and details will be supplied prior to work permit application.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:



Phone: --
Fax: --

Crossing Name: HSC-C10		Ownership: LP	
Operating Area:	Homestead	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	337203	UTM Easting:	5854481
Stream Type:	Permanent	Land Description:	SE-26-44-28
Watercourse Name:	N/A	Crossing Inspection Date:	24-May-2016
Channel Width (m):	3.0	Stream Assessment Required:	
Water Depth (m):	1.5	Stream Assessment Complete:	
Road Name:	HSC-6B		

Site Description:

This proposed crossing is located on a permanent stream. The substrate is composed of cobble, gravel and silt. No fish were observed at time of inspection. This crossing is located in a buffer/leave area of an old cutover and is not the original point of crossing.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:

to

Permanent Crossing:

Proposed Install Date:

Crossing Duration: Years

Remove after Renewal Activities:

Installation & Removal Notes:

After harvesting activities are completed the portable bridge will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required erosion control matting or straw mulch will be used to further stabilize the site. A minimum 30ft bridge will be required.

PROPOSED CROSSING HSC-C10



Across



Upstream



Downstream

OPERATING AREA SUMMARY

MAFEKING EAST

FMU 12

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
BJ-13	10.50	0	1,055	2022 C
MFE-050	44.44	4,905	1,879	2022 C



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:	<input type="text" value="BJ-13"/>	Operating Area:	Mafeking East	FMU:	12
Cut Block Size (ha):	<input type="text" value="10.5"/>	Ownership:	Open Crown Land	TWP:	42
				RGE:	25

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)					1,111			
VOLUME %	0	0	0	0	100	0	0	0
AVERAGE AGE					85			
HDWD %	0			SFTWD %	100			
M3/HA	0			M3/HA	106			
HDWD M3	<input type="text" value="-"/>			SFTWD M3	<input type="text" value="1,111"/>	<input type="text" value="1,111"/>		

COVER TYPE	V TYPE(S)	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH cm	WS	BS	BF
S	32						

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR: <input style="width: 80px;" type="text"/>	SOFTWOOD VOLUME: <input style="width: 80px;" type="text" value="1,055"/>
CONTINGENCY: <input style="width: 80px;" type="text" value="2022"/>	HARDWOOD VOLUME: <input style="width: 80px;" type="text" value="-"/>

HARVEST SEASON	SOFTWOOD ALLOCATION: Beaudry
<input type="checkbox"/> ALL SEASON	HARDWOOD ALLOCATION:
<input type="checkbox"/> DRY	
<input checked="" type="checkbox"/> FROZEN	

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input checked="" type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT MITIGATION:

STRUCTURE RETENTION:

HARVEST COMMENTS/ISSUES:

Trapper trail to be left unobstructed of logging debris
Multi year harvest approx 49 m3 annual quota

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X	X	
WS			
JP			
TL			
TA			
BA			

PREF. ALT.

PREF.	ALT.	DRAG	AREA PLANT
		SCALP	
		MOUND	
		TRENCH	
		WINTER RIPPER	
X		OTHER:	<input type="text" value="Screef"/>

YEAR	SEASON	AREA(HA)

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
		BS	2000	

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Regeneration survey to be completed 7 yrs following harvest.
Number of seedlings planted dependent on area cut.

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input type="text" value="X"/>	LP QUOTA HOLDER
--------------------------------	--------------------

ROAD CLOSURE POST HARVEST

<input checked="" type="checkbox"/>	NONE
<input type="checkbox"/>	SLASH & DEBRIS
<input type="checkbox"/>	EARTH BERM
<input type="checkbox"/>	CROSSING REMOVAL
<input type="checkbox"/>	OTHER:
	<input type="text"/>

ROAD CLOSURE POST RENEWAL

<input type="checkbox"/>	NONE
<input type="checkbox"/>	SLASH & DEBRIS
<input type="checkbox"/>	EARTH BERM
<input type="checkbox"/>	CROSSING REMOVAL
<input type="checkbox"/>	SITE PREPARATION
<input type="checkbox"/>	OTHER:
	<input type="text"/>

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

<input checked="" type="checkbox"/>	MQHA
<input checked="" type="checkbox"/>	MFSRC

EXTERNAL REVIEW

<input type="text" value="Dec 2008"/>	DATE SUBMITTED TO I.R.M.T.
<input checked="" type="checkbox"/>	ALL I.R.M.T. CONCERNS MITIGATED

I.R.M.T. CONCERNS & COMMENTS:

MITIGATION STRATEGY:

MITIGATED

No concerns		
Approved in 2003-04 AOP		
Re-approved in 2018-20 OP		

ROADS

Mafeking East

BJ-13A Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.9	20	6	Frozen	10	E

Road Development Comments

Road access to BJ-13.

ROAD DEACTIVATION PLAN

Road Closure Responsibility
M. Beaudry

	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Post Harvest					X	
Post Renewal						

Road Closure Comments

Allow ATV access for local trappers.

Additional Comments: BJ-13-1A existing road, upgrade to allow access for logging.

Road Class

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)

Road Development Comments

ROAD DEACTIVATION PLAN

Road Closure Responsibility

	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Post Harvest						
Post Renewal						

Road Closure Comments

Additional Comments:

Road Class

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)

Road Development Comments

ROAD DEACTIVATION PLAN

Road Closure Responsibility

	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Post Harvest						
Post Renewal						

Road Closure Comments

Additional Comments:





Phone: --
Fax: --

Cut Block Name: MFE-050	Twp & Rge: t42r26w	Cut Block Size: 44.4 ha
OPERATING AREA: Mafeking East	Ownership: Open Crown	Mapsheets: 350583
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	93	21.5	42	34%	54	2,396
BA		20.1	42	39%	62	2,768
WB				0%	0	0
Total HW				72%	116	5,164
WS	99	18.4	33	20%	32	1,426
BS				0%	0	0
JP				0%	0	0
BF		16.8	23	8%	12	552
Total SW				28%	45	1,978
Block Total:					161	7,142

Understory Stems/ha and Distribution					
WS		BS		BF	
30	Clumped			50	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	01	05	13
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture

Cover Type: N	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,905
SOFTWOOD VOLUME (m3): 1,879

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Flood	MFZ	Located in NE section of block. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 356 to 533 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

No soils information as PHS crew stated block was too wet for soil pit.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Will visit the block at time of harvest to determine if renewal is required.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 11/15/17
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Frozen only harvest.</p>	<p>Agreed.</p>
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Roads

Mafeking East

MFE-1A (existing)

Additional Road Development Comments

This is part of the access to block MFE-050.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.9	15	6	Frozen	50

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	This is an existing road which accesses the hydro line and will remain open.					

MFE-1A-1A (existing)

Additional Road Development Comments

This road accesses the southern portion of block MFE-050.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.0	15	6	Frozen	100

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	This road follows the hydro line and will remain open.					

MFE-1B

Additional Road Development Comments

This road accesses block MFE-050.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.4	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris.				

Phone: --
Fax: --

Crossing Name: MFE-C01		Ownership: LP	
Operating Area:	Mafeking East	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5835038	UTM Easting:	358488
Stream Type:	Other Watercourse	Land Description:	NE26-42-26W
Watercourse Name:	N/A	Crossing Inspection Date:	31-May-2016
Channel Width (m):	2.0	Stream Assessment Required:	
Water Depth (m):	1.0	Stream Assessment Complete:	
Road Name:	MFE-1A		

Site Description:

This crossing is a flooded ditch from the abandoned railway line. If dam is accessible it may be removed.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2022"/>	to <input type="text" value="31 March,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

After harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions.

PROPOSED CROSSING MFE-C01

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>

Cut Block Name: MFW-025	Twp & Rge: t43r26w	Cut Block Size: 89.5 ha
OPERATING AREA: Mafeking West	Ownership: Open Crown	Mapsheet: 350583
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
<hr/>						
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<hr/>						
Total SW				0%	0	0
<hr/>						
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
<hr/>					
Eco Land Classification			Soils Summary		
			1st	2nd	3rd
V Type Eco Site			LFH(cm) S-Type Moisture Surface Texture		
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **LP**
SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **15,663**
SOFTWOOD VOLUME (m3): **2,238**

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Wetland	MFZ-30	Located in the center of the block. Harvest as shown on map.
2	Stream	30-75	Located on W, E and N sides. Harvest as shown on map.
3	Wetland	30	Located on the S side. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **716** to **1,074** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

--	--

Cut Block Name: MFW-026	Twp & Rge: t43r26w	Cut Block Size: 17.8 ha
OPERATING AREA: Mafeking West	Ownership: Open Crown	Mapsheet: 350583
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
			1st	2nd	3rd
V Type			LFH(cm)	S-Type	Moisture
Eco Site			Surface	Texture	
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LPL
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,115
SOFTWOOD VOLUME (m3): 445

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Wetland	MFZ-30	Located on the W side. Harvest as shown on map.
2	Wetland	MFZ	Located on the E side. Harvest as shown on map.
3	Stream	30-75	Located on the N side. Harvest as shown on map.
4	Stream	15-50	Located on the S side. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 143 to 214 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: MFW-027	Twp & Rge: t43r26w	Cut Block Size: 32.2 ha
OPERATING AREA: Mafeking West	Ownership: Open Crown	Mapsheet: 350583
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW						
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW						
Block Total						
					0	0

Understory Stems/ha and Distribution					
WS	BS	BF			
Eco Land Classification			Soils Summary		
			1st	2nd	3rd
V Type					
Eco Site					
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,639
SOFTWOOD VOLUME (m3): 806

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Wetland	MFZ-50	Wetland/stream complex located on the NE side. Harvest as shown on map.
2	Wetland	MFZ-15	Located on the S/SE side. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 258 to 387 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Phone: --
Fax: --

Cut Block Name: MFW-029	Twp & Rge: t43r26w	Cut Block Size: 16.1 ha
OPERATING AREA: Mafeking West	Ownership: Open Crown	Mapsheet: 350583
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type							
Eco Site							

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION LP
SOFTWOOD ALLOCATION SPL

HARDWOOD VOLUME (m3): 2,818
SOFTWOOD VOLUME (m3): 403

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE	WIDTH (m)	DETAILS
0		

NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 129 to 193 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: MFW-050	Twp & Rge: t43r26w	Cut Block Size: 33.1 ha
OPERATING AREA: Mafeking West	Ownership: Open Crown	Mapsheet: 350583
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
			1st	2nd	3rd
V Type					
Eco Site					
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LPL
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,793
SOFTWOOD VOLUME (m3): 828

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	50-75	Located on the E side. Harvest as shown on map.
2	Stream	15	Located on the W side. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 265 to 397 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Roads

Mafeking West

MFW-1A and 1B (existing)					Additional Road Development Comments						
Road Development:					These roads are part of the access to blocks MFW-014 to 017.						
Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)							
6.4	20	8	Dry/Frozen	50							
Road Deactivation:					Additional Road Closure Comments						
Road Closure Responsibility				Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	
LP	Post-Harvest			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	These are existing roads which will remain open. Crossing MFW-14432802-C1 will be removed.
	Post-Renewal			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

MFW-1A-1A-1A					Additional Road Development Comments						
Road Development:					This road accesses block MFW-102.						
Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)							
2.7	20	8	Dry/Frozen	1							
Road Deactivation:					Additional Road Closure Comments						
Road Closure Responsibility				Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	
LP	Post-Harvest			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Road will be closed with slash and debris where available in the old harvest area (MF-14A). There may not be much debris available in this old cutover. It will also be closed on the east side Mafeking Creek.
	Post-Renewal			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

MFW-1C (existing)					Additional Road Development Comments						
Road Development:					This road accesses blocks MFW-014 to 016 and is part of the access to MFW-017.						
Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)							
2.0	20	8	Dry/Frozen	20							
Road Deactivation:					Additional Road Closure Comments						
Road Closure Responsibility				Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	
LP	Post-Harvest			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This is an existing road which will remain open. It is also part of the Snowman trail system. Crossing MFW-C02 will be removed.
	Post-Renewal			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

MFW-1C-1A

Additional Road Development Comments

This road accesses block MFW-017. Most of this road is in block MFW-015.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.7	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris at selected locations in block MFW-015. Selected locations include landings and other areas where debris accumulates. Crossing MFW-C01 will be removed.				

MFW-3A

Additional Road Development Comments

Road access to MFW-102.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.7	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Road will be closed with slash/debris and berm will be placed at the start of the road.



Phone: --
Fax: --

Crossing Name: MFW-C03		Ownership: LP	
Operating Area:	Mafeking West	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5840789	UTM Easting:	356122
Stream Type:	Permanent	Land Description:	SW14-43-26W
Watercourse Name:	Campbell Creek	Crossing Inspection Date:	09-June-2016
Channel Width (m):	1.0	Stream Assessment Required:	
Water Depth (m):	0.2	Stream Assessment Complete:	
Road Name:	MFW-1A-1A		

Site Description:

Permanent stream with an existing railroad tie crossing. Stream is flooded upstream of the bridge. Banks are approximately 1m. Substrate is rock/cobble/gravel/sand/silt. Bridge and dam will need to be removed. Will consult with Sustainable Development and Mafeking community if bridge should be replaced.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

Crossing Lifespan:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="text"/>

Installation & Removal Notes:

A minimum 30 foot portable bridge is required if used.

If a portable bridge is used after harvesting activities are completed the portable bridge will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required erosion control matting or straw mulch will be used to further stabilize the site.

After harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions.

PROPOSED CROSSING MFW-C03



Across



Upstream



Downstream



Phone: --
Fax: --

Crossing Name: MFW-C05		Ownership: LP	
Operating Area:	Mafeking West	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5838570	UTM Easting:	354302
Stream Type:	Seasonal	Land Description:	NW3-43-26W
Watercourse Name:	N/A	Crossing Inspection Date:	13-June-2016
Channel Width (m):	0.7	Stream Assessment Required:	
Water Depth (m):	0.1	Stream Assessment Complete:	
Road Name:	MFW-1A-1B		

Site Description:

Crossing is on seasonal stream on an old road in a hardwood stand. The substrate is rock/cobble/gravel/sand/silt with good flow at the time of the inspection. Banks are approximately 2 meters high at crossing.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2023"/>	to <input type="text" value="01 July,2024"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

A minimum 30ft portable bridge is required.
After harvesting activities are completed the portable bridge will be removed and the road approaches will be recontoured to a near natural condition. The area may be seeded with grass and if required erosion control matting or straw mulch will be used to further stabilize the site.

PROPOSED CROSSING MFW-C05

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>

OPERATING AREA SUMMARY

NATIONAL MILLS

FMU 12

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
NLM-005	35.30	2,596	472	2022
NLM-006	37.60	2,229	1,153	2022
NLM-007	39.10	2,119	89	2022
NLM-008	24.22	2,084	102	2022
NLM-143	8.31	1,300	0	2022
NLM-144	26.52	3,550	178	2022
NLM-204	25.51	2,692	184	2022
NLM-230	23.01	3,348	524	2022 C
NLM-231	33.93	5,475	221	2022 C
NLM-232	42.34	7,268	546	2022 C
NLM-233	34.78	3,103	1,567	2022 C
NLM-002	24.04			2023
NLM-003	28.75	3,632	121	2023
NLM-004	60.11			2023
NLM-131	12.81	2,867	84	2023
NLM-148	23.77	7,986	477	2023
NLM-142	68.60	8,209	684	2023 C
NLM-145	165.40	19,852	1,654	2023 C
NLM-146	78.60	9,432	786	2023 C
NLM-147	74.60	8,950	746	2023 C



Phone: --
Fax: --

Cut Block Name: NLM-002	Twp & Rge: t44r29w	Cut Block Size: 24.0 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
1st 2nd 3rd			LFH(cm)	S-Type	Moisture
V Type					
Eco Site					
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL/Tembec

HARDWOOD VOLUME (m3):
SOFTWOOD VOLUME (m3):

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

0		
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NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 192 to 288 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE:

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: NLM-003	Twp & Rge: t44r29w	Cut Block Size: 28.8 ha
OPERATING AREA : National Mills	Ownership: Open Crown	Mapsheet: 320585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	75	21.5	32	62%	86	2,468
BA		19.0	22	10%	14	396
WB		17.2	25	24%	33	959
Total HW				97%	133	3,823
WS		16.8	32	2%	3	90
BS		16.0	14	0%	0	3
JP				0%	0	0
BF	50	16.0	16	1%	1	35
Total SW				3%	4	128
Block Total:					137	3,951

Understory Stems/ha and Distribution					
WS		BS		BF	
33	Clumped			225	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type			
Eco Site			

Soils Summary	
LFH(cm)	S-Type

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,632
SOFTWOOD VOLUME (m3): 121

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	30-75	Located on east side of block. Flag as shown on map.
2	Stream	30-75	Located on north side of block. Flag as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 230 to 345 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2029

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/29/21**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: NLM-004	Twp & Rge: t44r29w	Cut Block Size: 60.1 ha
OPERATING AREA : National Mills	Ownership: Open Crown	Mapsheets: 320585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
1st 2nd 3rd			LFH(cm)	S-Type	Moisture
V Type					
Eco Site					
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3):
SOFTWOOD VOLUME (m3):

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

0		
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NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 481 to 721 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE:

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: NLM-005	Twp & Rge: t45r28w	Cut Block Size: 35.3 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		20.3	25	20%	18	640
BA		20.2	35	64%	58	2,053
WB		13.0	36	1%	1	40
Total HW				85%	77	2,733
WS		20.3	37	15%	14	497
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				15%	14	497
Block Total:					92	3,230

Understory Stems/ha and Distribution					
WS		BS		BF	
150	Clumped				

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	01	20
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture
20	S1	2	Clay Loam

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,596
SOFTWOOD VOLUME (m3): 472

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Flood	MFZ	Located on E side. Structure will be maintained. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 282 to 424 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has been changed due to flooding and poor volumes. The original size was 53.2 ha's. The small patches to the north may not be harvested.
Beaked Hazel, Prickly Rose, Raspberry and Blue-joint grass are present in this block.
This block has flat topography.
This block is on SE,NE6, SW,NW5, SE7 and SW8-45-28 which are all coded A1.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/6/15**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Snow and ice crossings to access to each harvest patch.
Need WLDP.

Agreed will notify district when establishing.
Cutblock too small.

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-

Cut Block Name: NLM-006	Twp & Rge: t44r28w	Cut Block Size: 37.6 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	91	20.0	37	35%	35	1,300
BA		20.0	29	7%	7	264
WB		17.4	33	22%	21	799
Total HW				65%	63	2,363
WS	103	21.5	31	34%	34	1,263
BS				0%	0	0
JP				0%	0	0
BF		14.0	30	1%	1	37
Total SW				35%	35	1,300
Block Total:					97	3,663

Understory Stems/ha and Distribution							
WS		BS		BF			
64	Clumped						

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	LFH(cm)	S-Type	Moisture	Surface Texture						
	03	08	05	11	S4	2	Silt Loam			
	51	11		16	S10	2	Sandy Clay Loam			
				06	S10	2	Sandy Clay			

Cover Type: N	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,229
SOFTWOOD VOLUME (m3): 1,153

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Flood	MFZ	Located on W side. Structure will be maintained. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 301 to 451 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has been changed due to flooding and poor volumes. The original size was 48.4 ha's.
Beaked Hazel, mountain maple and prickly rose are present in this block.
This block has flat topography.
This block is on the SE,NE,NW31-44-29 and SE,SW6-45-29 which are all coded A1.
Maintain a max of 9 WDP's approximately 30-70 m from block edge and where possible adjacent to swd stands outside of block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: N

RENEWAL ACCESS

<input checked="" type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2023	Sp	WS	1600	11160

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2032

RENEWAL COMMENTS/ISSUES:

BLOCK BEING PLANTED
 Leave ATV access on main road for the complete block. Front section - top being planted, Second section - E side of road being planted.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 11/6/15
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Ensure access into block BRW-010 is blocked if not grown in. No felling into adjacent harvest to the east. Need WLDP.</p>	<p>Is already grown in. Agreed. Agreed</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Cut Block Name: NLM-007	Twp & Rge: t45r29w	Cut Block Size: 39.1 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		21.5	51	42%	25	965
BA		18.7	50	47%	28	1,097
WB		18.0	27	7%	4	169
Total HW				96%	57	2,231
WS		20.0	58	4%	2	94
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				4%	2	94
Block Total:					59	2,325

Understory Stems/ha and Distribution							
WS		BS		BF			
Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	03	05	13	02	S5	3	Sandy Loam
Eco Site	11	22					
Cover Type:	H		IBWC Cnt:	0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,119
SOFTWOOD VOLUME (m3): 89

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	River	50	50 - 100m variable buffer on Little Woody River. Harvest as shown on map.
2	Stream	30	30m buffer on stream on S side of block. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 313 to 470 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has been changed due to flooding and poor volumes. The original size was 47.4 ha's. Block volumes are still very low and the block may not be harvested.

This block is on SE,SW,NE1, SW6-45-29 and NE36-44-29. These are all coded A1.

Beaked hazel and Speckled alder are present in this block.

This block has flat topography.

Maintain a max of 8 WDP's approximately 30-70 m from block edge and where possible adjacent to swd stands outside of block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/6/15**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Need WLDP.</p>	<p>Agreed</p>
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Cut Block Name: NLM-008	Twp & Rge: t44r29w	Cut Block Size: 24.2 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	53	20.2	32	55%	52	1,263
BA		20.3	51	36%	34	828
WB		18.8	36	4%	4	103
Total HW				95%	91	2,194
WS		30.0	60	5%	4	108
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				5%	4	108
Block Total:					95	2,302

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
			1st	2nd	3rd
V Type			05	01	08
Eco Site					
			LFH(cm)	S-Type	Moisture
			12		
			Surface Texture		
			Silty Clay Loam		
Cover Type: H		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,084
SOFTWOOD VOLUME (m3): 102

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	2	3	4	5
Flood	MFZ	Located on beaver flood in center of block. Harvest as shown on map.		
River	50	50-100 variable buffer on Little Woody River. Harvest as shown on map.		
Stream	30	Located on NE corner. Harvest as shown on map.		
Stream	20	20-30m variable buffer located on east side of block. Harvest as shown on map.		
Roads	100	Hwy 77 located on the S side. Harvest as shown on map.		

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 194 to 291 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has been changed slightly due to flooding and poor volumes. The original size was 24.5 ha's. The block volume is still low and the block may not be cut.
Mountain Maple and Beaked Hazel are present in this block.
This block has flat topography
This block is on NE,SE,SW35 and NW36-44-29. The portion on NW36 is coded A1. The portion on section 35 is coded A/8g with a site plan.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/6/15**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Snow and ice crossing for east side of block. Frozen access only.</p>	<p>Agreed.</p>
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Phone: --
Fax: --

Cut Block Name: NLM-131	Twp & Rge: t45r29w	Cut Block Size: 12.8 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheets: 320586
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	53	19.1	22	88%	214	2,737
BA		18.8	26	9%	22	280
WB				0%	0	0
Total HW				97%	236	3,017
WS				0%	0	0
BS	64	13.5	18	3%	7	88
JP				0%	0	0
BF				0%	0	0
Total SW				3%	7	88
Block Total:					242	3,105

Understory Stems/ha and Distribution							
WS		BS		BF			
975	Uniform						
Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	05	08		06	S5	2	Sandy Loam
Eco Site	32						
Cover Type:	H		IBWC Cnt:	0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,867
SOFTWOOD VOLUME (m3): 84

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	15-50	Located on the north side. Flag as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 102 to 154 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are located in the central and E portions of the block (plots 3, 5 and 7). Clumps of understory will be protected in patches.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/29/21**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: NLM-142	Twp & Rge: t45r29w	Cut Block Size: 68.6 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320586
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
<hr/>						
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<hr/>						
Total SW				0%	0	0
<hr/>						
Block Total:					0	0

Understory Stems/ha and Distribution					
WS	BS	BF			
			Soils Summary		
Eco Land Classification			1st	2nd	3rd
V Type Eco Site			LFH(cm)	S-Type	Moisture
			Surface Texture		
Cover Type:			IBWC Cnt: 0		

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LPL
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 8,209
SOFTWOOD VOLUME (m3): 684

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE	WIDTH (m)	DETAILS
1	Wetland	MFZ-15 Located on the E and S sides. Harvest as shown on map.
2	River	35-100+ Armit River located on the W side. Harvest as shown on map.

NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 549 to 823 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2029

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: NLM-143	Twp & Rge: t45r29w	Cut Block Size: 8.3 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	65	23.0	30	9%	15	125
BA	75	21.0	28	91%	150	1,243
WB				0%	0	0
Total HW				100%	165	1,368
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					165	1,368

Understory Stems/ha and Distribution					
WS		BS		BF	
67	Clumped				
Eco Land Classification					
V Type		1st	2nd	3rd	
Eco Site		01			
		22			
Soils Summary					
LFH(cm)	S-Type	Moisture	Surface Texture		
13	S3	3	Sandy Loam		
Cover Type: H		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,300
SOFTWOOD VOLUME (m3):

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Flood	MFZ	Located on W side. Structure will be maintained. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 66 to 100 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block is on the SW5-45-29W which has an 8d code.
Thistle, willow and blue-joint grass are present in this block.
This block has relatively flat topography. The west side of this block has been removed due to flooding.
Harvest at same time as NM-018 patch on N end of block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/15/13**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Harvest at same time as NM 17-19.
Riparian strategy.

Will try. If quota holders cut all those blocks 143 will be cut at same time.
MFZ. Much loss due to flooding.

-
-

Cut Block Name: NLM-144	Twp & Rge: t45r29w	Cut Block Size: 26.5 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	75	20.4	32	87%	136	3,607
BA	59	18.8	29	9%	14	376
WB		16.8	29	4%	7	177
Total HW				100%	157	4,160
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					157	4,160

Understory Stems/ha and Distribution						
WS		BS		BF		
43	Clumped					
Eco Land Classification			Soils Summary			
V Type			LFH(cm)	S-Type	Moisture	Surface Texture
Eco Site			02	S6	2	Sandy Clay Loam
Cover Type: H			IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,952
SOFTWOOD VOLUME (m3):

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

0		
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NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 212 to 318 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Beaked hazel, prickly rose and canada thistle are present in this block.
This block has flat topography.
This block is on SW,NW,NE6 and SW,SE7-45-29 which is coded A1.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/6/15**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Check with MAFRD on grazing authority. No harvest w/o site/grazing plan.

CWS to check with MAFRD/ANA

Cut Block Name: NLM-145	Twp & Rge: t45r29w	Cut Block Size: 165.4 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320586
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type							
Eco Site							

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 19,852
SOFTWOOD VOLUME (m3): 1,654

HARVEST SEASON

- ALL SEASON
 FROZEN
 DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
 SELECTION
 SEED TREE
 SALVAGE
- SHELTERWOOD
 UNDERSTOREY PROTECTION
 AVOIDANCE
 PATCH RETENTION
 DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
 PILE & BURN
 WLF DEBRIS PILE
 WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Wetland	MFZ-30	Located on the W and NW sides. Harvest as shown on map.
2	Stream	MFZ	Located on the S side. Large riparian area. Harvest as shown on map.
3	Wetland	MFZ	Located on the E side. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 1,323 to 1,985 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: NLM-146	Twp & Rge: t45r29w	Cut Block Size: 78.6 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320586
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
<hr/>						
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<hr/>						
Total SW				0%	0	0
<hr/>						
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary			
V Type	1st		2nd		3rd	
	LFH(cm)	S-Type	Moisture	Surface Texture		

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 9,432
SOFTWOOD VOLUME (m3): 786

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Wetland	MFZ	Located on the N, S and E sides. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 629 to 943 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2029

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Phone: --
Fax: --

Cut Block Name: NLM-147	Twp & Rge: t45r29w	Cut Block Size: 74.6 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320586
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type							
Eco Site							

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LPL
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 8,950
SOFTWOOD VOLUME (m3): 746

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE	WIDTH (m)	DETAILS
1 Wetland	MFZ	Located on the N and E sides. Harvest as shown on map.
2 Stream	MFZ	Located on the S side. Large riparian area. Harvest as shown on map.

NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 597 to 895 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2029

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Phone: --
Fax: --

Cut Block Name: NLM-148	Twp & Rge: t45r29w	Cut Block Size: 23.8 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	72	24.4	29	89%	334	7,929
BA				0%	0	0
WB		15.5	19	5%	20	477
Total HW				94%	354	8,406
WS	66	21.7	37	5%	19	456
BS		12.0	16	1%	2	46
JP				0%	0	0
BF				0%	0	0
Total SW				6%	21	502
Block Total:					375	8,908

Understory Stems/ha and Distribution					
WS		BS		BF	
117	Clumped				

Eco Land Classification	1st			2nd			3rd		
	V Type	05	08						
	Eco Site	22							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
03	S6	2	Sandy Loam

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 7,986
SOFTWOOD VOLUME (m3): 477

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

0		
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NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 190 to 285 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Maintain existing trail located in east part of block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are located in the west portion of the block (plot 5). Clumps of understory will be protected in patches.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/29/21**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: NLM-204	Twp & Rge: t44r28w	Cut Block Size: 25.5 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 330585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	57	20.7	30	48%	74	1,875
BA	57	19.8	36	23%	36	914
WB		14.0	31	24%	37	948
Total HW				95%	146	3,737
WS		20.7	49	5%	7	187
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				5%	7	187
Block Total:					154	3,924

Understory Stems/ha and Distribution					
WS		BS		BF	
10	Clumped			10	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	01	
Eco Site			

Soils Summary	
LFH(cm)	S-Type
08	S2

Moisture	1
Surface Texture	Loamy Sand

Cover Type: H	IBWC Cnt: 2
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,550
SOFTWOOD VOLUME (m3): 178

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	2
Flood	Stream
MFZ	30
Located on E side. Structure will be maintained. Harvest as shown on map.	
Located on W side. Variable 30 to 75m buffer. Harvest as shown on map.	

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 204 to 306 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block. Dogwood and blue-joint grass are present in small amounts.
This block has generally flat topography.
This block is on SW30 and NW19-44-28 which is coded A1.
There is a high volume of birch in this block (900m3). This volume will either be left in the block or harvested and declared by a quota holder.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 11/15/13
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Is harvest to top of bank or set back?</p>	<p>Land is flat. No second tier bank. Block follows timber line. 30-75m buffer of west. MFZ on east.</p>
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Cut Block Name: NLM-230	Twp & Rge: t44r28w	Cut Block Size: 23.0 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	58	18.4	28	75%	132	3,047
BA	60	18.3	27	6%	10	232
WB		16.4	24	6%	11	246
Total HW				86%	153	3,525
WS	81	19.6	38	6%	11	253
BS	75	15.0	19	7%	13	299
JP				0%	0	0
BF				0%	0	0
Total SW				14%	24	552
Block Total:					177	4,077

Understory Stems/ha and Distribution					
WS		BS		BF	
43	Clumped	50	Clumped	7	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	08	30
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture
09	S8	5	Sand
07	S7	4	Sand

Cover Type: H	IBWC Cnt: 1
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,348
SOFTWOOD VOLUME (m3): 524

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Wetland	MFZ	Located on S side. Structure will be maintained. Floods around and in block are expanding. Harvest as shown on map.
2	Stream	30	Located on E and W sides. Variable 30 to 100m buffer. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 184 to 276 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block. Alder, rose and blue-joint grass are present in small amounts.
This block has relatively flat topography.
This block is on SW,NW19-44-28 and SE,NE24-44-29 which are all coded A1.
Maintain up to 4 WDP's within the cutblock, approximately 30 - 70m away from block boundary.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/15/13**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>No concerns.</p>	<div style="border: 1px solid black; height: 100%;"></div>
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Cut Block Name: NLM-231	Twp & Rge: t44r28w	Cut Block Size: 33.9 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	58	18.8	29	62%	109	3,712
BA	52	18.2	37	21%	38	1,274
WB		14.9	26	13%	23	779
Total HW				96%	170	5,765
WS		17.9	35	4%	7	222
BS		16.0	18	0%	0	11
JP				0%	0	0
BF				0%	0	0
Total SW				4%	7	233
Block Total:					177	5,998

Understory Stems/ha and Distribution					
WS		BS		BF	
29	Clumped	38	Clumped	419	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	01	08
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture
05	S7	5	Loam
07		0	Silty Clay

Cover Type: H	IBWC Cnt: 1
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,475
SOFTWOOD VOLUME (m3): 221

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	MFZ	Located on W side. Variable MFZ to 100+m buffer. Floods expanding along this stream/wetland complex. Harvest as shown on map.
2	Stream	30	Located on E side. Variable 30 to 50m buffer. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 271 to 407 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block is on SW,NW18 and SW19-44-28 which are all coded A1.
Beaked hazel is present throughout the block. Alder, rose, cloudberry and blue-joint grass are present in small amounts.
This block has generally flat topography. There is a gentle slope in the north half of the block.
Maintain trail which runs through the block at the north end.
There is a high volume of birch in this block (817m3). This volume will either be left in the block or harvested and declared by a quota holder.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Area of BF understory >500 stems/ha and <6m in height is located in the N portion of the block (Plot 17). This area will be harvested with concentrated clumps of BF being maintained.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 11/15/13
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>No concerns.</p>	<div style="text-align: right;"><input checked="" type="checkbox"/></div>
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Cut Block Name: NLM-232	Twp & Rge: t44r29w	Cut Block Size: 42.3 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheets: 320585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	64	20.1	28	61%	118	5,010
BA	77	20.2	33	24%	47	1,978
WB		16.6	30	8%	16	662
Total HW				93%	181	7,650
WS	63	21.1	45	6%	12	528
BS		13.0	16	0%	0	1
JP				0%	0	0
BF		14.5	22	1%	1	46
Total SW				7%	14	575
Block Total:					194	8,225

Understory Stems/ha and Distribution					
WS		BS		BF	
8	Clumped	33	Clumped	100	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	08	01
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture
08	S6	2	Silty Clay

Cover Type: H	IBWC Cnt: 3
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 7,268
SOFTWOOD VOLUME (m3): 546

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Wetland	MFZ	Located on E side. Variable MFZ to 50m buffer on this wetland/stream complex. Area is being impacted by flooding. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 339 to 508 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block is on Section 13-44-29 which is coded A1.
Beaked hazel, mountain maple, rose, thistle and blue-joint grass are present in this block.
This block has moderately hilly topography.
Maintain structure along IBWC located by plot 19. The other IBWC's at plot 21 and 4 have been removed from the block.
Maintain existing trail which runs through the central portion of the block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Area of BF understory >500 stems/ha and <6m in height is located in the N portion of the block (Plot 14). This area will be harvested with concentrated clumps of BF being maintained.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 11/15/13
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Frozen access? Depends on access options.</p>	<p>Likely frozen access. Might start in a dry fall and harvest through freeze up.</p>
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Cut Block Name: NLM-233	Twp & Rge: t44r29w	Cut Block Size: 34.8 ha
OPERATING AREA: National Mills	Ownership: Open Crown	Mapsheet: 320585
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	64	18.3	28	42%	60	2,075
BA		17.2	33	11%	15	537
WB		14.4	22	13%	19	654
Total HW				66%	94	3,266
WS	88	23.1	41	22%	31	1,072
BS	147	15.3	20	12%	17	577
JP				0%	0	0
BF				0%	0	0
Total SW				34%	47	1,649
Block Total:					141	4,915

Understory Stems/ha and Distribution					
WS		BS		BF	
19	Clumped	131	Clumped	231	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	08	29
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture
28	S2	1	Silty Sand
15	S2	3	Sand

Cover Type: N	IBWC Cnt: 1
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,103
SOFTWOOD VOLUME (m3): 1,567

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	20-50	Located on the E side. Variable 20 to 50m buffer. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 278 to 417 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block is on SE,NE24,SE25-44-29 which are coded A1.
 Beaked hazel, thistle, alder, rose, willow and blue-joint grass are present in the block.
 This block has generally flat topography.
 Maintain up to 8 WDP's within the cutblock approximately 30 to 70 m from block edge.
 Maintain structure along IBWC located near plot 20 in the S portion of the block.
 Ensure WTP's of varying sizes are maintained within the wider portions of the block to break up LOS.
 Maintain trappers trail which runs through block free of debris.
 There is a high volume of birch in this block (619m3). This volume will either be left in the block or harvested and declared by a quota holder.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **N**

RENEWAL ACCESS

<input checked="" type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2012	Sp	BS	1600	3840
2012	Sp	WS	1600	12960

Survey Summary		
Type	Series	Year
Plantation Survival	First	2013
Reforestation	First	2022

RENEWAL COMMENTS/ISSUES:

Leave main road open to plant middle portion of block. Ensure access not hindered at crossing (NLM-C01) into block.

Areas of BF understory >500 stems/ha and <6m in height are located in the NE portion of the block (Plots 39 to 42). These areas will be harvested with concentrated clumps of BF being maintained.

Areas of BS understory >500 stems/ha and <6m in height are located in the N portion of the block (plots 10, 13 and 32). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches. All these plots are along the edge of BS stands. Trees will be harvested down to unmerchantable size.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

<input checked="" type="checkbox"/>	PLANNING
<input checked="" type="checkbox"/>	WILDLIFE
<input checked="" type="checkbox"/>	SILVICULTURE

EXTERNAL REVIEW

<input checked="" type="checkbox"/>	SUBMITTED TO IRMT on 11/15/13
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Identify planting density/location/area.</p>	<p>As identified on supplied map.</p>
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Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris where available.				

NLM-14A

Additional Road Development Comments

This road will be used to access NLM-003, NLM-004, AMT-001 and AMT-003.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.1	20	8	Dry/Frozen	3

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris where available.				

NLM-4A (existing)

Additional Road Development Comments

This road is part of the access to block NLM-204. This road follows the old rail bed.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.4	15	6	Frozen	50

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	This is an existing trail which will remain open.					

NLM-4B (existing)

Additional Road Development Comments

This road accesses block NLM-204.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.4	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	A berm will be placed at the start of the road. Debris will also be spread on the road where available in block NLM-203 which was harvested in 2005. Crossing NLM-C10 will also be removed. ATV access will be required for future

NLM-6A (existing)

Additional Road Development Comments

This road is part of the access to blocks NLM-230 to 233. Part of this road follows the old rail bed.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.3	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The portion of this road which follows the rail bed will remain open. A berm will be placed where it leaves the rail bed. If debris is available it will be placed on the road. ATV access will be maintained for future surveys and renewal.

NLM-6B

Additional Road Development Comments

This road is part of the access to blocks NLM-230 to 233. Most of this road goes through block NLM-206 which was harvested in 2004.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.2	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	There is very little debris available in block NLM-206. If debris is available it will be placed on the road. Block NLM-233 may have renewal activities planned. ATV access will be maintained for future surveys and renewal.				

NLM-6B-1A

Additional Road Development Comments

This road accesses blocks NLM-230 and 231.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.7	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed at selected locations in blocks NLM-230 and 231. Selected locations include landings and areas where debris accumulates.				

NLM-6C

Additional Road Development Comments

This road accesses blocks NLM-232 and 233.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.2	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and	Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed at selected locations in blocks NLM-232 and 233. Selected locations include landings and areas where debris accumulates. Crossing NLM-C01 will be removed. ATV access will be maintained for future surveys and renewal.					

NLM-8A and 8B (existing)

Additional Road Development Comments

Road Development:

This is part of the main access to NLM-132, 134, 135, 139 and 141. This is an existing road used to access the lease land.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
3.7	20	8	Dry/Frozen	50

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and	Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	This is an existing road which will remain open.						

NLM-8B-1A (existing)

Additional Road Development Comments

Road Development:

This road is part of the access to NLM-134, 135 and 139.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.8	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and	Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris at selected locations in cutover. Selected locations include landings and other areas where debris accumulates.					

NLM-8B-1B (existing)

Additional Road Development Comments

Road Development:

This road accesses blocks NLM-134 and 135.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.5	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris at selected locations in block NLM-134 and 135. Selected locations include landings and other areas where debris accumulates. Crossing NLM-C03 will melt restricting access.					

NLM-8B-1B-1A

Additional Road Development Comments

This road accesses block NLM-139.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.8	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris at selected locations in block NLM-135 and 139. Selected locations include landings and other areas where debris accumulates.					

NLM-8C and 8D (existing)

Additional Road Development Comments

These roads are existing trails that will be upgraded to access NLM-132, NLM-140 and 141.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.1	20	8	Dry/Frozen	50

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Road will be closed upon completion of all harvest blocks back down to ATV access using material available or stock piled during harvest where the road passed through a block.					

NLM-8D-1A

Additional Road Development Comments

This road accesses the eastern portion of NLM-132.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.4	15	6	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris at selected locations in block NLM-132. Selected locations include landings and other areas where debris accumulates.					

NLM-8E**Additional Road Development Comments**

This road accesses NLM-141. It is an existing trail.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.9	15	6	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris back down to ATV access.				

NLM-8F**Additional Road Development Comments**

This road accesses the west portion of NLM-141. This is an existing trail.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.6	15	6	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris back to ATV access.				

NLM-8F-1A**Additional Road Development Comments**

This road accesses the north section of NLM-141. This is an existing trail.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.5	15	6	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris to ATV access.				

NLM-8G**Additional Road Development Comments**

This road accesses the furthest west portion of NLM-141.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.1	15	6	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris.				

NLM-8H

Additional Road Development Comments

Proposed new access to block NLM-140. This road will be used instead of NLM-13A-1B. This new access is .5 km's while NLM-13A-1B is 3.2 kms. This will reduce access in this operating area.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.5	15	6	Frozen	2

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris after harvest is complete in block NLM-140. This is a winter road which will melt restricting access.				

Phone: --
Fax: --

Crossing Name: NLM-C01		Ownership: LP	
Operating Area:	National Mills	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5854109	UTM Easting:	329630
Stream Type:	Permanent	Land Description:	NE24-44-29W
Watercourse Name:	N/A	Crossing Inspection Date:	31-October-2013
Channel Width (m):	3.0	Stream Assessment Required:	
Water Depth (m):	0.20	Stream Assessment Complete:	
Road Name:	NLM-6C		

Site Description:

This crossing is on a permanent stream in a mixed wood stand. Silt, sand and gravel is the substrate. No fish were seen at the time of inspection.

General Considerations:

LP will follow DFO Operational Statement for clear span bridges.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 September,2022"/>	to <input type="text" value="01 April,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="text"/>

Installation & Removal Notes:

A minimum 30 ft bridge is required.

If a portable bridge is used it will be removed after harvest. If required the area will be recontoured to a near natural slope and seeded with grass.

If the snow and ice crossing is used, after harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions.

PROPOSED CROSSING NLM-C01



Across



Upstream



Downstream

Phone: --
Fax: --

Crossing Name: NLM-C02		Ownership: LP	
Operating Area:	National Mills	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5857953	UTM Easting:	321877
Stream Type:	Permanent	Land Description:	SW5-45-29W
Watercourse Name:	N/A	Crossing Inspection Date:	07-November-2013
Channel Width (m):	3.0	Stream Assessment Required:	
Water Depth (m):	1.0	Stream Assessment Complete:	
Road Name:	NLM-13B		

Site Description:

This crossing is on a permanent stream which has been flooded in the past. There is approximately 50m of sedge/grass with the stream located in this. Substrate is clay and organic material.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2022"/>	to <input type="text" value="31 March,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

After harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions.

PROPOSED CROSSING NLM-C02

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



Phone: --
Fax: --

Crossing Name: NLM-C04		Ownership: LP	
Operating Area:	National Mills	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	325943	UTM Easting:	5852081
Stream Type:	Permanent	Land Description:	SE-15-44-29 W
Watercourse Name:	N/A	Crossing Inspection Date:	09-April-2021
Channel Width (m):	4.0	Stream Assessment Required:	
Water Depth (m):	0.5	Stream Assessment Complete:	
Road Name:	NLM-14A		

Site Description:

Permanant stream with numerous beaver dams with an approximately 100 meters of grass and sedge. Stream channel is approximately 4 meters wide with organic/clay substrate.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:

to

Permanent Crossing:

Proposed Install Date:

Crossing Duration: Years

Remove after Renewal Activities:

Installation & Removal Notes:

After harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions.

Phone: --
Fax: --

<p>Crossing Name: NLM-C05</p> <p>Operating Area: National Mills</p> <p>UTM Northing:</p> <p>Stream Type: Seasonal</p> <p>Watercourse Name: N/A</p> <p>Channel Width (m):</p> <p>Water Depth (m):</p> <p>Road Name:</p>	<p>Ownership: LP</p> <p>Contingency Crossing: <input type="checkbox"/></p> <p>UTM Easting:</p> <p>Land Description:</p> <p>Crossing Inspection Date:</p> <p>Stream Assessment Required:</p> <p>Stream Assessment Complete:</p>
---	---

Site Description:

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:

to

Permanent Crossing:

Proposed Install Date:

Crossing Duration: Years

Remove after Renewal Activities:

Installation & Removal Notes:

After harvest is completed the surface of the snow and ice crossing will be cleaned off and a trench will be constructed to allow for flow during the spring melt. The snow and ice crossing will melt and the area will return to near natural conditions.



Phone: --
Fax: --

Crossing Name: NLM-C10		Ownership: LP
Operating Area:	National Mills	Contingency Crossing: <input type="checkbox"/>
UTM Northing:	5855082	UTM Easting: 330231
Stream Type:	Permanent	Land Description: SW30-44-28W
Watercourse Name:	N/A	Crossing Inspection Date:
Channel Width (m):	2.0	Stream Assessment Required:
Water Depth (m):	1.0	Stream Assessment Complete:
Road Name:	NLM-4B	

Site Description:

This crossing is on a stream located in a mixed stand. Beaver dam to the east of this location is backing water up into this area. The crossing was used in 2005 and will be reestablished.

General Considerations:

LP will follow DFP guidelines for clear span bridges.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:

to

Permanent Crossing:

Proposed Install Date:

Crossing Duration: Years

Remove after Renewal Activities:

Installation & Removal Notes:

Bridge will be installed during frozen conditions. Very little dirt work will be needed.

A minimum 30 foot portable bridge is required.

Bridge will be removed after hauling is completed. All necessary rehabilitation work will be done which may include erosion control matting, straw and seed.

PROPOSED CROSSING NLM-C10

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>

OPERATING AREA SUMMARY

NOVRA

FMU 14

<u>BLOCK</u>	<u>AREA (HA)</u>	<u>HDWD M3</u>	<u>SFTWD M3</u>	<u>YEAR</u>
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NV-03	38.95	-	3,023	2022
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Internal Mitigation Comments

General

Operating Area	Subject	Manitoba	Action/Response
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Novra

Site Specific

Block	Subject	Manitoba	Action/Response
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NV-03

Old mitigation, need to revisit.

No concerns.

Cut Block Name: NV-03	Twp & Rge: t41r26w	Cut Block Size: 39.0 ha
OPERATING AREA : Novra	Ownership: Open Crown	Mapsheet: 350582
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type							
Eco Site							

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION:

HARDWOOD VOLUME (m3):
SOFTWOOD VOLUME (m3): 3,023

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

0			
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NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 312 to 467 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Adjacent cutover with 4m tall regen is already showing mistletoe infection
 Very irregular shaped block
 Block infected with Dwarf mistletoe, all wood should be harvested

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: S

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year

RENEWAL COMMENTS/ISSUES:

Regeneration survey 3 years after harvest to assess natural regeneration success

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Adjacent plantation height</p> <p>Adjacent stand infected with mistletoe</p>	<p>IRMT would rather wait a few years to harvest to ensure better visual barrier from PTH 10</p> <p>Will be assessed and harvested if needed</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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OPERATING AREA SUMMARY

NOVRA EAST

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
NV-01	56.20	2,970	-	2022 C

Cut Block Name: NV-01	Twp & Rge: t41r25w	Cut Block Size: 56.2 ha
OPERATING AREA : Novra East	Ownership: Open Crown	Mapsheet: 360582
LICENCE: MQHA	Management Unit: 12	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
1st 2nd 3rd			LFH(cm)	S-Type	Moisture
V Type					
Eco Site					
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,970
SOFTWOOD VOLUME (m3): 0

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Flood	15	No machine activity - maintain non-merchantable structure. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 449 to 674 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Surrounding clearings have 3m regen buffered by alder/willow runs
 Will be harvested in conjunction with uncut portion of BJ-7
 Retention of mature, immature, and overmature trees having poor form, decay and other characteristics not suitable for timber utilization
 Mult year harvest block
 This block has been harvested in 2009 and 2010. There is approximately 33 hectares remaining. The approximate volume remaining is shown.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **01/01/06**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Beaver flood</p>	<p>Maintain 15m non-merch along flood</p>
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Roads

Novra East

NVE-1A

Additional Road Development Comments

This road accesses block NV-01

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.8	15	6	Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This road utilizes the old rail bad south from Bellsite.						

ROADS

Novra East

NV-03 RD

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.9	20	6	All Season	1	E

Road Development Comments

Road access to NV-03.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None

Road Closure Comments

Existing truck access already

Additional Comments:

Road Class

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)

Road Development Comments

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None

Road Closure Comments

Additional Comments:

Road Class

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)

Road Development Comments

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None

Road Closure Comments

Additional Comments:



OPERATING AREA SUMMARY

RICE CREEK

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
SL-201	13.20			2023
SL-202	8.10			2023
SL-203	35.40			2023
SL-204	20.00			2023
SL-205	44.10			2023
RC-32	82.00			2023 C
RC-33	32.98			2023 C
RC-34	51.65			2023 C
RC-35	66.75			2023 C
RCK-004	35.13	5,357	795	2023



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="RC-33"/>	Operating Area: Rice Creek	FMU: 14
Cut Block Size (ha): 32.98	Ownership: Open Crown	TWP: 44
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>	CONTINGENCY: <input type="text" value="2023"/>	SOFTWOOD VOLUME: <input type="text" value="0"/>	HARDWOOD VOLUME: <input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION: SPL	HARDWOOD ALLOCATION: LP
<input type="checkbox"/>	ALL SEASON		
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to West	40-100	Variable Buffer, Stay on Top of Steep Downslope

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="RC-34"/>	Operating Area: Rice Creek	FMU: 14
Cut Block Size (ha): 51.65	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text" value="2023"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek/Floods to West	MFZ-20	Variable Buffer, Flag as Shown on Map
Pond to Southeast	40-150	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="RC-35"/>	Operating Area: Rice Creek	FMU: 14
Cut Block Size (ha): 66.75	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>	CONTINGENCY: <input type="text" value="2023"/>	SOFTWOOD VOLUME: <input type="text" value="0"/>	HARDWOOD VOLUME: <input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION: SPL	HARDWOOD ALLOCATION: LP
<input type="checkbox"/>	ALL SEASON		
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM	SLASH ABATEMENT
<input checked="" type="checkbox"/> CLEARCUT	<input type="checkbox"/> WHOLE TREE
<input type="checkbox"/> SELECTION	<input checked="" type="checkbox"/> WHOLE TREE / SPREAD
<input type="checkbox"/> SEED TREE	<input type="checkbox"/> PILE AND BURN
<input type="checkbox"/> SALVAGE	<input checked="" type="checkbox"/> WLF DEBRIS PILE
<input type="checkbox"/>	<input type="checkbox"/> PILE
<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek/Flood to Northeast	MFZ-25	Variable Buffer, Flag as Shown on Map
Ponds to South	MFZ-25	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SL-201"/>	Operating Area: Rice Creek	FMU: 14
Cut Block Size (ha): 13.20	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0			TOTAL ALL
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>			<input type="text" value="0"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2023"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SL-202"/>	Operating Area: Rice Creek	FMU: 14
Cut Block Size (ha): 8.10	Ownership: Open Crown	TWP: 43
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0			TOTAL ALL
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>			<input type="text" value="0"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2023"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Rice Creek
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Rice Creek
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Rice Creek
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.

ROADS

RICE CREEK

SL-205 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.85	20	8	All Season	1	E

Road Development Comments

This road originates off the Virgin Lake Road and will be used to access SL-201-205. This road may be used to access blocks RC-34 and 35 in the future.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

Road Class

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)

Road Development Comments

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None

Road Closure Comments

Additional Comments:

Road Class

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)

Road Development Comments

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None

Road Closure Comments

Additional Comments:





WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Rice Creek"/>	Crossing ID	<input type="text" value="SL-201 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 335672
Y 5842901

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate			
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>	
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/>	to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>	
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>			
Arch Culvert	<input type="text"/>	<input type="text"/>			
Round Culvert	<input type="text"/>	<input type="text" value="X"/>			
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>			

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Rice Creek"/>	Crossing ID	<input type="text" value="SL-202 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 335818
Y 5842050

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>	Additional Comments	
Arch Culvert	<input type="text"/>	<input type="text"/>	This crossing will be removed when all harvest and renewal activities have been completed.	
Round Culvert	<input type="text"/>	<input type="text" value="X"/>		
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>		

Other

Cut Block Name: RCK-004	Twp & Rge: t44r27w	Cut Block Size: 35.1 ha
OPERATING AREA : Rice Creek	Ownership: Open Crown	Mapsheet: 340585
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	94	22.1	38	49%	90	3,164
BA		24.4	41	25%	45	1,592
WB	83	19.0	32	14%	25	882
Total HW				87%	160	5,638
WS	79	20.2	32	11%	21	728
BS				0%	0	0
JP				0%	0	0
BF		14.0	16	2%	3	110
Total SW				13%	24	838
Block Total:					184	6,476

Understory Stems/ha and Distribution					
WS		BS		BF	
				63	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	08	
Eco Site	22		

LFH(cm)	S-Type	Moisture	Surface Texture
08	S2	3	Loamy Sand
04	S2	2	Loamy Sand

Cover Type: H	IBWC Cnt: 2
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **LP**
SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **5,357**
SOFTWOOD VOLUME (m3): **795**

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	MFZ	Located along southeast side. Flag as shown on map.
2	Stream	50	Located along northwest side. Flag as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **281** to **422** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block borders the protected area. The boundary will be GPS'd to ensure no encroachment into the protected area.
Maintain structure along inblock drains in the southeast portion of block (near plots 6 and 8).

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2026

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/31/17**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

What is access plan for the multiple pieces?
Need comment outlining protection of Protected Area adjacent to block.

Will be accessed by RCK-2A, map provided to SD.
Comment added.

-
-

Roads

Rice Creek

RCK-2A

Additional Road Development Comments

This road accesses the northwest sections of RCK-004.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.7	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Road will be closed with slash and debris in RCK-004.				

OPERATING AREA SUMMARY

STEEPROCK ROAD

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
SR-102	109.00	3,197	16,682	2022
SR-103	24.30	142	1,981	2022
SR-123	22.30	0	2,111	2022
SR-133	24.40	3,090	762	2022
SR-52	33.00	780	5,096	2022
SR-99	125.60	6,932	11,894	2022
SR-139	5.10	37	302	2022 C
SR-142	38.90	485	4,873	2022 C
SR-23	1.71	0	201	2022 C
SR-24	2.80	0	227	2022 C
SR-25	6.40	0	1,194	2022 C
SR-26	32.00	0	4,854	2022 C
SR-27	3.14	0	257	2022 C
SR-28	3.51	26	329	2022 C
SR-29	6.10	0	972	2022 C
SR-30	4.70	0	1,067	2022 C
SR-31	6.24	90	825	2022 C
SR-87	19.91			2022 C
SR-89	44.42			2022 C
SR-93	12.88			2022 C
SR-141	63.57	917	9,022	2023
SR-61	12.59	581	1,511	2023
SR-66	76.17	4,550	8,967	2023
SR-67	35.19	1,352	4,994	2023
SR-97	77.65	3,761	6,140	2023

OPERATING AREA SUMMARY

STEEPROCK ROAD

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
SR-98	54.92	1,101	5,840	2023
SR-01	13.79	0	2,833	2023 C
SR-04	23.20	0	4,618	2023 C
SR-101	175.90	14,044	16,404	2023 C
SR-75	35.62	1,689	8,547	2023 C
SR-76	65.60	3,573	8,795	2023 C
SR-79	76.80	2,907	10,950	2023 C
SR-86	6.89			2023 C
SR-88	56.73			2023 C
SRR-211	12.97	2,389	67	2022
SRR-212	33.90	6,262	41	2022
SRR-213	12.59	2,193	0	2022
SRR-214	7.29	1,164	0	2022
SRR-306	44.00	13,219	568	2022
SRR-311	65.91	7,043	843	2022
SRR-005	29.80	5,676	0	2022 C
SRR-308	91.58	25,825	2,766	2022 C
SRR-313	75.16	15,198	0	2023
SRR-315	73.57	7,570	1,041	2023

Internal Mitigation Comments

General

Operating Area	Subject	Manitoba	Action/Response
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Steeprock

Site Specific

Block	Subject	Manitoba	Action/Response
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SR-99	Recreation	What is the plan to mitigate for SnoMan trail?	See SR-102
	Terrestrial Buffers - Physical	These blocks boarder Protected Area. Recommend GPS and flagging, and possibly a small buffer be used to ensure no trespass.	Boundary will be flagged with GPS
SR-102	Recreation	What is the plan to mitigate for SnoMan trail?	In the past North Mountain Riders have asked us not to buffer their trails, as that leads to a lot of blowdown across the trails. Roads will be well marked and will be designed to cross the trail as little as possible. Summer/Fall harvest should limit interactions with snowmobiles as well.
SR-103	Recreation	What is the plan to mitigate for SnoMan trail?	See SR-102



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-01"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 13.79	Ownership: Open Crown	TWP: 42
		RGE: 27

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)					1,752	1,230		
VOLUME %	0	0	0	0	59	41	0	0
AVERAGE AGE					120	130		
HDWD %	0		SFTWD %		100			
M3/HA	0		M3/HA		216			TOTAL ALL
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="2,982"/>			<input type="text" value="2,982"/>

COVER TYPE	V TYPE(S)	S-TYPE	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
			SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	28,29	6	SCL	7				

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="2,833"/>
CONTINGENCY:	<input type="text" value="2023"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input checked="" type="checkbox"/> X	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/> X	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/> X	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/> X	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS
<input type="checkbox"/>		<input type="checkbox"/>	WHOLE TREE
		<input checked="" type="checkbox"/> X	WHOLE TREE / SPREAD
		<input type="checkbox"/>	PILE AND BURN
		<input checked="" type="checkbox"/> X	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
PTH 365 (Steeprock)	100	Visual Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS			
JP			
TL			
TA			
BA			
WB			

PREF.	ALT.		SNOW CACHE
		DRAG	
		SCALP	
		MOUND	
		TRENCH	SCREEF
		WINTER RIPPER	
X		AREA PLANT	

YEAR	SEASON	AREA(HA)
2022	Spring	13.79

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2022	Spring	BS	2000	36,000

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads.

ACCESS

TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input type="text" value="X"/>	LP QUOTA HOLDER
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ROAD CLOSURE POST HARVEST

<input type="text"/>	NONE
<input type="text"/>	SLASH & DEBRIS
<input type="text"/>	EARTH BERM
<input type="text"/>	CROSSING REMOVAL
X	SPRING THAW
<input type="text"/>	GATE
<input type="text"/>	OTHER: <input type="text"/>

ROAD CLOSURE POST RENEWAL

<input type="text"/>	NONE
X	SLASH & DEBRIS
<input type="text"/>	EARTH BERM
X	CROSSING REMOVAL
<input type="text"/>	SITE PREPARATION
<input type="text"/>	OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

X	MQHA
X	MFSRC

EXTERNAL REVIEW

DATE SUBMITTED TO I.R.M.T.
 ALL I.R.M.T. CONCERNS MITIGATED

I.R.M.T. CONCERNS & COMMENTS:	MITIGATION STRATEGY:	MITIGATED
Post-harvest road closure spring thaw on a all-season road?	Should be slash and debris after renewal. A berm would not be effective here.	X
Rationale for whole tree processing?	Whole tree processing may occur here depending on the operator, and likely only for softwood.	X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-04"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 23.20	Ownership: Open Crown	TWP: 42
		RGE: 27

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)					996	3,865		
VOLUME %	0	0	0	0	20	80	0	0
AVERAGE AGE					119	128		
HDWD %	0		SFTWD %		100			
M3/HA	0		M3/HA		210			TOTAL ALL
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="4,861"/>			<input type="text" value="4,861"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>	SOFTWOOD VOLUME: <input type="text" value="4,618"/>		
CONTINGENCY: <input type="text" value="2023"/>	HARDWOOD VOLUME: <input type="text" value="0"/>		
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input checked="" type="checkbox"/> ALL SEASON		HARDWOOD ALLOCATION:	LP
<input type="checkbox"/> DRY			
<input type="checkbox"/> FROZEN			

HARVEST/SILVICULTURE SYSTEM			SLASH ABATEMENT	
<input checked="" type="checkbox"/> CLEARCUT	<input type="text"/>	SHELTERWOOD	<input type="text"/>	WHOLE TREE
<input type="checkbox"/> SELECTION		UNDERSTOREY PROTECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/> SEED TREE		<input checked="" type="checkbox"/> AVOIDANCE	<input type="text"/>	PILE AND BURN
<input type="checkbox"/> SALVAGE		<input checked="" type="checkbox"/> PATCH RETENTION	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="text"/>	<input type="text"/>	PILE
		DESIGNATED TRAILS		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Lake	25-150	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS			
JP	X		
TL			
TA			
BA			
WB			

PREF.	ALT.		SNOW CACHE
		DRAG	
		SCALP	
		MOUND	
		TRENCH	SCREEF
		WINTER RIPPER	
X		AREA PLANT	

YEAR	SEASON	AREA(HA)
2022	Spring	23

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2024	Spring	BS	2000	36,000

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads.

ACCESS

TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input type="text" value="X"/>	LP QUOTA HOLDER
--------------------------------	-----------------

ROAD CLOSURE POST HARVEST

<input type="text"/>	NONE
<input type="text"/>	SLASH & DEBRIS
<input type="text"/>	EARTH BERM
<input type="text"/>	CROSSING REMOVAL
X	SPRING THAW
<input type="text"/>	GATE
<input type="text"/>	OTHER: <input type="text"/>

ROAD CLOSURE POST RENEWAL

<input type="text"/>	NONE
X	SLASH & DEBRIS
<input type="text"/>	EARTH BERM
X	CROSSING REMOVAL
<input type="text"/>	SITE PREPARATION
<input type="text"/>	OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

X	MQHA
X	MFSRC

EXTERNAL REVIEW

DATE SUBMITTED TO I.R.M.T.
 ALL I.R.M.T. CONCERNS MITIGATED

I.R.M.T. CONCERNS & COMMENTS:	MITIGATION STRATEGY:	MITIGATED
Post-harvest road closure spring thaw on a all-season road?	Should be slash and debris after renewal. A berm would not be effective here.	X
Rationale for whole tree processing?	Whole tree processing may occur here depending on the operator, and likely only for softwood	X
If harvesting in winter make arrangements with NMR.	Agreed.	X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-23"/>	Operating Area: Steeprock Rd	FMU: 14
Cut Block Size (ha): 1.71	Ownership: Open Crown	TWP: 42
		RGE: 27

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)		0		0	186	25		
VOLUME %	0	0	0	0	88	12	0	0
AVERAGE AGE		0			107	101		
HDWD %	0		SFTWD %		100			
M3/HA	0		M3/HA		123			
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="211"/>		TOTAL ALL	
							<input type="text" value="211"/>	

COVER TYPE	V TYPE(S)	S-TYPE	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
			SURFACE	ECO-SITE	LFH cm	WS	BS	BF
S	28, 29	6, 10	SCL, S					

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>	SOFTWOOD VOLUME: <input type="text" value="201"/>		
CONTINGENCY: <input type="text" value="2022"/>	HARDWOOD VOLUME: <input type="text" value="0"/>		
HARVEST SEASON	SOFTWOOD ALLOCATION: SPL		
<input type="checkbox"/> ALL SEASON	HARDWOOD ALLOCATION: LP		
<input checked="" type="checkbox"/> DRY			
<input checked="" type="checkbox"/> FROZEN			

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/> CLEARCUT	<input type="text"/>	<input type="text"/>	WHOLE TREE
<input type="checkbox"/> SELECTION	UNDERSTOREY PROTECTION	<input type="text"/>	PILE AND BURN
<input type="checkbox"/> SEED TREE	<input checked="" type="checkbox"/> AVOIDANCE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/> SALVAGE	<input checked="" type="checkbox"/> PATCH RETENTION		
	<input type="text"/>		
	DESIGNATED TRAILS		

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Due to the very small size and the undulating topography of the block line of sight will be met.

HARVEST COMMENTS/ISSUES:

This block is bounded on all sides by non operational black spruce swamp. This block also has the typical disease and health issues of the other blocks in that the JP has western gall rust, there is Armillaria present as well as stem canker and brown cubicle rot. Most of the standing dead is the pine with up to 27% of the trees tallied as standing dead.

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X	X	
WS			
JP	X		
TL			
TA			
BA			
WB			

PREF.

ALT.

PREF.	ALT.	
		DRAG
		SCALP
		MOUND
		TRENCH
		WINTER RIPPER
		AREA PLANT

SNOW
CACHE

SCREEF

YEAR	SEASON	AREA(HA)

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	BS	2000	1,800

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads.

ACCESS

TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input type="text"/>	LP
X	QUOTA HOLDER

ROAD CLOSURE POST HARVEST

X	NONE
	SLASH & DEBRIS
	EARTH BERM
	CROSSING REMOVAL
	SPRING THAW
	GATE
	OTHER: <input type="text"/>

ROAD CLOSURE POST RENEWAL

X	NONE
	SLASH & DEBRIS
	EARTH BERM
	CROSSING REMOVAL
	SITE PREPARATION
	OTHER:

ACCESS COMMENTS:

No road needed

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

X	MQHA
X	MFSRC

EXTERNAL REVIEW

<input type="text" value="Dec 17, 2012"/>	DATE SUBMITTED TO I.R.M.T.
<input type="text" value="Jan 21, 2013"/>	ALL I.R.M.T. CONCERNS MITIGATED

I.R.M.T. CONCERNS & COMMENTS:

MITIGATION STRATEGY:

MITIGATED

Identify access to block	Through SR-105, wood likely skidded out to BS Road	X
Will require corduroy or snow and ice between blocks	Agreed	X
Unsure why this couldn't have been harvested with SR-105-2017. Ensure in-block road is re-planted. Or, consider leaving this isolated block for wildlife values.	Will cut this at the same time as SR-24, etc. Will plant the road.	X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 27

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)					223	16		
VOLUME %	0	0	0	0	93	7	0	0
AVERAGE AGE					102	106		
HDWD %	0		SFTWD %		100			
M3/HA	0		M3/HA		85			
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="239"/>		TOTAL ALL	
							<input type="text" value="239"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	29,30	S1	SCL	6	JP-BS MXD		600	200

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input checked="" type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Treed Fen	MFZ	Treed Fen to south and west

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 6.40

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 27

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)				31	1,011	215		
VOLUME %	0	0	0	2	80	17	0	0
AVERAGE AGE				109				
HDWD %	0		SFTWD %		100			
M3/HA	0		M3/HA		196			TOTAL ALL
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="1,257"/>			<input type="text" value="1,257"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	28	S1	SCL	6	JP-BS MXD		900	267

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input checked="" type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE WIDTH (m) BUFFER INFORMATION

FEATURE	WIDTH (m)	BUFFER INFORMATION
Pond	15-35	Variable buffer

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-26"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 32.00	Ownership: Open Crown	TWP: 42
		RGE: 27

PRE-HARVEST SURVEY INFORMATION								
VOLUME (M3) VOLUME % AVERAGE AGE	TA	BA	WB	WS	BS	JP	BF	TL
					3,072	2,037		
	0	0	0	0	60	40	0	0
					97	84		
HDWD %		0		SFTWD %		100		
M3/HA		0		M3/HA		160		TOTAL ALL
HDWD M3		<input type="text" value="0"/>		SFTWD M3		<input type="text" value="5,109"/>		<input type="text" value="5,109"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>	CONTINGENCY: <input type="text" value="2022"/>	SOFTWOOD VOLUME: <input type="text" value="4,854"/>	HARDWOOD VOLUME: <input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION: SPL	
<input checked="" type="checkbox"/> X	ALL SEASON	HARDWOOD ALLOCATION: LP	
<input type="checkbox"/>	DRY		
<input type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/> X	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/> X	WHOLE TREE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/> X	PILE AND BURN
		<input type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
		<input type="checkbox"/>	
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION
Pond	20-60	Variable buffer on pond to north
Drain	MFZ-50	Variable buffer on drain to south

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 3.14

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 27

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)					238	33		
VOLUME %	0	0	0	0	88	12	0	0
AVERAGE AGE					113			
HDWD %	0		SFTWD %		100			
M3/HA	0		M3/HA		86			
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="271"/>		TOTAL ALL	
							<input type="text" value="271"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	28,29	S5	CL	6	BS-JP Lt-FM		2200	

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input checked="" type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE WIDTH (m) BUFFER INFORMATION

FEATURE	WIDTH (m)	BUFFER INFORMATION
Drain	15-30	Variable buffer on drain to north

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 3.51

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 27

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)		27		74		272		
VOLUME %	0	7	0	20	0	73	0	0
AVERAGE AGE								
HDWD %	7		SFTWD %		93			
M3/HA	8		M3/HA		99			TOTAL ALL
HDWD M3	<input type="text" value="27"/>		SFTWD M3		<input type="text" value="346"/>			<input type="text" value="373"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	24,27	S3	SCL	7	JP-BS MXD		100	

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input checked="" type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-29"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 6.10	Ownership: Open Crown	TWP: 42
		RGE: 27

PRE-HARVEST SURVEY INFORMATION								
VOLUME (M3) VOLUME % AVERAGE AGE	TA	BA	WB	WS	BS	JP	BF	TL
					948	75		
	0	0	0	0	93	7	0	0
					101			
HDWD %		0		SFTWD %		100		
M3/HA		0		M3/HA		168		TOTAL ALL
HDWD M3		<input type="text" value="0"/>		SFTWD M3		<input type="text" value="1,023"/>		<input type="text" value="1,023"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	28,29	S5	CL	15	BS-JP-LTFM		467	

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>	CONTINGENCY: <input type="text" value="2022"/>	SOFTWOOD VOLUME: <input type="text" value="972"/>	HARDWOOD VOLUME: <input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION: SPL	
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION: LP	
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION
Pond	35-50	Variable buffer on pond to the east
Beaver Flood	20-35	Variable buffer on beaver flood to north

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-30"/>	Operating Area: Steeprock Rd	FMU: 14
Cut Block Size (ha): 4.70	Ownership: Open Crown	TWP: 42
		RGE: 27

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)					632	491		
VOLUME %	0	0	0	0	56	44	0	0
AVERAGE AGE					123	102		
HDWD %	0		SFTWD %	100				
M3/HA	0		M3/HA	239		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="1,123"/>		<input type="text" value="1,123"/>		

COVER TYPE	V TYPE(S)	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH cm	WS	BS	BF
S	29, 28	6	SCL, S	10			

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text"/>	SOFTWOOD VOLUME: <input type="text" value="1,067"/>		
CONTINGENCY: <input type="text" value="2022"/>	HARDWOOD VOLUME: <input type="text" value="0"/>		
HARVEST SEASON <input type="checkbox"/> ALL SEASON <input checked="" type="checkbox"/> DRY <input checked="" type="checkbox"/> FROZEN		SOFTWOOD ALLOCATION: SPL HARDWOOD ALLOCATION:	

HARVEST/SILVICULTURE SYSTEM				SLASH ABATEMENT	
<input checked="" type="checkbox"/> CLEARCUT	<input type="text"/>	SHELTERWOOD		<input type="text"/>	WHOLE TREE
<input type="text"/> SELECTION	UNDERSTOREY PROTECTION		<input type="text"/>	PILE AND BURN	
<input type="text"/> SEED TREE	AVOIDANCE		<input checked="" type="checkbox"/>	WLF DEBRIS PILE	
<input type="text"/> SALVAGE	PATCH RETENTION		<input type="text"/>		
	DESIGNATED TRAILS				

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT MITIGATION:

Undulating topography and small block size will enable line of sight guidelines to be achieved.

STRUCTURE RETENTION:

Patch retention and standing dead snags will be left.

HARVEST COMMENTS/ISSUES:

Moderate deadfall, western gall rust, Armillaria, stem canker and brown cubicle rot throughout the block.
 Block bounded by non-merchantable treed muskeg.
 9% of timber composed of standing dead.
 Soils rife with rocks and boulders.

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS			
JP	X		
TL			
TA			
BA			
WB			

PREF.

ALT.

PREF.	ALT.	DRAG	AREA PLANT
		SCALP	
		MOUND	
		TRENCH	
		WINTER RIPPER	
X		OTHER:	<input type="text" value="Screef"/>

YEAR	SEASON	MICROSITES	AREA(HA)

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	BS	2,000	3,360

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads

ACCESS

TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

	LP
X	QUOTA HOLDER

ROAD CLOSURE POST HARVEST

X	NONE
	SLASH & DEBRIS
	EARTH BERM
	CROSSING REMOVAL
	OTHER:

ROAD CLOSURE POST RENEWAL

	NONE
X	SLASH & DEBRIS
	EARTH BERM
X	CROSSING REMOVAL
	SITE PREPARATION
	OTHER:

ACCESS COMMENTS:

Gate on BS road controls 4x4 truck traffic.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

X	MQHA
X	MFSRC

EXTERNAL REVIEW

Nov 2009	DATE SUBMITTED TO I.R.M.T.
x	I.R.M.T. COMMENTS RECEIVED
x	I.R.M.T. COMMENTS REVIEWED
Jan 12-10	ALL I.R.M.T. CONCERNS MITIGATED

I.R.M.T. CONCERNS & COMMENTS:

MITIGATION STRATEGY:

MITIGATED

Buffers - MFZ on creek north side	OK	X
Approved 2010-11 AOP		
Re-approved 2018-20 OP		



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
 Cut Block Size (ha): 6.24

Operating Area: Steeprock
 Ownership: Open Crown

FMU: 14
 TWP: 42
 RGE: 27

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	34		61		481	387		
VOLUME %	4	0	6	0	50	40	0	0
AVERAGE AGE						97		
HDWD %	10		SFTWD %		90			
M3/HA	15		M3/HA		139			
HDWD M3	<input type="text" value="95"/>		SFTWD M3		<input type="text" value="868"/>			<input type="text" value="963"/>
								TOTAL ALL
								<input type="text" value="963"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	28	S3	CL	7	JP-BS MXD		633	

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
 CONTINGENCY:

SOFTWOOD VOLUME:
 HARDWOOD VOLUME:

HARVEST SEASON

<input checked="" type="checkbox"/>	ALL SEASON
<input checked="" type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
 HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Beaver Flood	15-60	Variable buffer on beaver flood to the south

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 27

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	772		49		2,998	2,366		
VOLUME %	12	0	1	0	48	38	0	0
AVERAGE AGE						81		
HDWD %	13		SFTWD %		87			
M3/HA	25		M3/HA		162		TOTAL ALL	
HDWD M3	<input type="text" value="821"/>		SFTWD M3		<input type="text" value="5,364"/>		<input type="text" value="6,185"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	15,25,28,29	S5	SC	11	JP-BS MXD	0	240	0

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS			
JP	X		
TL			
TA	X		
BA			
WB	X		

PREF.	ALT.		SNOW CACHE
X		DRAG	
		SCALP	
		MOUND	
		TRENCH	SCREEF
		WINTER RIPPER	
		AREA PLANT	

YEAR	SEASON	AREA(HA)

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	BS	2000	98,640

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads

ACCESS

TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input type="text"/>	LP
X	QUOTA HOLDER

ROAD CLOSURE POST HARVEST

<input type="text"/>	NONE
<input type="text"/>	SLASH & DEBRIS
<input type="text"/>	EARTH BERM
<input type="text"/>	CROSSING REMOVAL
X	SPRING THAW
<input type="text"/>	GATE
<input type="text"/>	OTHER: <input type="text"/>

ROAD CLOSURE POST RENEWAL

<input type="text"/>	NONE
X	SLASH & DEBRIS
<input type="text"/>	EARTH BERM
X	CROSSING REMOVAL
<input type="text"/>	SITE PREPARATION
<input type="text"/>	OTHER:

ACCESS COMMENTS:

Gate on BS road controls 4x4 truck traffic

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

X	MQHA
X	MFSRC

EXTERNAL REVIEW

DATE SUBMITTED TO I.R.M.T.
 ALL I.R.M.T. CONCERNS MITIGATED

I.R.M.T. CONCERNS & COMMENTS:

Identify openings, disease areas, and meadows that will not be part of block operations

MITIGATION STRATEGY:

These are old NSR patches from a long time ago. Was a sawmill here at one time. Would prefer not to avoid it and maybe even regenerate it.

MITIGATED

X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-61"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 12.59	Ownership: Open Crown	TWP: 42
		RGE: 27

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
	475	26	111	1,020	277	294		
	22	1	5	46	13	13	0	0
VOLUME (M3)								
VOLUME %								
AVERAGE AGE								
	HDWD %	28		SFTWD %	72			
	M3/HA	49		M3/HA	126	TOTAL ALL		
	HDWD M3	<input type="text" value="612"/>		SFTWD M3	<input type="text" value="1,591"/>	<input type="text" value="2,203"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
M	13,18	S3	SiCL	7	WS MXWD	0	100	2167

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2023"/>	SOFTWOOD VOLUME:	<input type="text" value="1,511"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="581"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input checked="" type="checkbox"/> X	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/> X	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/> X	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/> X	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS
<input type="checkbox"/>		<input type="checkbox"/>	WHOLE TREE
		<input checked="" type="checkbox"/> X	WHOLE TREE / SPREAD
		<input type="checkbox"/>	PILE AND BURN
		<input checked="" type="checkbox"/> X	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek/Flood to North	MFZ-20	Variable Buffer, Flag as Shown on Map
Creek/Run to East	MFZ-30	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-66"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 76.17	Ownership: Open Crown	TWP: 42
		RGE: 27

PRE-HARVEST SURVEY INFORMATION									
VOLUME (M3) VOLUME % AVERAGE AGE		TA	BA	WB	WS	BS	JP	BF	TL
		4,156	217	416	2,356	4,518	2,429	136	
		29	2	3	17	32	17	1	0
		HDWD % 34		SFTWD % 66					
		M3/HA 63		M3/HA 124		TOTAL ALL			
		HDWD M3 <input type="text" value="4,789"/>		SFTWD M3 <input type="text" value="9,439"/>		<input type="text" value="14,228"/>			

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
M	8,13,18,30	S5	SiL	9	JP-BS MXD	140	433	547

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR: <input type="text" value="2023"/>		SOFTWOOD VOLUME: <input type="text" value="8,967"/>	
CONTINGENCY: <input type="text"/>		HARDWOOD VOLUME: <input type="text" value="4,550"/>	
HARVEST SEASON		SOFTWOOD ALLOCATION: SPL	
<input checked="" type="checkbox"/> X	ALL SEASON	HARDWOOD ALLOCATION: LP	
<input type="checkbox"/>	DRY		
<input type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/> X	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/> X	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/> X	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS
<input type="checkbox"/>		<input type="checkbox"/>	WHOLE TREE
		<input checked="" type="checkbox"/> X	WHOLE TREE / SPREAD
		<input type="checkbox"/>	PILE AND BURN
		<input checked="" type="checkbox"/> X	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek/Flood to South	MFZ-20	Variable Buffer, Flag as Shown on Map
Creek/Drain to East	MFZ-50	Variable Buffer, Flag as Shown on Map
Backcountry	MFZ	Flag Backcountry Boundary with GPS

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-67"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 35.19	Ownership: Open Crown	TWP: 42
		RGE: 27

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	1,173	250		3,357	1,202	698		
VOLUME %	18	4	0	50	18	10	0	0
AVERAGE AGE								
	HDWD %	21		SFTWD %	79			
	M3/HA	40		M3/HA	149			
	HDWD M3	<input type="text" value="1,423"/>		SFTWD M3	<input type="text" value="5,257"/>			
							TOTAL ALL	<input type="text" value="6,680"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	13,21,30	S10	SCL	9	BS FMLT	300	25	288

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2023"/>	SOFTWOOD VOLUME:	<input type="text" value="4,994"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="1,352"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input checked="" type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to Southeast	15-30	Variable Buffer, Stay on Top of Steep Downslope
Backcountry	MFZ	Flag Backcountry Boundary with GPS

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	1,718		60		2,124	6,873		
VOLUME %	16	0	1	0	20	64	0	0
AVERAGE AGE						91		
HDWD %	17		SFTWD %		83			
M3/HA	50		M3/HA		253		TOTAL ALL	
HDWD M3	<input type="text" value="1,778"/>		SFTWD M3		<input type="text" value="8,997"/>		<input type="text" value="10,775"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	15,17,31	S6	SiCL	5	JP-BS MXD	0	686	0

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input checked="" type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Backcountry	MFZ	Flag backcountry boundary with GPS
Drain	15-25	Variable buffer on the drain to the southeast

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 65.60

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	2,391	1,207	163	5,992	1,517	1,749		
VOLUME %	18	9	1	46	12	13	0	0
AVERAGE AGE	87			127	91	81		
HDWD %	29		SFTWD %		71			
M3/HA	57		M3/HA		141			TOTAL ALL
HDWD M3	<input type="text" value="3,761"/>		SFTWD M3		<input type="text" value="9,258"/>			<input type="text" value="13,019"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
M	8,13,15,28	S5	CL	9		157	243	14

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input checked="" type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Backcountry	MFZ	Flag backcountry boundary with GPS

LINE OF SIGHT/STRUCTURE RETENTION:

Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 76.80

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	1,885	1,175	0	479	1,567	9,480	0	0
VOLUME %	13	8	0	3	11	65	0	0
AVERAGE AGE				112	100	88		
HDWD %	21		SFTWD %		79			
M3/HA	40		M3/HA		150			TOTAL ALL
HDWD M3	<input type="text" value="3,060"/>		SFTWD M3		<input type="text" value="11,526"/>		<input type="text" value="14,586"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	5,9,15,24,28	S5	SiCL	5	JP-BS MXD	17	150	0

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input checked="" type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Escarpment to east	15m	15 meters back from top of steep downslope
Drain/Flood to west	MFZ-50m	Variable Buffer
Drain to south	MFZ-30m	Variable Buffer

LINE OF SIGHT/STRUCTURE RETENTION:

This is a large block however there are many openings with primarily grass and alder growing in them. Structure will be left around these openings, and along any inblock drains that are encountered. Leave patches will be composed primarily of hardwood trees and regenerating softwood.

HARVEST COMMENTS/ISSUES:

This is an overmature softwood stand with the usual pests and diseases that are present in 100 year old stands.

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS	X	X	X
JP	X		
TL			
TA	X		
BA	X		
WB			

PREF.	ALT.		SNOW CACHE
X		DRAG	<input type="text"/>
		SCALP	<input type="text"/>
		MOUND	
		TRENCH	SCREEF <input type="text"/>
		WINTER RIPPER	<input type="text"/>
		AREA PLANT	

YEAR	SEASON	AREA(HA)
2018	Spring	70

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2024	Spring	WS	2000	9,720
		BS	2000	97,920

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads

ACCESS

TRUCK	<input type="text"/>
ATV	X
HELICOPTER	<input type="text"/>

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input type="text"/>	LP
X	QUOTA HOLDER

ROAD CLOSURE POST HARVEST

<input type="text"/>	NONE
<input type="text"/>	SLASH & DEBRIS
<input type="text"/>	EARTH BERM
<input type="text"/>	CROSSING REMOVAL
X	SPRING THAW
<input type="text"/>	GATE
<input type="text"/>	OTHER: <input type="text"/>

ROAD CLOSURE POST RENEWAL

<input type="text"/>	NONE
X	SLASH & DEBRIS
<input type="text"/>	EARTH BERM
X	CROSSING REMOVAL
<input type="text"/>	SITE PREPARATION
<input type="text"/>	OTHER:

ACCESS COMMENTS:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

X	MQHA
X	MFSRC

EXTERNAL REVIEW

<input type="text" value="Nov 25, 2016"/>	DATE SUBMITTED TO I.R.M.T.
<input type="text" value="Jan 20, 2016"/>	ALL I.R.M.T. CONCERNS MITIGATED

I.R.M.T. CONCERNS & COMMENTS:	MITIGATION STRATEGY:	MITIGATED
15 m back from top of slope	Agreed	X
Identify openings, disease areas, and meadows that will not be part of block operations	These are old NSR patches from a long time ago. Was a sawmill here at one time. Would prefer not to avoid it and maybe even regenerate it.	X
30m RZ each side of water feature between SR-79 and 101.	Will maintain a total minimum of 50m of RZ, which will be variable on each side of the drain. Will be determined by land feature and timber.	X
Discuss appropriate set back from escarpment edge.	Will retain MFZ and retain 20% of HWD within 30m. Will also leave some lowland BS and non-operable areas where available.	X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input checked="" type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 19.91

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input checked="" type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="text"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="text"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="text"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input checked="" type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="text"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="text"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="text"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input checked="" type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 12.88

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input checked="" type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="text"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="text"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="text"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-97"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 77.65	Ownership: Open Crown	TWP: 42
		RGE: 26

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	3,364	397		247	3,230	2,663		
VOLUME %	34	4	0	2	33	27	0	0
AVERAGE AGE					121			
	HDWD %	38		SFTWD %	62			
	M3/HA	48		M3/HA	79		TOTAL ALL	
	HDWD M3	<input type="text" value="3,761"/>		SFTWD M3	<input type="text" value="6,140"/>		<input type="text" value="9,901"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
M	8,13,15,28,30	S4,S5	SCL	8	JP-BS MXD	20	590	10

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2023"/>	SOFTWOOD VOLUME:	<input type="text" value="5,833"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="3,573"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input checked="" type="checkbox"/> X	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/> X	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/> X	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/> X	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS
<input type="checkbox"/>		<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>		<input checked="" type="checkbox"/> X	WHOLE TREE / SPREAD
<input type="checkbox"/>		<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>		<input checked="" type="checkbox"/> X	WLF DEBRIS PILE
<input type="checkbox"/>		<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek/Flood to West	MFZ	Harvest to Merchantable Edge.
Creek to South	20-50	Variable Buffer, Flag as Shown on Map
Trappers Cabin	150	Located South of Block

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS	X	X	X
JP	X		
TL			
TA	X		
BA	X		
WB			

PREF.	ALT.		SNOW CACHE
		DRAG	
		SCALP	
		MOUND	
		TRENCH	SCREEF
		WINTER RIPPER	
X		AREA PLANT	

YEAR	SEASON	AREA(HA)

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2024	Spring	WS	1800	4,320
		BS	1800	99,720

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

Leave main access through block open for renewal and ATV access on inblock roads.

ACCESS

TRUCK	
ATV	X
HELICOPTER	

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

	LP
X	QUOTA HOLDER

ROAD CLOSURE POST HARVEST

	NONE
	SLASH & DEBRIS
	EARTH BERM
	CROSSING REMOVAL
X	SPRING THAW
	GATE
	OTHER: <input type="text"/>

ROAD CLOSURE POST RENEWAL

	NONE
X	SLASH & DEBRIS
	EARTH BERM
X	CROSSING REMOVAL
	SITE PREPARATION
	OTHER:

ACCESS COMMENTS:
Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

X	MQHA
X	MFSRC

EXTERNAL REVIEW

DATE SUBMITTED TO I.R.M.T.
 ALL I.R.M.T. CONCERNS MITIGATED

I.R.M.T. CONCERNS & COMMENTS:	MITIGATION STRATEGY:	MITIGATED
Minimum of 30 m RZ (treed) on west creek floodplain, headwater to Canyon PA.	May be necessary due to terrain, seasonality, etc. Variable buffer 15 to 50m.	X
Indicate MFZ along East edge along swale.	Agreed.	X
Indicate MFZ along North-NE edges of block along wetland/swale.	Agreed.	X
Rationale for whole tree processing?	Whole tree processing may occur here depending on the operator, and likely only for softwood.	X



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-98"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 54.92	Ownership: Open Crown	TWP: 42
		RGE: 26

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	1,101			255	2,161	3,424		
VOLUME %	16	0	0	4	31	49	0	0
AVERAGE AGE								
	HDWD %	16		SFTWD %	84			
	M3/HA	20		M3/HA	106			TOTAL ALL
	HDWD M3	<input type="text" value="1,101"/>		SFTWD M3	<input type="text" value="5,840"/>			<input type="text" value="6,941"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	15,24,28	S5,S6,S10	SC	8	BS-JP MXD	17	67	133

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2023"/>	SOFTWOOD VOLUME:	<input type="text" value="5,548"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="1,046"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input checked="" type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Fen to East	MFZ	
Pond to West/Central	15-40	Variable Buffer, Flag as Shown on Map
Swale to Northwest	MFZ-30	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-99"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 125.60	Ownership: Open Crown	TWP: 43
		RGE: 27

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	4,619	1,712	966	6,978	2,971	2,506	65	
VOLUME %	23	9	5	35	15	13	0	0
AVERAGE AGE	82			103	95	93		
HDWD %	37		SFTWD %		63			
M3/HA	58		M3/HA		100		TOTAL ALL	
HDWD M3	<input type="text" value="7,297"/>		SFTWD M3		<input type="text" value="12,520"/>		<input type="text" value="19,817"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
M	8,13,15,17,28	S11	SIL	6	TA-WS	61	61	533

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="11,894"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="6,932"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS
		<input type="checkbox"/>	WHOLE TREE
		<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
		<input type="checkbox"/>	PILE AND BURN
		<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Backcountry	MFZ	Flag Backcountry Boundary with GPS
Creek to Northwest	MFZ-25	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-101"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 175.90	Ownership: Open Crown	TWP: 42
		RGE: 26

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	12,605	1,093	1,085	2,786	5,774	8,635	72	0
VOLUME %	39	3	3	9	18	27	0	0
AVERAGE AGE	97			102	101	122		
HDWD %	46		SFTWD %		54			
M3/HA	84		M3/HA		98		TOTAL ALL	
HDWD M3	<input type="text" value="14,783"/>		SFTWD M3		<input type="text" value="17,267"/>		<input type="text" value="32,050"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
M	5,9,15,17,29	S5, S10	L	5	JP-BS MXD	143	178	17

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="16,404"/>
CONTINGENCY:	<input type="text" value="2023"/>	HARDWOOD VOLUME:	<input type="text" value="14,044"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input checked="" type="checkbox"/> X	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/> X	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/> X	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/> X	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS
		<input type="checkbox"/>	WHOLE TREE
		<input checked="" type="checkbox"/> X	WHOLE TREE / SPREAD
		<input type="checkbox"/>	PILE AND BURN
		<input checked="" type="checkbox"/> X	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek/Wetland to North	MFZ-30m	Variable Buffer
Drain to the west	MFZ-50m	Variable Buffer
Escarpment to east	15m	Stay 15m back from the top of steep downslope

LINE OF SIGHT/STRUCTURE RETENTION:

This is a large block however there are many openings with primarily grass and alder growing in them. Structure will be left around these openings, and along any inblock drains that are encountered. Leave patches will be composed primarily of hardwood trees and regenerating softwood.

HARVEST COMMENTS/ISSUES:

This is an overmature softwood stand with the usual pests and diseases that are present in 100 year old stands.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-102"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 109.00	Ownership: Open Crown	TWP: 43
		RGE: 27

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	2,306	620	439	4,431	6,108	6,167	854	
VOLUME %	11	3	2	21	29	29	4	0
AVERAGE AGE								
HDWD %	16		SFTWD %		84			
M3/HA	31		M3/HA		161		TOTAL ALL	
HDWD M3	<input type="text" value="3,365"/>		SFTWD M3		<input type="text" value="17,560"/>		<input type="text" value="20,925"/>	

COVER TYPE	V TYPE(S)	S-TYPE	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
			SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	5,8,13,28,30	S6	SiCL	9	BS-FMLT	81	400	1190

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="16,682"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="3,197"/>
HARVEST SEASON		SOFTWOOD ALLOCATION: SPL	
<input checked="" type="checkbox"/> X	ALL SEASON	HARDWOOD ALLOCATION: LP	
<input type="checkbox"/>	DRY		
<input type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/> X	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/> X	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION
Backcountry	MFZ	Flag Backcountry Boundary with GPS
Creek to Southeast	25-50	Variable Buffer, Flag as Shown on Map
Creek to Southwest	MFZ-30	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 27

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)		149			1,446	639		
VOLUME %	0	7	0	0	65	29	0	0
AVERAGE AGE								
HDWD %	7		SFTWD %		93			
M3/HA	6		M3/HA		86		TOTAL ALL	
HDWD M3	<input type="text" value="149"/>		SFTWD M3		<input type="text" value="2,085"/>		<input type="text" value="2,234"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	18,28,30	S5	SiL	20	BS-JP LTFM	0	1217	0

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input checked="" type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)				263	353	1,606		
VOLUME %	0	0	0	12	16	72	0	0
AVERAGE AGE					96	87		
HDWD %	0		SFTWD %		100			
M3/HA	0		M3/HA		100		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="2,222"/>		<input type="text" value="2,222"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	24,28	S5	SCL	6	BS-JP-LTFM	80	100	20

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input checked="" type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE WIDTH (m) BUFFER INFORMATION

FEATURE	WIDTH (m)	BUFFER INFORMATION
Fen	MFZ	Treed fen to the east

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	3,256				40	762		
VOLUME %	80	0	0	0	1	19	0	0
AVERAGE AGE	80					96		
HDWD %	80		SFTWD %		20			
M3/HA	133		M3/HA		33		TOTAL ALL	
HDWD M3	<input type="text" value="3,256"/>		SFTWD M3		<input type="text" value="802"/>		<input type="text" value="4,058"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
H	5,9,15	S3	CL	6	TA HWD	0	0	0

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input checked="" type="checkbox"/>	DRY
<input type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
<input type="checkbox"/>		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Drain to Northwest	MFZ	
Drain to Southeast	MFZ	
Backcountry	MFZ	

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 5.10

Operating Area: Steeprock
Ownership: Open Crown

FMU: 14
TWP: 42
RGE: 27

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)		39			204	114		
VOLUME %	0	11	0	0	57	32	0	0
AVERAGE AGE					114	106		
HDWD %	11		SFTWD %		89			
M3/HA	8		M3/HA		62		TOTAL ALL	
HDWD M3	<input type="text" value="39"/>		SFTWD M3		<input type="text" value="318"/>		<input type="text" value="357"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	30	S5	SiCL	9	BS-JP LTFM	0	2550	0

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE WIDTH (m) BUFFER INFORMATION

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek	30	Creek to east of block

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker, brown cubicle rot, and in the Jack Pine there is western gall rust.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-141"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 63.57	Ownership: Open Crown	TWP: 42
		RGE: 27

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	717	57	191	2,541	5,505	1,451		
VOLUME %	7	1	2	24	53	14	0	0
AVERAGE AGE								
	HDWD %	9		SFTWD %	91			
	M3/HA	15		M3/HA	149		TOTAL ALL	
	HDWD M3	<input type="text" value="965"/>		SFTWD M3	<input type="text" value="9,497"/>		<input type="text" value="10,462"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	13,17,28,30	S6	SiC	9	BS FMLT	73	227	236

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2023"/>	SOFTWOOD VOLUME:	<input type="text" value="9,022"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="917"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input checked="" type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input type="checkbox"/>	DRY		
<input type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS
<input type="checkbox"/>		<input type="checkbox"/>	WHOLE TREE
		<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
		<input type="checkbox"/>	PILE AND BURN
		<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to South	20-50	Variable Buffer, Stay on top of Steep Downslope
Backcountry	MFZ	Flag Backcountry Boundary with GPS
Creek to Northwest	20-60	Variable Buffer, Stay on top of Steep Downslope

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="SR-142"/>	Operating Area: Steeprock	FMU: 14
Cut Block Size (ha): 38.90	Ownership: Open Crown	TWP: 42
		RGE: 27

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	510			35	4,788	306		
VOLUME %	9	0	0	1	85	5	0	0
AVERAGE AGE								
HDWD %	9		SFTWD %		91			
M3/HA	13		M3/HA		132			
HDWD M3	<input type="text" value="510"/>		SFTWD M3		<input type="text" value="5,129"/>			TOTAL ALL
								<input type="text" value="5,639"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	8,30,31	S5	CL	11	BS-JP LTFM	100	411	311

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="4,873"/>
CONTINGENCY:	<input type="text" value="2022"/>	HARDWOOD VOLUME:	<input type="text" value="485"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to Southwest	MFZ-30	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.

ROADS

Steeprock Road

BS Road

Road Class 2

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
16.22	30	8	All Season	20	E

Road Development Comments

This is an all season road originating off PR 365 used to access Steeprock Road operating area. In past plans part of this road have been called SR-05, 22, 105, 33, 59 Rd, 69Rd, 100Rd and SR-Center Rd. They have been amalgamated into the BS road.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X					

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments: Main access road.

SR-23 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.21	30	8	Frozen	1	P

Road Development Comments

This road will be used to access SR-23 from the BS Rd.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-24 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.22	30	8	All Season	1	P

Road Development Comments

This road will be used to access SR-24 from the SR-139 Rd.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:



ROADS

Steeprock Road

SR-29 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.95	30	8	Frozen	1	P

Road Development Comments

This road will be used to access SR-27, 28, 29 from the SR-139 Rd.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
				X	
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-30 RD

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.49	30	8	All Season	10	E

Road Development Comments

This road will be used to access SR-30 from the SR-139 Rd.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-59 Main Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
3.81	30	8	All Season	10	E

Road Development Comments

This road will be used to access SR-74, 75, 76, 79, 101, 81, 82, 83, 84 and 97. This will provide at least 5 years of good summer ground.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:



ROADS

Steeprock Road

SR-62 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.11	20	8	All Season	1	E

Road Development Comments

This road originates from the BS Road and will be used to access SR-99

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder								
			X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-65 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.37	20	8	All Season	3	E

Road Development Comments

This road originates from SR-62 Road and will be used to access SR-61, 66, 67,141 and 142.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder								
			X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-66 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.51	30	8	All Season	5	P

Road Development Comments

This road originates of the SR-99 Road and will be used to access blocks SR-61 and SR-66.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder								
			X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:



ROADS

Steeprock Road

SR-66 Alternate Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.36	20	8	All Season	3	P

Road Development Comments

This road may be used to access SR-66, it originates off the SR-65 Road

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-67 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.78	30	8	All Season	3	P

Road Development Comments

This road will be used to access SR-67, it originates off the SR-66 Road

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-71 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.64	30	8	All Season	10	E

Road Development Comments

This road originates off the BS Road and will be used to access SR-71, 97, 98 and 123

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:



ROADS

Steeprock Road

SR-75 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.35	30	8	All Season	3	P

Road Development Comments

This road will be used to access SR-75 from SR-79 South Access Rd.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder			X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-76 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.36	20	8	Frozen	5	P

Road Development Comments

This road originates of the SR-79 South Access Road and will be used to access SR-76

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder			X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-78 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.71	30	8	All Season	1	E

Road Development Comments

This road originates of the BS road and will be used to access SR-102

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder			X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:



ROADS

Steeprock Road

SR-79 South Access Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
2.61	30	8	All Season	5	P

Road Development Comments

This road will be used to access SR-101, 74, 75 and 76. It may also be used to access SR-79 if it is the better route.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder							
	Post Renewal	X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-79 Alt. Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.08	30	8	All Season	3	P

Road Development Comments

This road will be used to access SR-79, if it is on better summer ground than SR-79 South Access Rd.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder							
	Post Renewal	X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-81 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.26	30	8	All Season	10	P

Road Development Comments

This road will be used to access SR-74, 75, 76, 79, and 81. It may also be used to access SR-97 if suitable summer access is found.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder							
	Post Renewal	X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:



ROADS

Steeprock Road

SR-87 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.43	30	8	All Season	5	P

Road Development Comments

This road originates off the SR-97 road and will be used to access SR-87, 89, 93 and 133.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder								
			X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-97 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
2.35		8	All Season	3	P

Road Development Comments

This Road originates off the SR-71 Road and will be used to access blocks SR-71, 98, 123 and possibly 97

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder								
			X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-97 Alternative Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.75	20	8	All Season	2	P

Road Development Comments

This road originates off the SR-81 Rd. It is an alternative access to SR-97 and 98, instead of SR-97 Rd.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Quota Holder								
			X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:



ROADS

Steeprock Road

SR-99 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.23	30	8	All Season	1	P

Road Development Comments

This road will be used to access SR-99

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-102 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.45	30	8	All Season	1	P

Road Development Comments

This Road originates off the SR-78 Road and will be used to access blocks SR-102

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-103 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.49	20	8	All Season	3	P

Road Development Comments

This road originates off the BS road and will be used to access SR-52 and 103.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:



ROADS

Steeprock Road

SR-135 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.43	20	8	All Season	2	E

Road Development Comments

This road originates on the BS Rd and will be used to access blocks SR-52 and 103.

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

SR-139 Road

Road Class 3

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
2.22	30	8	All Season	2	P

Road Development Comments

This Road originates off the BS Road and will be used to access blocks SR-25, 26, 31 and 139

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

Road Class

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)

Road Development Comments

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:





WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprock"/>	Crossing ID	<input type="text" value="BSR-H"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0.5"/>
		Channel Depth (cm)	<input type="text" value="30"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 347384
Y 5837954

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate	Temporary		
Portable Bridge	<input type="text"/>	<input type="text"/>	<input checked="" type="text" value="X"/>		
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/>	to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>	
Snow and Ice	<input type="text"/>	<input type="text"/>			
Arch Culvert	<input type="text"/>	<input type="text"/>			
Round Culvert	<input checked="" type="text" value="X"/>	<input type="text"/>			
Geotextile and Logs	<input checked="" type="text" value="X"/>	<input type="text"/>			

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprock"/>	Crossing ID	<input type="text" value="SR-24 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0"/>
		Channel Depth (cm)	<input type="text" value="0"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 344109
Y 5831234

Further information, if required, will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text"/>	<input type="text" value="X"/>		
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprock"/>	Crossing ID	<input type="text" value="SR-25 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0"/>
		Channel Depth (cm)	<input type="text" value="0"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 343716 Y 5831184 Further information, if required, will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text"/>	<input type="text" value="X"/>		
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>		

Other

--

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.
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WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprock"/>	Crossing ID	<input type="text" value="SR-26 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0"/>
		Channel Depth (cm)	<input type="text" value="0"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 343716
Y 5831184

Further information, if required, will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text"/>	<input type="text" value="X"/>		
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprock"/>	Crossing ID	<input type="text" value="SR-27 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0"/>
		Channel Depth (cm)	<input type="text" value="0"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 344966
Y 5830976

Further information, if required, will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text"/>	<input type="text" value="X"/>		
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprock"/>	Crossing ID	<input type="text" value="SR-28 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0"/>
		Channel Depth (cm)	<input type="text" value="0"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 345211
Y 5830867

Further information, if required, will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text"/>	<input type="text" value="X"/>		
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprock"/>	Crossing ID	<input type="text" value="SR-30 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0"/>
		Channel Depth (cm)	<input type="text" value="0"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 344695
Y 5830840

Further information, if required, will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text"/>	<input type="text" value="X"/>		
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprock"/>	Crossing ID	<input type="text" value="SR-31 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0"/>
		Channel Depth (cm)	<input type="text" value="0"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 345043
Y 5831281

Further information, if required, will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text"/>	<input type="text" value="X"/>		
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steepprock"/>	Crossing ID	<input type="text" value="SR-66 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0"/>
		Channel Depth (cm)	<input type="text" value="0"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 346521
Y 5836820

Further information, if required, will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2023"/> to <input type="text" value="2025"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text" value="X"/>	<input type="text"/>		
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprocks"/>	Crossing ID	<input type="text" value="SR-66 Alt Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0"/>
		Channel Depth (cm)	<input type="text" value="0"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 346663 Y 5837012 Further information, if required, will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2023"/> to <input type="text" value="2025"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text" value="X"/>	<input type="text"/>		
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>		

Other

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Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.
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WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprock"/>	Crossing ID	<input type="text" value="SR-67 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0"/>
		Channel Depth (cm)	<input type="text" value="0"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 346452
Y 5836390

Further information, if required, will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2023"/> to <input type="text" value="2025"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text" value="X"/>	<input type="text"/>		
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprock"/>	Crossing ID	<input type="text" value="SR-81 Bridge"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="5"/>
		Channel Depth (cm)	<input type="text" value="50"/>
Date of Inspection	<input type="text" value="Aug. 25 2015"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 351501
Y 5832621

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

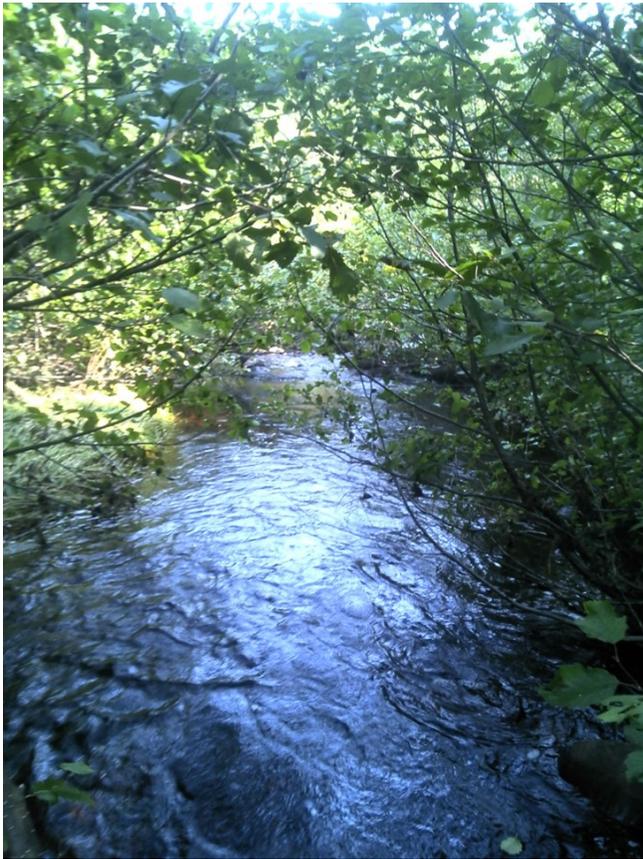
	Preferred	Alternate		
Portable Bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temporary	<input checked="" type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>		<input type="text" value="2022"/> to <input type="text" value="2026"/>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>	Permanent	<input type="checkbox"/>
Snow and Ice	<input type="checkbox"/>	<input type="checkbox"/>		
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>		
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>		
Geotextile and Logs	<input type="checkbox"/>	<input type="checkbox"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.

SR-81 Bridge



Downstream



Upstream



Across



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprocks"/>	Crossing ID	<input type="text" value="SR-97 ALT Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text"/>
		Channel Depth (cm)	<input type="text"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 351635
Y 5833304

Further information will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate			
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>	
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/>	to <input type="text" value="2025"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>	
Snow and Ice	<input type="text"/>	<input type="text"/>			
Arch Culvert	<input type="text"/>	<input type="text"/>			
Round Culvert	<input type="text" value="X"/>	<input type="text"/>			
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>			

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprock"/>	Crossing ID	<input type="text" value="SR-102 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0"/>
		Channel Depth (cm)	<input type="text" value="0"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 348490
Y 5838620

Further information, if required, will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text" value="X"/>	<input type="text"/>		
Geotextile and Logs	<input type="text" value="X"/>	<input type="text"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.



WATERCOURSE CROSSING DESCRIPTION

Operating Area	<input type="text" value="Steeprock"/>	Crossing ID	<input type="text" value="SR-139 Xing"/>
Watercourse Name	<input type="text" value="Un-named"/>	Channel Width (m)	<input type="text" value="0"/>
		Channel Depth (cm)	<input type="text" value="0"/>
Date of Inspection	<input type="text"/>		
Is Watercourse Navigable ?	<input type="text" value="No"/>		
Stream Assessment Required	<input type="text" value="No"/>	Stream Assessment Completed	<input type="text" value="No"/>

Additional Comments

UTM: X 345414
Y 5831432

Further information, if required, will be forthcoming prior to or with the work permit application.

INSTALLATION AND DEACTIVATION INFORMATION

Proposed Structure

	Preferred	Alternate		
Portable Bridge	<input type="text"/>	<input type="text"/>	Temporary	<input type="text" value="X"/>
Timber Bridge	<input type="text"/>	<input type="text"/>		<input type="text" value="2022"/> to <input type="text" value="2024"/>
Ice Bridge	<input type="text"/>	<input type="text"/>	Permanent	<input type="text"/>
Snow and Ice	<input type="text" value="X"/>	<input type="text"/>		
Arch Culvert	<input type="text"/>	<input type="text"/>		
Round Culvert	<input type="text"/>	<input type="text" value="X"/>		
Geotextile and Logs	<input type="text"/>	<input type="text" value="X"/>		

Other

Additional Comments

This crossing will be removed when all harvest and renewal activities have been completed.

Cut Block Name: SRR-211	Twp & Rge: t40r26w	Cut Block Size: 13.0 ha
OPERATING AREA : Steeprock Road	Ownership: Open Crown	Mapsheets: 350581
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	71	20.7	24	72%	144	1,863
BA		15.7	18	24%	48	624
WB		25.0	36	1%	2	28
Total HW				97%	194	2,515
WS	80	17.3	33	3%	5	70
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				3%	5	70
Block Total:					199	2,585

Understory Stems/ha and Distribution						
WS		BS		BF		
14	Clumped					

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	08	01
Eco Site	12		

Soils Summary	
LFH(cm)	S-Type
04	S1

Soils Summary	
Moisture	Surface Texture
0	Loamy Sand

Cover Type: H	IBWC Cnt: 2
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,389
SOFTWOOD VOLUME (m3): 67

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

0		
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NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **104** to **156** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Beaked hazel, mountain maple and blue-joint grass are present in this block.
This block has hilly topography.
Maintain structure along IBWC's located near plots 2 and 5. These features are small seasonal streams/in block swales. The IBWC near plot 2 will be crossed with a culvert.
Keep equipment and debris out of old harvest area located on the NW corner of the block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/6/15**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Retain all softwood in wind firm patches.

Will try to maintain the majority in WLTP's.

Cut Block Name: SRR-212	Twp & Rge: t40r26w	Cut Block Size: 35.9 ha
OPERATING AREA : Steeprock Road	Ownership: Open Crown	Mapsheets: 350581
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	75	22.1	31	83%	153	5,489
BA				0%	0	0
WB		16.5	22	17%	31	1,102
Total HW				99%	184	6,591
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF		22.0	30	1%	1	43
Total SW				1%	1	43
Block Total:					185	6,634

Understory Stems/ha and Distribution					
WS		BS		BF	
13	Clumped			75	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	08	
Eco Site	31		

LFH(cm)	S-Type	Moisture	Surface Texture
05	S5	5	Silty Sand
05	S10	5	Sandy Clay Loam

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 6,262
SOFTWOOD VOLUME (m3): 41

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Roads	Visual	Retain visual barrier along PR 365. Harvest as shown on map.
2	Stream	100	Located on the N side. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **287** to **430** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/16/2018**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Retain visual barrier along PR 365.

CWS to discuss internally and respond. Defer until wildlife refuge in place.



Phone: --
Fax: --

Cut Block Name: SRR-213	Twp & Rge: t40r26w	Cut Block Size: 12.6 ha
OPERATING AREA : Steeprock Road	Ownership: Open Crown	Mapsheet: 350581
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	82	18.2	23	93%	170	2,140
BA				0%	0	0
WB		23.0	34	7%	13	169
Total HW				100%	183	2,309
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					183	2,309

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	05			09	S10	2	Sandy Clay Loam
Eco Site							

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,193
SOFTWOOD VOLUME (m3):

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

0		
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NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 101 to 151 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/11/16**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>What is the buffer distance on S and N sides? Establish leave areas w/steep slopes near center of block. Winter access only. Moisture regime and access. No access development within 100m of SE end of block. Ensure good erosion control on IB access.</p>	<p>Top of slope. Slope non-operable. Agreed. Is well drained. Agreed. Agreed.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Phone: --
Fax: --

Cut Block Name: SRR-214	Twp & Rge: t40r26w	Cut Block Size: 7.3 ha
OPERATING AREA : Steeprock Road	Ownership: Open Crown	Mapsheet: 350581
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	71	23.4	32	89%	146	1,065
BA		23.5	34	7%	12	84
WB		14.2	20	4%	7	54
Total HW				100%	165	1,203
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					165	1,203

Understory Stems/ha and Distribution			
WS	BS	BF	

Eco Land Classification	1st	2nd	3rd
	V Type	05	
Eco Site	22		

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
04	S3	1	Loamy Sand

Cover Type: H	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,164
SOFTWOOD VOLUME (m3):

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

0		
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NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 58 to 87 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has moderately hilly topography.
There are pockets of blow down in this block. Merchantable material will be salvaged only if feasible.
Beaked hazel, mountain maple and blue-joint grass are present in this block.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/6/15**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Are there further harvest plans to the SE? Defer or incorporate.

CWS to discuss internally and respond. Defer until wildlife refuge in place.

Cut Block Name: SRR-306	Twp & Rge: t40r26w	Cut Block Size: 44.0 ha
OPERATING AREA : Steeprock Road	Ownership: Open Crown	Mapsheet: 340581
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	81	20.0	26	88%	290	12,773
BA		17.0	21	4%	12	528
WB		18.9	29	4%	14	614
Total HW				96%	316	13,915
WS	96	19.9	40	4%	14	598
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				4%	14	598
Block Total:					330	14,513

Understory Stems/ha and Distribution					
WS		BS		BF	
67	Clumped				

Eco Land Classification	1st			2nd			3rd		
	V Type	05	08						
	Eco Site	32							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
07	S5	2	Loamy Sand

Cover Type: H	IBWC Cnt: 4
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 13,219
SOFTWOOD VOLUME (m3): 568

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	2
Wetland	15-75
Stream	15-30

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 352 to 528 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Maintain structure along IBWC's located near plots 8, 11, 16, 19 and 22.
Softwood seed trees will be left in windfirm patches when operationally feasible.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/29/21**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: SRR-311	Twp & Rge: t40r26w	Cut Block Size: 65.9 ha
OPERATING AREA : Steeprock Road	Ownership: Open Crown	Mapsheet: 350580
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	99	23.3	32	81%	201	13,227
BA		22.3	28	3%	6	422
WB		16.9	21	6%	15	987
Total HW				90%	222	14,636
WS	109	21.3	34	10%	25	1,626
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				10%	25	1,626
Block Total:					247	16,262

Understory Stems/ha and Distribution							
WS		BS		BF			
143	Uniform						
Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	05	08		04	S5	2	Silt Loam
	Eco Site			33			
Cover Type: H		IBWC Cnt: 2					

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 7,043
SOFTWOOD VOLUME (m3): 843

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	2
Wetland	MFZ
Located on all sides of block. Structure will be maintained. Harvest as shown on map.	
River	100-300
Birch River located along SW boundary. Harvest as shown on map.	

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 527 to 791 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Approximately 30 ha's of this block was harvested in 2021. The volumes shown indicate this.
Structure will be maintained near IBWC's located near 16 and 18 and will be crossed at one location.
Try to keep roads as far away from the Birch River as possible.
Only north half of SRR-313 to be cut on way in, SRR-312 to be cut after 307 and 311

Cut Block Name: SRR-005	Twp & Rge: t40r26w	Cut Block Size: 29.8 ha
OPERATING AREA : Steeprock Road	Ownership: Open Crown	Mapsheet: 350580
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	64	20.1	32	74%	149	4,441
BA	79	18.5	26	16%	32	958
WB		18.4	27	10%	19	576
Total HW				100%	201	5,975
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					201	5,975

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
1st			LFH(cm)		
2nd			S-Type		
3rd			Moisture		
V Type			Surface Texture		
Eco Site			07		
05			S10		
32			5		
			Loamy Sand		
Cover Type: H		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,676
SOFTWOOD VOLUME (m3): 0

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	MFZ	Located in the north central section of the block. Harvest as shown on map.
2	Stream	MFZ	Located along south boundary. Harvest as shown on map.
3	Stream	MFZ	Located in the south central section of the block. Harvest as shown on map.
4	Roads	100	Highway 10 located along west boundary. Harvest as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 238 to 357 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE:

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 11/16/18
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Discuss reducing buffer on Hwy 10 to 50m

Where feasible. There is flooding along highway.

Cut Block Name: SRR-308	Twp & Rge: t40r26w	Cut Block Size: 91.6 ha
OPERATING AREA : Steeprock Road	Ownership: Open Crown	Mapsheets: 350581
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	86	22.4	30	76%	249	22,836
BA	77	21.9	29	12%	41	3,754
WB		17.8	28	2%	6	594
Total HW				90%	297	27,184
WS	81	21.8	34	9%	29	2,612
BS	88	15.3	21	1%	2	167
JP		17.0	32	0%	1	132
BF				0%	0	0
Total SW				10%	32	2,911
Block Total:					329	30,095

Understory Stems/ha and Distribution					
WS		BS		BF	
26	Clumped	89	Clumped	158	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	08	17
Eco Site			

Soils Summary	
LFH(cm)	S-Type
08	S1

Moisture	2
Surface Texture	Loamy Sand

Cover Type: H	IBWC Cnt: 2
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 25,825
SOFTWOOD VOLUME (m3): 2,766

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	50-100	Located on N, E and S sides. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 733 to 1,099 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Maintain structure along IBWC's near plots 10, 13 and 24.
Softwood seed trees will be left in windfirm patches when operationally feasible.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2027

RENEWAL COMMENTS/ISSUES:

Area of BS understory >500 stems/ha is located in the NW portion of the block (plot 34). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

Area of BF understory >500 stems/ha and <6m in height is located in the NW portion of the block (Plot 34). This area will be harvested with concentrated clumps of BF being maintained.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/29/21
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Softwood seed trees should be left in wind firm patches wherever possible.

Softwood seed trees will be left in windfirm patches when operationally feasible.

Cut Block Name: SRR-313	Twp & Rge: t39r26w	Cut Block Size: 75.2 ha
OPERATING AREA : Steepprock Road	Ownership: Open Crown	Mapsheet: 350580
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	142	21.6	35	65%	139	10,469
BA	81	19.0	27	34%	73	5,462
WB		20.0	28	0%	1	67
Total HW				100%	213	15,998
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					213	15,998

Understory Stems/ha and Distribution					
WS		BS		BF	
18	Clumped				

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	01	
Eco Site	32	22	

LFH(cm)	S-Type	Moisture	Surface Texture
08	S5	2	Silt Loam
05	S3	2	Sandy Loam

Cover Type: H	IBWC Cnt: 2
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 15,198
SOFTWOOD VOLUME (m3): 0

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	2	3
Wetland	MFZ	Located along east side. Flag as shown on map.
Stream	30-50	Located along N boundary. Flag as shown on map.
River	100-150	Birch River located along the S boundary. Flag as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **601** to **902** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Maintain structure along inblock drains located in the NE section of the block (near plots 15 and 27).
Try to keep roads as far away from the Birch River as possible.
Only north half of SRR-313 to be cut on way in, SRR-312 to be cut after 307 and 311

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2025

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **11/16/18**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Only north half of SRR-313 to be cut on way in, SRR-312 to be cut after 307 and 311 MFZ on wetland on E side</p>	<p>Agreed</p> <p>Agreed.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Cut Block Name: SRR-315	Twp & Rge: t40r26w	Cut Block Size: 73.6 ha
OPERATING AREA : Steeprock Road	Ownership: Open Crown	Mapsheet: 350580
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	67	17.7	26	76%	94	6,919
BA		22.2	38	2%	3	209
WB		18.6	24	9%	11	841
Total HW				88%	108	7,969
WS	58	12.8	20	12%	15	1,096
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				12%	15	1,096
Block Total:					123	9,065

Understory Stems/ha and Distribution						
WS		BS		BF		
71	Clumped					

Eco Land Classification	1st			2nd			3rd		
	V Type	05	08	13					
	Eco Site	22							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
06	S1	2	Sandy Loam

Cover Type: H	IBWC Cnt: 2
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 7,570
SOFTWOOD VOLUME (m3): 1,041

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	River	50-100	Birch River located along south boundary. Flag as shown on map.
2	Stream	30-75	Located along north boundary. Flag as shown on map.

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **589** to **883** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

Maintain structure on IBWC's near plots 1 and 16.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **H**

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

Area of WS understory >500 stems/ha and <6m in height are located in the central portion of the block (plot 25). Clumps of understory will be protected in patches.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/29/21**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Roads

Steeprock Road

SRR-13A

Additional Road Development Comments

Road Development:

This road accesses block SRR-211 and is part of the access to SRR-211.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.2	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris.				

SRR-13A-1A

Additional Road Development Comments

Road Development:

This road accesses block SRR-212.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.1	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris.				

SRR-26A

Additional Road Development Comments

Road Development:

This road accesses SRR-307, 311, 312 and 313. Most of this road is existing trail (approx 1.4 km) and has an existing approach off PTH 10. Part of the new section of road (approx 300m) is in a low lying area that may require corduroy and or geo textile.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.7	20	8	Dry/Frozen	10

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A gate will be placed at the start of the road. This road will be used for future harvest.					

SRR-26B**Additional Road Development Comments**

This road accesses SRR-307, 311 and 312.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.0	20	8	Dry/Frozen	2

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris in SRR-313 and where available between cutblocks.				

SRR-26C**Additional Road Development Comments**

This road accesses SRR-307 and 311.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.1	20	8	Dry/Frozen	2

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris in SRR-307, 311 and 312. SRR-C32, C33, C34 and C35 will be removed.				

SRR-26C-1A**Additional Road Development Comments**

This accesses SRR-311.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.3	20	8	Dry/Frozen	3

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris where available. SRR- c41 and C42 will be removed.				

SRR-26D**Additional Road Development Comments**

This road accesses SRR-306, 307 and 308.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.1	20	8	Dry/Frozen	3

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris where available.				

SRR-26D-1A

Additional Road Development Comments

This road accesses SRR-306.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.3	20	8	Dry/Frozen	3

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris where available.				

SRR-26E

Additional Road Development Comments

This road accesses SRR-308.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.2	20	8	Dry/Frozen	3

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris where available. SRR-C37, C38, C39 and C40 will be removed.				

SRR-5A

Additional Road Development Comments

This road accesses SRR-154, 161, 160 and 163.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.8	20	8	Dry/Frozen	10

Road Deactivation:

Road Closure Responsibility		Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will remain open to access stockpile site. There is a gate located at the start of the road.

SRR-5A-1A**Additional Road Development Comments**

This road accesses SRR-154, 161 and 163.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.6	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Debris	Slash	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris where available.				

SRR-5A-1A-1B**Additional Road Development Comments**

This road accesses SRR-154.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.6	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Debris	Slash	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris where available.				

SRR-5A-1B**Additional Road Development Comments**

This road accesses SRR-161.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.2	20	8	Dry/Frozen	1

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Debris	Slash	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris where available.				



Phone: --
Fax: --

Crossing Name: SRR-C36		Ownership: LP	
Operating Area:	Steeprock Road	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5810778	UTM Easting:	349942
Stream Type:	Other Watercourse	Land Description:	SE-12-40-27
Watercourse Name:	N/A	Crossing Inspection Date:	17-August-2021
Channel Width (m):	0.3	Stream Assessment Required:	
Water Depth (m):	0.2	Stream Assessment Complete:	
Road Name:	SRR-26D-1A		

Site Description:

This proposed crossing is located on an alder swale in a hardwood stand. Channel banks are undefined and the substrate is composed of organic material. No flow at the time of inspection.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:

01 June,2022 to 01 July,2023

Permanent Crossing:

Proposed Install Date:

Crossing Duration: Years

Remove after Renewal Activities:

Installation & Removal Notes:

Minimum 18 inch culvert required.

After harvest is completed the culvert will be removed and the road approaches will be recontoured to a near natural slope. If required the area will be seeded with grass and erosion control matting or straw mulch will be used to further stabilize the site.

PROPOSED CROSSING SRR-C36

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



Phone: --
Fax: --

Crossing Name: SRR-C37		Ownership: LP	
Operating Area:	Steeprock Road	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5811407	UTM Easting:	349986
Stream Type:	Other Watercourse	Land Description:	NE 12-40-27
Watercourse Name:	N/A	Crossing Inspection Date:	17-August-2021
Channel Width (m):	NA	Stream Assessment Required:	
Water Depth (m):	NA	Stream Assessment Complete:	
Road Name:	SRR-26E		

Site Description:

This proposed crossing is located in a mixedwood stand. Channel banks are undefined and the substrate is composed of mineral soil. No flow at the time of inspection.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

Minimum 12 inch culvert is required.
After harvest is completed the culvert will be removed and the road approaches will be recontoured to a near natural slope. If required the area will be seeded with grass and erosion control matting or straw mulch will be used to further stabilize the site.

PROPOSED CROSSING SRR-C37



Across



Upstream



Downstream

Phone: --
Fax: --

Crossing Name: SRR-C38		Ownership: LP	
Operating Area:	Steeprock Road	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5811432	UTM Easting:	349973
Stream Type:	Other Watercourse	Land Description:	NE 12-40-27
Watercourse Name:	N/A	Crossing Inspection Date:	17-August-2021
Channel Width (m):	NA	Stream Assessment Required:	
Water Depth (m):	NA	Stream Assessment Complete:	
Road Name:	SRR-26E		

Site Description:

This proposed crossing is located in a mixedwood stand. Channel banks are undefined and the substrate is composed of mineral soil. No flow at the time of inspection.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

Minimum 12 inch culvert is required.
After harvest is completed the culvert will be removed and the road approaches will be recontoured to a near natural slope. If required the area will be seeded with grass and erosion control matting or straw mulch will be used to further stabilize the site.

PROPOSED CROSSING SRR-C38



Across



Upstream



Downstream



Phone: --
Fax: --

Crossing Name: SRR-C39		Ownership: LP	
Operating Area:	Steeprock Road	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5811571	UTM Easting:	349955
Stream Type:	Other Watercourse	Land Description:	NE 12-40-27
Watercourse Name:	N/A	Crossing Inspection Date:	17-August-2021
Channel Width (m):	0.3	Stream Assessment Required:	
Water Depth (m):	0.3	Stream Assessment Complete:	
Road Name:	SRR-26E		

Site Description:

This proposed crossing is located in a mixedwood stand. Channel banks are undefined and the substrate is composed of mineral soil. No flow at the time of inspection.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

Crossing Lifespan:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

Minimum 18 inch culvert required.
After harvest is completed the culvert will be removed and the road approaches will be recontoured to a near natural slope. If required the area will be seeded with grass and erosion control matting or straw mulch will be used to further stabilize the site.

PROPOSED CROSSING SRR-C39

 A photograph of a forest with a stream. The view is looking across the stream, showing dense green foliage and several tree trunks. A blue ribbon is tied to a tree trunk in the middle ground.	<p>Across</p>
 A photograph of a forest looking upstream. The view is looking up a stream, showing dense green foliage and several tree trunks. A blue ribbon is tied to a tree trunk in the middle ground.	<p>Upstream</p>
 A photograph of a forest looking downstream. The view is looking down a stream, showing dense green foliage and several tree trunks. A blue ribbon is tied to a tree trunk in the middle ground.	<p>Downstream</p>



Phone: --
Fax: --

Crossing Name: SRR-C40		Ownership: LP	
Operating Area:	Steeprock Road	Contingency Crossing:	<input type="checkbox"/>
UTM Northing:	5811675	UTM Easting:	350020
Stream Type:	Other Watercourse	Land Description:	NW 07-40-27
Watercourse Name:	N/A	Crossing Inspection Date:	17-August-2021
Channel Width (m):	NA	Stream Assessment Required:	
Water Depth (m):	NA	Stream Assessment Complete:	
Road Name:	SRR-26E		

Site Description:

This proposed crossing is located in a mixedwood stand. Channel banks are undefined and the substrate is composed of mineral soil. No flow at the time of inspection.

General Considerations:

LP will follow DFO Operational Statement for temporary crossings.

Crossing Structure:

	<u>Preferred</u>	<u>Alternate</u>
Ice Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Portable Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Rail Car Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Timber Bridge	<input type="checkbox"/>	<input type="checkbox"/>
Snow and Ice Xing	<input type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Crossing Lifespan:

Temporary Crossing:	<input checked="" type="checkbox"/>
<input type="text" value="01 June,2022"/>	to <input type="text" value="01 July,2023"/>
Permanent Crossing:	<input type="checkbox"/>
Proposed Install Date:	<input type="text"/>
Crossing Duration:	<input type="text"/> Years
Remove after Renewal Activities:	<input type="checkbox"/>

Installation & Removal Notes:

Minimum 18 inch culvert to be installed.
After harvest is completed the culvert will be removed and the road approaches will be recontoured to a near natural slope. If required the area will be seeded with grass and erosion control matting or straw mulch will be used to further stabilize the site.

PROPOSED CROSSING SRR-C40

 A photograph showing a dense forest with green foliage. A blue survey tape is stretched across the scene, indicating a proposed crossing point.	<p>Across</p>
 A photograph of a forest path with a blue survey tape stretched across it. The path is surrounded by green trees and undergrowth.	<p>Upstream</p>
 A photograph of a forest path with a blue survey tape stretched across it. The path is surrounded by green trees and undergrowth.	<p>Downstream</p>

OPERATING AREA SUMMARY

THE BLUFF

FMU 12

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
RD-01Q	59.48	698	7,062	2022 C
RD-01T	98.60	3,388	8,177	2022 C
RD-01U	29.06	2,882	2,131	2022 C
RD-01V	162.00	6,163	13,099	2022 C
RD-01W	142.80			2023 C
RD-01X	110.00			2023 C
RD-08	46.60			2022 C
RD-09	22.80			2022 C

Internal Mitigation Comments

General

Operating Area	Subject	Manitoba	Action/Response
The Bluff	Access Control	Where ATV access is to be left for renewal purposes, only one central access may be retained. No in block spur roads are to be left. A limited number of strategically distributed helicopter landing areas may be left on roads and landings. Access to be closed following completion of planting activities by no later than July 31, unless separate approval is applied for. Does not apply to exist roads (RD-02).	Agreed

Site Specific

Block	Subject	Manitoba	Action/Response
RD-02	Terrestrial Buffers - IRMT Discretion	There are two PSP's in this block. Require a 200 m buffer from plot center. NRND to provide GPS coordinates.	200m too excessive considering plot locations. 1 plot is 50m from the road, other is 85m from the road, why buffer the other side of the road?
RD-01X, Y and Z	Terrestrial Buffers - Physical	These blocks boarder TLE land. Recommend GPS and flagging, and possibly a small buffer be used to ensure no trespass.	Will use GPS to Flag and there will definitely be a 25m buffer to ensure no trespassing.
	No prescription	Will mitigate further after the PHS survey.	



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="RD-01Q"/>	Operating Area: The Bluff	FMU: 12
Cut Block Size (ha): 59.48	Ownership: Open Crown	TWP: 46
		RGE: 25

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)			735	2,941	4,493			
VOLUME %	0	0	9	36	55	0	0	0
AVERAGE AGE			66	124	120			
HDWD %	9		SFTWD %		91			
M3/HA	12		M3/HA		125			TOTAL ALL
HDWD M3	<input type="text" value="735"/>		SFTWD M3		<input type="text" value="7,434"/>			<input type="text" value="8,169"/>

COVER TYPE	V TYPE(S)	SOILS			SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH cm	WS	BS	BF
S	30-29	S12F SCL	Organic	16			

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="7,062"/>
CONTINGENCY:	<input type="text" value="2022"/>	HARDWOOD VOLUME:	<input type="text" value="698"/>
HARVEST SEASON		SOFTWOOD ALLOCATION: SPL/TEMBEC	
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION: LP	
<input type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	WHOLE TREE
		<input type="checkbox"/>	PILE AND BURN
		<input type="checkbox"/>	WLF DEBRIS PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Red Deer Lake	100	Minimum 100m buffer on Red Deer Lake

LINE OF SIGHT/STRUCTURE RETENTION:

Scattered pockets of non-op, HW, and immature white and black spruce to be retained for line of sight.

HARVEST COMMENTS/ISSUES:

Block surrounded by treed muskeg, Severe blowdown in parts of block, should be harvested ASAP

BLOCK #

RENEWAL PRESCRIPTION INFORMATION

RENEWAL OBJECTIVE-COVERTYPE:

SITE PREPARATION

PREF. ALT.

SNOW
CACHE

RENEWAL STRATEGY BY SPECIES

SPECIES	NATURAL	ADVANCED	ASSISTED
BS	X		X
WS	X		X
JP			
TL			
TA			
BA			
WB	X		

<input type="text"/>	<input type="text"/>	DRAG
<input type="text"/>	<input type="text"/>	SCALP
<input type="text"/>	<input type="text"/>	MOUND
<input type="text"/>	<input type="text"/>	TRENCH
<input type="text"/>	<input type="text"/>	WINTER RIPPER
<input type="text"/>	<input type="text"/>	AREA PLANT

<input checked="" type="checkbox"/>
SCREEF
<input checked="" type="checkbox"/>

YEAR	SEASON	AREA(HA)
<input type="text"/>	<input type="text"/>	<input type="text"/>

TREE PLANTING

YEAR	SEASON	SPECIES	DENSITY	TOTAL
2023	Spring	WS	1800	55,800
		BS	1800	55,680

FOREST ASSESSMENT SURVEY

STAND TENDING

Stand tending treatments will be determined (if necessary) upon analysis of regeneration and plantation assessment data

RENEWAL COMMENTS/ISSUES:

ACCESS

TRUCK	<input type="checkbox"/>
ATV	<input checked="" type="checkbox"/>
HELICOPTER	<input checked="" type="checkbox"/>

ACCESS MANAGEMENT INFORMATION

ROAD CLOSURE RESPONSIBILITY

<input type="checkbox"/>	LP
<input checked="" type="checkbox"/>	QUOTA HOLDER

ROAD CLOSURE POST HARVEST

<input type="checkbox"/>	NONE
<input type="checkbox"/>	SLASH & DEBRIS
<input type="checkbox"/>	EARTH BERM
<input type="checkbox"/>	CROSSING REMOVAL
<input checked="" type="checkbox"/>	SPRING THAW
<input type="checkbox"/>	GATE
<input type="checkbox"/>	OTHER: <input type="text"/>

ROAD CLOSURE POST RENEWAL

<input type="checkbox"/>	NONE
<input type="checkbox"/>	SLASH & DEBRIS
<input type="checkbox"/>	EARTH BERM
<input type="checkbox"/>	CROSSING REMOVAL
<input type="checkbox"/>	SITE PREPARATION
<input type="checkbox"/>	OTHER:

ACCESS COMMENTS:

Any planned or unplanned in-block roads will be retired when all the timber harvested has been processed and removed off the roads and if the road is not needed for future access.

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

<input checked="" type="checkbox"/>	MQHA
<input checked="" type="checkbox"/>	MFSRC

EXTERNAL REVIEW

<input type="text" value="Oct 10, 2006"/>	DATE SUBMITTED TO I.R.M.T.	Resubmitted
<input type="text" value="Oct 10, 2006"/>	I.R.M.T. COMMENTS RECEIVED	Dec 12, 2011
<input type="text" value="Oct 10, 2006"/>	I.R.M.T. COMMENTS REVIEWED	
<input type="text" value="Jan 10, 2012"/>	ALL I.R.M.T. CONCERNS MITIGATED	

I.R.M.T. CONCERNS & COMMENTS:

MITIGATION STRATEGY:

MITIGATED

Retain north peninsula east of right of way if healthy	If utilized, no road development will take place	<input checked="" type="checkbox"/>
Deferral of any further harvest in this block during winter of 2019-20. Will re-mitigate, if necessary, following receipt of community input.	Agreed.	<input checked="" type="checkbox"/>



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: The Bluff
Ownership: Open Crown

FMU: 12
TWP: 45,46
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	2,272	402	893	3,036	5,311			261
VOLUME %	19	3	7	25	44	0	0	2
AVERAGE AGE	90		55	100	104			
HDWD %	29		SFTWD %		71			
M3/HA	36		M3/HA		85			
HDWD M3	<input type="text" value="3,567"/>		SFTWD M3		<input type="text" value="8,608"/>			TOTAL ALL
								<input type="text" value="12,174"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
M	8,29,30					144	205	

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input checked="" type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Red Deer Lake	100	Treed Buffer

LINE OF SIGHT/STRUCTURE RETENTION:
Hardwood, TL and non-merch bluffs will break up LOS

HARVEST COMMENTS/ISSUES:

Severe Blowdown in portions of this block, need to harvest ASAP. Evidence of past logging 80+ years ago in much of the remaining portions of the block



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="RD-01U"/>	Operating Area: The Bluff	FMU: 12
Cut Block Size (ha): 29.06	Ownership: Open Crown	TWP: 45,46
		RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	2,955		79	1,084	1,159			
VOLUME %	56	0	1	21	22	0	0	0
AVERAGE AGE	81			96	102			
HDWD %	57		SFTWD %		43			
M3/HA	104		M3/HA		77			
HDWD M3	<input type="text" value="3,034"/>		SFTWD M3		<input type="text" value="2,243"/>		TOTAL ALL	
							<input type="text" value="5,277"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	8,13,29,30							

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR: <input type="text"/>	SOFTWOOD VOLUME: <input type="text" value="2,131"/>
CONTINGENCY: <input type="text" value="2022"/>	HARDWOOD VOLUME: <input type="text" value="2,882"/>
HARVEST SEASON	
<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN
SOFTWOOD ALLOCATION: SPL	
HARDWOOD ALLOCATION: LP	

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/> CLEARCUT	<input type="checkbox"/> SHELTERWOOD	<input type="checkbox"/> WHOLE TREE
<input type="checkbox"/> SELECTION	<input type="checkbox"/> UNDERSTOREY PROTECTION	<input type="checkbox"/> WHOLE TREE / SPREAD
<input type="checkbox"/> SEED TREE	<input checked="" type="checkbox"/> AVOIDANCE	<input type="checkbox"/> PILE AND BURN
<input type="checkbox"/> SALVAGE	<input checked="" type="checkbox"/> PATCH RETENTION	<input type="checkbox"/> WLF DEBRIS PILE
	<input type="checkbox"/> DESIGNATED TRAILS	<input type="checkbox"/> PILE

SLASH ABATEMENT

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Hardwood, TL and non-merch bluffs will break up LOS

HARVEST COMMENTS/ISSUES:

Severe Blowdown in portions of this block, need to harvest ASAP. Evidence of past logging in much of the block 80+ years ago.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 162.00

Operating Area: The Bluff
Ownership: Open Crown

FMU: 12
TWP: 45,46
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	6,186	301		2,832	10,596			360
VOLUME %	31	1	0	14	52	0	0	2
AVERAGE AGE	75			96	102			
HDWD %	32		SFTWD %		68			
M3/HA	40		M3/HA		83			
HDWD M3	<input type="text" value="6,487"/>		SFTWD M3		<input type="text" value="13,788"/>			TOTAL ALL
								<input type="text" value="20,275"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	8,13,29,30							

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:
Hardwood, TL and non-merch bluffs will break up LOS

HARVEST COMMENTS/ISSUES:

Severe Blowdown in portions of this block, need to harvest ASAP. The original planned Block was 339 Ha, it will be split into 2 separate blocks moving forward, looking to harvest north portion this year (162 Ha), which is over 1000m away from Red Deer Lake at its closest point. Evidence of past logging in north central and north west portions of block, 80+ years ago



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 142.80

Operating Area: The Bluff
Ownership: Open Crown

FMU: 12
TWP: 45
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha): 110.00

Operating Area: The Bluff
Ownership: Open Crown

FMU: 12
TWP: 45
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block contains serious forest health issues, lots of disease and lots of wind damage/broken tops. Bunching will be very slow, and expensive.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: The Bluff
Ownership: Open Crown

FMU: 12
TWP: 44
RGE: 25

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block has pockets of JP and BS Mistletoe



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: The Bluff
Ownership: Open Crown

FMU: 12
TWP: 44
RGE: 26

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION

LINE OF SIGHT/STRUCTURE RETENTION:

Block shape, Topography, HW retention and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

Block has pockets of JP and BS Mistletoe

ROADS

Red Deer Road

Road Class 5

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
17.7	20	6	Frozen	2 to 4	E

Road Development Comments

This road starts at PTH 10 West through RD-01J, L, and M. The sections through L and M are new construction.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
SPL							X	

Road Closure Comments

Additional Comments: Old winter logging road from PTH 10 West to Red Deer Lake.

Red Deer A Road

Road Class 5

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
11.03	20	6	Frozen	2 to 4	P

Road Development Comments

This road is a winter road to access RD blocks N, P, Q, R and S.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
SPL							X	

Road Closure Comments

Additional Comments:

RD-01V Road

Road Class 5

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
6.39	20	6	Frozen	2 to 4	P

Road Development Comments

Winter road to access RD-01T, U and V.

ROAD DEACTIVATION PLAN

Road Closure Responsibility	Post Harvest	Post Renewal	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
SPL							X	

Road Closure Comments

Additional Comments:



OPERATING AREA SUMMARY

VIRGIN LAKE

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
FB-13	49.12			2022
FB-14	41.22			2022
SL-82	49.74			2022
FB-26	31.65			2022
FB-28	4.69			2022
FB-29	39.07			2022
FB-30	17.11			2022
FB-31	28.57			2022
FB-32	4.84			2022
FB-33	54.67			2022 C
FB-34	7.56			2022 C
FB-37	68.49			2022 C



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-13"/>	Operating Area: Virgin Lake	FMU:	14
Cut Block Size (ha): 49.12	Ownership: Open Crown	TWP:	43
		RGE:	29

PRE-HARVEST SURVEY INFORMATION								
VOLUME (M3) VOLUME % AVERAGE AGE	TA	BA	WB	WS	BS	JP	BF	TL
	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	HDWD %	#DIV/0!	SFTWD %	#DIV/0!				
	M3/HA	0	M3/HA	0	TOTAL ALL			
	HDWD M3	<input type="text" value="0"/>	SFTWD M3	<input type="text" value="0"/>	<input type="text" value="0"/>			

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
		<input type="checkbox"/>	
		<input type="checkbox"/>	
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION
Pond to South	20-85	Variable Buffer Flag as Shown
Creek to East	20-100	Variable Buffer Flag as Shown

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, and leave patches of snags/regen will all limit line of sight. All merchantable trees will be harvested due to severe forest health issues

HARVEST COMMENTS/ISSUES:

Fire Break Salvage Block - No PHS Data, Block has severe forest health issues.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-14"/>	Operating Area: Virgin Lake	FMU:	14
Cut Block Size (ha): <input type="text" value="41.22"/>	Ownership: Open Crown	TWP:	43
		RGE:	29

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS
		<input type="checkbox"/>	WHOLE TREE
		<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
		<input type="checkbox"/>	PILE AND BURN
		<input type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to South and West	25-70	Variable Buffer Flag as Shown on Map
Creek to North and East	20-40	Variable Buffer Flag as Shown on Map
Wetland to South	15-60	Variable Buffer Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, and leave patches of snags/regen will all limit line of sight. All merchantable trees will be harvested due to severe forest health issues

HARVEST COMMENTS/ISSUES:

Fire Break Salvage Block - No PHS Data, Block has severe forest health issues.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-26"/>	Operating Area: Virgin Lake	FMU: 14
Cut Block Size (ha): 31.65	Ownership: Open Crown	TWP: 42
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Pond to North	MFZ-80	Variable Buffer, Flag as Shown on Map
Creek to West	MFZ-25	Variable Buffer, Flag as Shown on Map
Creek to East	20-70	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-28"/>	Operating Area: Virgin Lake	FMU: 14
Cut Block Size (ha): 4.69	Ownership: Open Crown	TWP: 42
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Wetland to South	15-65	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-29"/>	Operating Area: Virgin Lake	FMU: 14
Cut Block Size (ha): 39.07	Ownership: Open Crown	TWP: 42
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0			TOTAL ALL
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>			<input type="text" value="0"/>

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to West	MFZ-100	Variable Buffer, Flag as Shown on Map
Pond to West	15-30	Variable Buffer, Flag as Shown on Map
Pond to South	25-65	Variable Buffer, Flag as Shown on Map
Pond to North and West	20-60	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-30"/>	Operating Area: Virgin Lake	FMU: 14
Cut Block Size (ha): 17.11	Ownership: Open Crown	TWP: 42
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to West	20-50	Variable Buffer, Flag as Shown on Map
Pond to South	40	Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-31"/>	Operating Area: Virgin Lake	FMU: 14
Cut Block Size (ha): 28.57	Ownership: Open Crown	TWP: 42
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Pond/Creek to west	20-45	Variable Buffer, Flag as Shown on Map
Wetland to East	MFZ-45	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-32"/>	Operating Area: Virgin Lake	FMU: 14
Cut Block Size (ha): 4.84	Ownership: Open Crown	TWP: 42
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text" value="2022"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Pond to West	20-50	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-33"/>	Operating Area: Virgin Lake	FMU: 14
Cut Block Size (ha): 54.67	Ownership: Open Crown	TWP: 42
		RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR: <input type="text"/>	SOFTWOOD VOLUME: <input type="text" value="0"/>
CONTINGENCY: <input type="text" value="2022"/>	HARDWOOD VOLUME: <input type="text" value="0"/>

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input checked="" type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION:	SPL
HARDWOOD ALLOCATION:	LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Pond to Northwest	30-85	Variable Buffer, Flag as Shown on Map
Wetland to Northeast	MFZ-25	Variable Buffer, Flag as Shown on Map
Pond to Southwest	20-40	Variable Buffer, Flag as Shown on Map
Pond to Southeast	25-60	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-34"/>	Operating Area: Virgin Lake	FMU: 14
Cut Block Size (ha): 7.58	Ownership: Open Crown	TWP: 42
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %		#DIV/0!			
M3/HA	0		M3/HA		0		TOTAL ALL	
HDWD M3	<input type="text" value="0"/>		SFTWD M3		<input type="text" value="0"/>		<input type="text" value="0"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text" value="2022"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
		<input type="checkbox"/>	

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to West	15-40	Variable Buffer, Flag as Shown on Map
Pond to North	MFZ	

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name: <input type="text" value="FB-37"/>	Operating Area: Virgin Lake	FMU: 14
Cut Block Size (ha): 68.49	Ownership: Open Crown	TWP: 42
		RGE: 28

PRE-HARVEST SURVEY INFORMATION								
	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)								
VOLUME %	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE AGE								
HDWD %	#DIV/0!		SFTWD %	#DIV/0!				
M3/HA	0		M3/HA	0		TOTAL ALL		
HDWD M3	<input type="text" value="0"/>		SFTWD M3	<input type="text" value="0"/>		<input type="text" value="0"/>		

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S								

HARVEST PRESCRIPTION INFORMATION			
HARVEST YEAR:	<input type="text"/>	SOFTWOOD VOLUME:	<input type="text" value="0"/>
CONTINGENCY:	<input type="text" value="2022"/>	HARDWOOD VOLUME:	<input type="text" value="0"/>
HARVEST SEASON		SOFTWOOD ALLOCATION:	SPL
<input type="checkbox"/>	ALL SEASON	HARDWOOD ALLOCATION:	LP
<input checked="" type="checkbox"/>	DRY		
<input checked="" type="checkbox"/>	FROZEN		

HARVEST/SILVICULTURE SYSTEM		SLASH ABATEMENT	
<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	WHOLE TREE
<input type="checkbox"/>	SELECTION	<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	SEED TREE	<input type="checkbox"/>	PILE AND BURN
<input checked="" type="checkbox"/>	SALVAGE	<input type="checkbox"/>	WLF DEBRIS PILE
		<input type="checkbox"/>	PILE
	<input type="checkbox"/>		

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to Northwest	25-50	Variable Buffer, Flag as Shown on Map
Lake to West	15-80	Variable Buffer, Flag as Shown on Map
Pond to North	15-40	Variable Buffer, Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, HW retention, BF/BS regen, Snags, and pockets of marginal / non-merchantable black spruce will break up LOS.

HARVEST COMMENTS/ISSUES:

This is an over mature harvest block. It has the typical rots found in the area including Armillaria, stem canker and brown cubicle rot. There is severe blowdown and lots of trees with broken tops in this block, will salvage as much as possible.



PRE-HARVEST CUT BLOCK PRESCRIPTION

Cut Block Name:
Cut Block Size (ha):

Operating Area: Virgin Lake
Ownership: Open Crown

FMU: 14
TWP: 43
RGE: 28

PRE-HARVEST SURVEY INFORMATION

	TA	BA	WB	WS	BS	JP	BF	TL
VOLUME (M3)	91		39		3,984			
VOLUME %	2	0	1	0	97	0	0	0
AVERAGE AGE								
HDWD %	3		SFTWD %		97			
M3/HA	3		M3/HA		80			
HDWD M3	<input type="text" value="130"/>		SFTWD M3		<input type="text" value="3,984"/>		TOTAL ALL	
							<input type="text" value="4,114"/>	

COVER TYPE	V TYPE(S)	SOILS				SOFTWOOD UNDERSTOREY (stems/ha)		
		S-TYPE	SURFACE	LFH (cm)	ECO-SITE	WS	BS	BF
S	17,30	S6	CL	11	BS-JP LTFM		242	825

HARVEST PRESCRIPTION INFORMATION

HARVEST YEAR:
CONTINGENCY:

SOFTWOOD VOLUME:
HARDWOOD VOLUME:

HARVEST SEASON

<input type="checkbox"/>	ALL SEASON
<input checked="" type="checkbox"/>	DRY
<input checked="" type="checkbox"/>	FROZEN

SOFTWOOD ALLOCATION: SPL
HARDWOOD ALLOCATION: LP

HARVEST/SILVICULTURE SYSTEM

<input checked="" type="checkbox"/>	CLEARCUT	<input type="checkbox"/>	SHELTERWOOD
<input type="checkbox"/>	SELECTION	<input type="checkbox"/>	UNDERSTOREY PROTECTION
<input type="checkbox"/>	SEED TREE	<input checked="" type="checkbox"/>	AVOIDANCE
<input checked="" type="checkbox"/>	SALVAGE	<input checked="" type="checkbox"/>	PATCH RETENTION
		<input type="checkbox"/>	DESIGNATED TRAILS

SLASH ABATEMENT

<input type="checkbox"/>	WHOLE TREE
<input checked="" type="checkbox"/>	WHOLE TREE / SPREAD
<input type="checkbox"/>	PILE AND BURN
<input type="checkbox"/>	WLF DEBRIS PILE
<input type="checkbox"/>	PILE

FEATURE	WIDTH (m)	BUFFER INFORMATION
Creek to West	10-65m	Variable Buffer Flag as Shown on Map

LINE OF SIGHT/STRUCTURE RETENTION:

Block size, shape, Topography, and leave patches of snags/regen will all limit line of sight. All merchantable trees will be harvested due to severe forest health issues

HARVEST COMMENTS/ISSUES:

Block has severe forest health issues.

ROADS

Virgin Lake

FB-29 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.07	20	8	Winter	1	P

Road Development Comments

This Road originates off the FB-31 Rd and will be used as an alternate access to blocks FB-29 and 30

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

FB-31 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
2.32	20	8	Winter	2	P

Road Development Comments

This road originates on the Nick Lake RD and will be used to access FB-26,29,30,31 and 32

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

FB-31 Alt Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.04	20	8	Winter	2	P

Road Development Comments

This Road originates off the Hoodoo and is an alternate access to blocks FB-26,29,30,31 and 32

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

Additional Comments:



ROADS

Virgin Lake

FB-36 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
0.95	20	8	Winter	1	P

Road Development Comments

This Road originates off the Nick Lake Rd and will be used to access blocks FB-36

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

FB-38 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
4.19	20	8	All Season	2	P

Road Development Comments

This road originates on the Lost Lake RD and will be used to access FB-38

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

FB-39 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.45	20	8	All season	2	P

Road Development Comments

This road originates on the Lost Lake RD and will be used to access FB-39

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

Additional Comments:



ROADS

Virgin Lake

FG-13 Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
1.43	20	8	Winter	1	P

Road Development Comments

This Road originates off the FB-31 Alt Road and will be used to access blocks FG-13

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

Hoodoo Rd

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
3.29	30	8	All Season	4	E

Road Development Comments

This road originates on the Virgin Lake RD and will be used to access ST Blocks and possibly FB-26,29,30,31,32

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

This road will not be retired until all timber harvested has been processed and removed. Quad access will be left to allow tree planting activities.

Additional Comments:

Lost Lake Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
11.42	30	8	All season	4	E

Road Development Comments

This road originates on the Virgin Lake RD and will be used to access many FB blocks and future blocks to the west of FB area

ROAD DEACTIVATION PLAN

Road Closure Responsibility

Quota Holder

Post Harvest
Post Renewal

Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
X	X				

Road Closure Comments

Additional Comments:



ROADS

Nick Lake Road

Road Class 4

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)
5.75	30	8	All season	4	P

Road Development Comments

This road originates on the Lost Lake RD and will be used to access many FB blocks and future blocks to the west of FB area

ROAD DEACTIVATION PLAN

Road Closure Responsibility
Quota Holder

	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Post Harvest						
Post Renewal	X	X				

Road Closure Comments

Additional Comments:

Road Class

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)

Road Development Comments

ROAD DEACTIVATION PLAN

Road Closure Responsibility

	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Post Harvest						
Post Renewal						

Road Closure Comments

Additional Comments:

Road Class

ROAD DEVELOPMENT PLAN

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (Yrs)	Existing (E) Proposed (P)

Road Development Comments

ROAD DEACTIVATION PLAN

Road Closure Responsibility

	Crossing Removal	Slash and Debris	Berm	Site Prep	Spring Thaw	None
Post Harvest						
Post Renewal						

Road Closure Comments

Additional Comments:



OPERATING AREA SUMMARY

WHITEFISH LAKE

FMU 14

BLOCK	AREA (HA)	HDWD M3	SFTWD M3	YEAR
WFL-104	14.20	2,468	71	2023 C
WFL-105	42.20	7,385	211	2023 C
WFL-209	14.70	2,567	73	2023 C



Phone: --
Fax: --

Cut Block Name: WFL-104	Twp & Rge: t38r29w	Cut Block Size: 14.2 ha
OPERATING AREA: Whitefish Lake	Ownership: Open Crown	Mapsheet: 320579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type							
Eco Site							

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,468
SOFTWOOD VOLUME (m3): 71

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE	WIDTH (m)	DETAILS
0		

NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately **113** to **170** trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.
Keep existing trail located on the E side free of debris.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Cut Block Name: WFL-105	Twp & Rge: t38r29w	Cut Block Size: 42.2 ha
OPERATING AREA: Whitefish Lake	Ownership: Open Crown	Mapsheet: 320579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	
Eco Land Classification			Soils Summary		
			1st	2nd	3rd
V Type					
Eco Site					
Cover Type:		IBWC Cnt: 0			

HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP
SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 7,385
SOFTWOOD VOLUME (m3): 211

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE WIDTH (m) DETAILS

NOTE : IBWC = In Block Water Course

1	Stream	50-100	Located on the W side. Harvest as shown on map.
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WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 338 to 506 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

--	--



Phone: --
Fax: --

Cut Block Name: WFL-209	Twp & Rge: t38r29w	Cut Block Size: 14.7 ha
OPERATING AREA: Whitefish Lake	Ownership: Open Crown	Mapsheet: 320579
LICENCE: MQHA	Management Unit: 14	Land Status:

PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA				0%	0	0
WB				0%	0	0
Total HW				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				0%	0	0
Block Total:					0	0

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type							
Eco Site							

Cover Type:	IBWC Cnt: 0
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HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION LP
SOFTWOOD ALLOCATION SPL

HARDWOOD VOLUME (m3): 2,567
SOFTWOOD VOLUME (m3): 73

HARVEST SEASON

- ALL SEASON
- FROZEN
- DRY/FROZEN

HARVEST/SILVICULTURE SYSTEM

- CLEARCUT
- SELECTION
- SEED TREE
- SALVAGE
- SHELTERWOOD
- UNDERSTOREY PROTECTION
- AVOIDANCE
- PATCH RETENTION
- DESIGNATED SKID TRAILS

SLASH ABATEMENT

- WHOLE TREE
- PILE & BURN
- WLF DEBRIS PILE
- WHOLE TREE TOP AT STUMP

BUFFER INFORMATION

FEATURE	WIDTH (m)	DETAILS
0		

NOTE : IBWC = In Block Water Course

WILDLIFE TREE RETENTION: As per Standard Operating Guidelines leave approximately 117 to 176 trees.

SEVERE EROSION RISK POTENTIAL:

HARVEST COMMENTS/ISSUES:

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



Phone: --
Fax: --

RENEWAL PRESCRIPTION INFORMATION

RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SITE PREPARATIONS

PREF.	ALT.	
<input type="checkbox"/>	<input type="checkbox"/>	DRAG
<input type="checkbox"/>	<input type="checkbox"/>	MOUND
<input type="checkbox"/>	<input type="checkbox"/>	TRENCH
<input type="checkbox"/>	<input type="checkbox"/>	WINTER RIPPER
<input type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: H

RENEWAL ACCESS

<input type="checkbox"/>	ATV
<input type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total

Survey Summary		
Type	Series	Year
Reforestation	First	2028

RENEWAL COMMENTS/ISSUES:

PRESCRIPTION REVIEW AND MITIGATION

INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

EXTERNAL REVIEW

- SUBMITTED TO IRMT on
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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Roads

Whitefish Lake

WFL-8A (existing)

Additional Road Development Comments

This road accesses blocks WFL-104 and 209 and is part of the access to block WFL-105.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.5	20	8	Dry/Frozen	50

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This is an existing trail which will remain open.							

WFL-8A-2A

Additional Road Development Comments

This road accesses block WFL-105.

Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.2	20	8	Dry/Frozen	15

Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris and Slash	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris.				