

# FOREST MANAGEMENT LICENSE # 3

2022-2024

## OPERATING PLAN

*Volume II: Integrated Operations by  
Operating Area*

Booklet 2 of 2

PRV to WNL



LP CANADA LTD.

SWAN VALLEY FOREST RESOURCES DIV



**LP Swan Valley**  
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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 11

### Pretty Valley

PRV-011	39.63 Hectares			2023 Harvest
HW Allocation	5,143 m3		LP	
SW Allocation	1,929 m3		SPL	
PRV-012	60.22 Hectares			2023 Harvest
HW Allocation	7,850 m3		LP	
SW Allocation	170 m3		SPL	
PRV-031	20.43 Hectares			2023 Harvest
HW Allocation	3,516 m3		LP	
SW Allocation	0 m3		SPL	





# Pretty Valley Operating Area

Pretty Valley (PRV)

Alpine (ALP)

Sarah Lake (SRL)

PRV-011

PRV-012

PRV-031

Duck Mountain Provincial Park  
Backcountry

## Legend

### Proposed Crossings

- Proposed Bridge
- Proposed Crossing, Other
- Proposed Crossing, Stream
- Proposed Culvert, Other
- Proposed Culvert, Stream

### Harvest Areas

- 2022 - Harvest
- 2022 - Contingency
- 2023 - Harvest
- 2023 - Contingency
- 2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.



# Roads

# Pretty Valley

## PRV-3A (existing)

### Additional Road Development Comments

This road accesses block PRV-031. It is an existing trail which is used by the landowner to access his private land.

### 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	50

### 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This is an existing road which will remain open.

## PRV-6A (existing)

### Additional Road Development Comments

This road accesses block PRV-012.

### 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	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<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"/>	This road was last used in 1996. The road will be closed with slash and debris at selected locations in block PRV-012. Selected locations include landings and other areas where debris accumulates.

## PRV-6A-1A (existing)

### Additional Road Development Comments

This road accesses block PRV-011.

### 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	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<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"/>	The road will be closed with slash and debris at selected locations in block PRV-012. Selected locations include landings and other areas where debris accumulates.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> PRV-011	<b>Twp &amp; Rge:</b> t34r27w	<b>Cut Block Size:</b> 39.6 ha
<b>OPERATING AREA:</b> Pretty Valley	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 340575
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	72	19.8	28	57%	108	4,278
BA		16.3	28	11%	21	833
WB		17.8	24	4%	8	302
<b>Total HW</b>				<b>73%</b>	<b>137</b>	<b>5,413</b>
WS	104	20.9	28	27%	51	2,030
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>27%</b>	<b>51</b>	<b>2,030</b>
<b>Block Total:</b>					<b>188</b>	<b>7,443</b>

Understory Stems/ha and Distribution						
WS		BS		BF		
44	Clumped					

Eco Land Classification	1st			2nd			3rd		
	V Type	05	08	13					
	Eco Site	32							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
05	S10	2	Clay Loam

Cover Type: N	IBWC Cnt: 3
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,143  
 SOFTWOOD VOLUME (m3): 1,929

### 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 the 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 317 to 476 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is on NW6-34-27 which is coded A1.  
 Small area of blowdown near plot 10. Merchantable trees will be salvaged if possible.  
 Maintain 300m LOS for elk.  
 300 meter LOS for Elk.  
 Maintain a max of 8 WDP's approximately 30-70 m from block edge and where possible adjacent to swd stands outside of block.  
 Maintain structure along IBWC's located near plots 2 and 3.  
 Keep existing trails free of debris after harvest.  
 Keep debris and equipment off private land located on the N and W sides of block.  
 Notify bear bait owner of harvest.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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 checked="" type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2024	Sp	WS	1600	15840

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Regeneration	First	2034

### RENEWAL COMMENTS/ISSUES:

Planting top NW section of the block

## 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 10/18/19
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Visual buffer with residual stand structure on N and W edges.</p> <p>Remove bear bait owners name and phone number from prescription.</p> <p>Stream on E side not W?</p> <p>IRMT requested 300 meter LOS.</p> <p>300 n LOS for elk.</p> <p>Need WLDP's.</p>	<p>Currently lots of young poplar along the west, will be some left along the north with assessment line buffer.</p> <p>Agreed.</p> <p>Correct. Changed prescription.</p> <p>Agreed</p> <p>Agreed.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> PRV-012	<b>Twp &amp; Rge:</b> t34r27w	<b>Cut Block Size:</b> 60.2 ha
<b>OPERATING AREA :</b> Pretty Valley	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 340575
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	69	19.8	25	73%	102	6,136
BA	120	22.2	32	18%	25	1,502
WB		17.9	26	7%	10	626
<b>Total HW</b>				98%	137	8,264
WS	134	25.0	66	2%	3	179
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				2%	3	179
<b>Block Total:</b>					<b>140</b>	<b>8,443</b>

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	08		05	S3	2	Silt
Eco Site		22	32		04	S5	2	Silt Loam
Cover Type: H		IBWC Cnt: 0						

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 7,850  
 SOFTWOOD VOLUME (m3): 170

### 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 the W side. Structure will be maintained. Harvest as shown on map.
2	Stream	MFZ	Located on S side. Structure will be maintained. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 482 to 723 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is on Sec 6-34-27 which is coded A1.  
 300 meter LOS for Elk.  
 Maintain existing trails free of debris after harvest.  
 Keep debris and equipment off private land located on the N side of the block.  
 Notify bear bait owner of harvest.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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 **10/18/19**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>IRMT requested 300 meter LOS.            Buffer/MFZ stream on W side.</p>	<p>Agreed            Agreed.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> PRV-031	<b>Twp &amp; Rge:</b> t33r28w	<b>Cut Block Size:</b> 20.4 ha
<b>OPERATING AREA:</b> Pretty Valley	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 330574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	64	15.9	25	80%	146	2,978
BA		15.4	24	20%	35	723
WB				0%	0	0
<b>Total HW</b>				100%	181	3,701
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					181	3,701

Understory Stems/ha and Distribution					
WS		BS		BF	
<b>Eco Land Classification</b>					
		1st	2nd	3rd	
<b>V Type</b>		05			
<b>Eco Site</b>		32			
<b>Cover Type:</b> H		<b>IBWC Cnt:</b> 2			

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
05	S5	2	Loam

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,516  
 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

1	2
Flood	MFZ
Stream	30-100

Located on SW side. Expanding beaver flood. Harvest as shown on map.  
 Ruby Creek located on E side. Variable buffer 30 to 100+ m. Harvest as shown on map.

NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 163 to 245 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Block was edited in 2019 to add additional area on the south side up to the 2012 harvest block, PRV-030. Approximately 9 hectares was added to the block. This addition captures the remaining merchantable wood south of the original block.

This block is on the NW and NE29-33-28W which is coded A/C.

Beaked hazel is present throughout the block.

This block has relatively flat topography.

Maintain shrub and treed structure around small open wet areas located along N edge and SW corner of the block.

Keep debris off trail on W side. Trail used by landowner to access private land.

Keep equipment and trees off private land on N side.

Bear bait on NE side. If posted check with owner about harvest.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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	2028

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/24/11**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Traditional camping area.

Will ensure adequate road closure into harvest area. Main road is used by landowner to access private land so main road will remain open.



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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML  
 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 11

**Renwer**

<b>RWR-007</b>	9.84 Hectares		2023 Contingency
HW Allocation	1,476 m3	LP	
SW Allocation	0 m3	SPL	
<b>RWR-008</b>	26.66 Hectares		2022 Contingency
HW Allocation	5,384 m3	Quota Holder/LP	
SW Allocation	0 m3	SPL	
<b>RWR-013</b>	14.72 Hectares		2023 Contingency
HW Allocation	2,199 m3	LP	
SW Allocation	0 m3	SPL	
<b>RWR-014</b>	9.02 Hectares		2023 Contingency
HW Allocation	1,752 m3	LP	
SW Allocation	0 m3	SPL	
<b>RWR-015</b>	16.87 Hectares		2023 Contingency
HW Allocation	2,531 m3	LP	
SW Allocation	0 m3	SPL	
<b>RWR-022</b>	21.08 Hectares		2023 Contingency
HW Allocation	3,165 m3	LP	
SW Allocation	0 m3	SPL	



# Renwer Operating Area

Cryderman's Pit (CRP)

Renwer (RWR)

RWR-022

RWR-141

RWR-140

RWR-137

RWR-017

RWR-139

East Favel (EAF)

West Favel (WEF)

Minitonas Creek (MNC)

RWR-014  
RWR-015  
RWR-008  
RWR-013  
RWR-007

Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.



# Roads

# Renwer

## RWR-13A

### Additional Road Development Comments

This road starts on private land and accesses blocks RWR-022 and CRP-073.

### 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	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 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 in block RWR-022.

## RWR-7A (existing)

### Additional Road Development Comments

This road is part of the access to blocks RWR-007, 008, 013, 014 and 015.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.8	15	6	Frozen	50

### 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 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.

## RWR-7A-1A, 1B and 1C

### Additional Road Development Comments

These roads access blocks RWR-008, 013 and 015 and are part of the access to blocks RWR-007 and 014. This new access avoids using the Snowman trail along the provincial forest boundary.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.8	15	6	Frozen	10

### Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
Quota Holder/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"/>	<input type="checkbox"/>	A berm will be placed at the start of the road. Slash and debris will be spread at selected locations in blocks RWR-008 and 015.



**RWR-7A-1B-1A**

**Additional Road Development Comments**

This road accesses block RWR-007.

**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		Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest	<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"/>	This road will be closed with slash and debris at selected locations in block RWR-015.
	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"/>	



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>RWR-007</b>	<b>Twp &amp; Rge:</b> <b>t35r26w</b>	<b>Cut Block Size:</b> <b>9.8 ha</b>
<b>OPERATING AREA:</b> <b>Renwer</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>350575</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>11</b>	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>			

## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **1,476**  
 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	Wetland	MFZ	Located on the W, S and E sides. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **79** to **118** 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.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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Renwer - RWR-007



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Contingency**

<b>Cut Block Name:</b> <b>RWR-008</b>	<b>Twp &amp; Rge:</b> <b>t35r26w</b>	<b>Cut Block Size:</b> <b>26.7 ha</b>
<b>OPERATING AREA:</b> <b>Renwer</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>350576</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>11</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	55	21.3	37	4%	9	230
BA		20.2	25	57%	120	3,212
WB		18.1	21	39%	83	2,225
<b>Total HW</b>				<b>100%</b>	<b>213</b>	<b>5,667</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>213</b>	<b>5,667</b>

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	04	05	07	S5	2	Clay Loam
Eco Site		32			05	S5	2	Sandy Clay Loam
<b>Cover Type:</b> H		<b>IBWC Cnt:</b> 5						

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **Quota Holder/LP**  
 SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **5,384**  
 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	Wetland	MFZ	Located on the SE side. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **213** to **320** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is on quarter section SW4-35-26 which is coded A/B/C/D.  
 Mountain maple is present throughout the block. Beaked hazel and blue-joint grass are present in small amounts.  
 This block has moderately undulating topography.  
 300 meter LOS for Elk  
 Maintain structure on IBWC's located on the E side and one which runs from the SE side through the block and exits at the NW side by plot 12.  
 With the high volume of birch in this block it may be a potential site for Intermountain Logging to obtain some of their quota with a temporary quota transfer.  
 Ensure west and north boundaries do not encroach on private land to the west and north.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 10/12/12
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

Mitigated

<p>Defer block due to age and lack of blow down. Defer to blow down area.            IRMT requested 300 meter LOS</p>	<p>Age is misleading as only one aspen was aged and this aspen had a 37cm DBH. Not likely only 55 years old. Block changed to contingency.            Agreed</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>RWR-013</b>	<b>Twp &amp; Rge:</b> <b>t35r26w</b>	<b>Cut Block Size:</b> <b>14.7 ha</b>
<b>OPERATING AREA:</b> <b>Renwer</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>350575</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>11</b>	<b>Land Status:</b>

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>			

## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **2,199**  
 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	Wetland	MFZ	Located on the 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 **118** to **177** 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.  
 Private land on W side. Ensure boundary is flagged prior to harvest.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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Renwer - RWR-013



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>RWR-014</b>	<b>Twp &amp; Rge:</b> <b>t35r26w</b>	<b>Cut Block Size:</b> <b>9.0 ha</b>
<b>OPERATING AREA:</b> <b>Renwer</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>350576</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>11</b>	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>			

## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **1,752**  
 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

0		
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NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **72** to **108** 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.  
 Private land on W side. Ensure boundary is flagged prior to harvest.  
 This block is in an area of blow down from the June 2012 wind storm. The block has not been surveyed. Due to the amount of deris the block will not be flagged prior to harvest. All topping and limbing will be done at the landing. Debris will be piled and burnt, chipped or spread on the roads and landings.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>RWR-015</b>	<b>Twp &amp; Rge:</b> <b>t35r26w</b>	<b>Cut Block Size:</b> <b>16.9 ha</b>
<b>OPERATING AREA:</b> <b>Renwer</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>350576</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>11</b>	<b>Land Status:</b>

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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	01					
Eco Site							

Cover Type:	IBWC Cnt: 1
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,531  
 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	Wetland	MFZ	Located on the S side. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **135** to **202** 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.  
 Private land on the NW corner. Ensure boundary is flagged prior to harvest.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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Renwer - RWR-015



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>RWR-022</b>	<b>Twp &amp; Rge:</b> <b>t35r25w</b>	<b>Cut Block Size:</b> <b>21.1 ha</b>
<b>OPERATING AREA:</b> <b>Renwer</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>360576</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>11</b>	<b>Land Status:</b>

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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

## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **3,165**  
 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 **169** to **253** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Private land on the W and S sides. Ensure boundaries are GPS'ed.  
 This block is on NE28-35-25 which is coded A1.  
 This block is in the area affected by the blow down event from 2012.  
 This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

## 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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Renwer - RWR-022



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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 10

**Roblin**

<b>RBN-003</b>	21.45 Hectares	2022 Contingency
HW Allocation	3,731 m3	LP
SW Allocation	0 m3	SPL
<b>RBN-004</b>	11.54 Hectares	2022 Contingency
HW Allocation	1,620 m3	LP
SW Allocation	0 m3	SPL



Roblin Operating Area

Boggy Creek (BGC)

Arm Lake (ARL)

Roblin (RBN)

Sinnott Lake (SNL)

RBN-003  
RBN-004

Legend

Proposed Crossings

- Proposed Bridge
- Proposed Crossing, Other
- Proposed Crossing, Stream
- Proposed Culvert, Other
- Proposed Culvert, Stream

Harvest Areas

- 2022 - Harvest
- 2022 - Contingency
- 2023 - Harvest
- 2023 - Contingency
- 2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.







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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Contingency**

<b>Cut Block Name:</b> <b>RBN-003</b>	<b>Twp &amp; Rge:</b> <b>t27r27w</b>	<b>Cut Block Size:</b> <b>21.5 ha</b>
<b>OPERATING AREA:</b> <b>Roblin</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>340569</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	57	17.1	22	88%	161	3,452
BA	42	19.5	24	12%	22	476
WB				0%	0	0
<b>Total HW</b>				<b>100%</b>	<b>183</b>	<b>3,928</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>183</b>	<b>3,928</b>

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			08	S5	2	Clay Loam
Eco Site		32	22		06	S4	2	Silt
Cover Type: H		IBWC Cnt: 3						

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,731  
 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	MFZ	Floods/stream located along S and W sides. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **172** to **257** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel, alder and blue-joint grass are present in the block.  
 This block has moderately undulating topography.  
 This block is on the NW29-27-27W which is coded C4.  
 This block has had extensive flooding. There are approximately 3 more hectares flooded which showed up from the survey but do not show on the map. These are not removed from the block since their exact location will be determined in the field. Portions of this block may not be harvested due to flooding.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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	2028

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/31/14
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Concern for reduced mature cover for elk wintering. Regen not suitable.</p> <p>Very little cover remaining. Private land cleared. Prefer not to be harvested.</p> <p>No harvest to occur. Long term leave area for elk.</p>	<p>Need a joint inspection to determine level of use, habitat potential for diversity, current and long term timber and wildlife values.</p> <p>Block is falling out due to age and beaver activity. Will proceed with harvest.</p> <p>Will show as contingency. Not approved for harvest until field visit scheduled for Feb 17, 2016.</p>	<input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Contingency**

<b>Cut Block Name:</b> <b>RBN-004</b>	<b>Twp &amp; Rge:</b> <b>t27r27w</b>	<b>Cut Block Size:</b> <b>11.5 ha</b>
<b>OPERATING AREA:</b> <b>Roblin</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>340569</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	66	17.4	24	97%	143	1,655
BA	49	19.3	30	3%	4	50
WB				0%	0	0
<b>Total HW</b>				<b>100%</b>	<b>148</b>	<b>1,705</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>148</b>	<b>1,705</b>

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

## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **1,620**  
 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	Feature	Width (m)	Details
1	Flood	MFZ	Flood/stream located along N side. Structure will be maintained. Harvest as shown on map.
2	Roads	50	Located on W side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **92** to **138** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel, rose and raspberry are present in the block.  
 This block has moderately undulating topography.  
 This block is on the NW29-27-27W which is coded C4.  
 This block has had extensive flooding. Portions of this block may not be harvested due to flooding.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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	2028

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/31/14
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Very little cover remaining. Private land cleared. Prefer not to be harvested.</p> <p>Concern for reduced mature cover for elk wintering. Regen not suitable.</p> <p>No harvest to occur. Long term leave area for elk.</p>	<p>Block is falling out due to age and beaver activity. Will proceed with harvest. Will increase buffer to 50m along RM road wes side.</p> <p>Need a joint inspection to determine level of use, habitat potential for diversity, current and long term timber and wildlife values.</p> <p>Will show as contingency. Not approved for harvest until field visit scheduled for Feb 17, 2016.</p>	<input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>
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Roblin - RBN-004



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## Integrated Operations by Operating Area

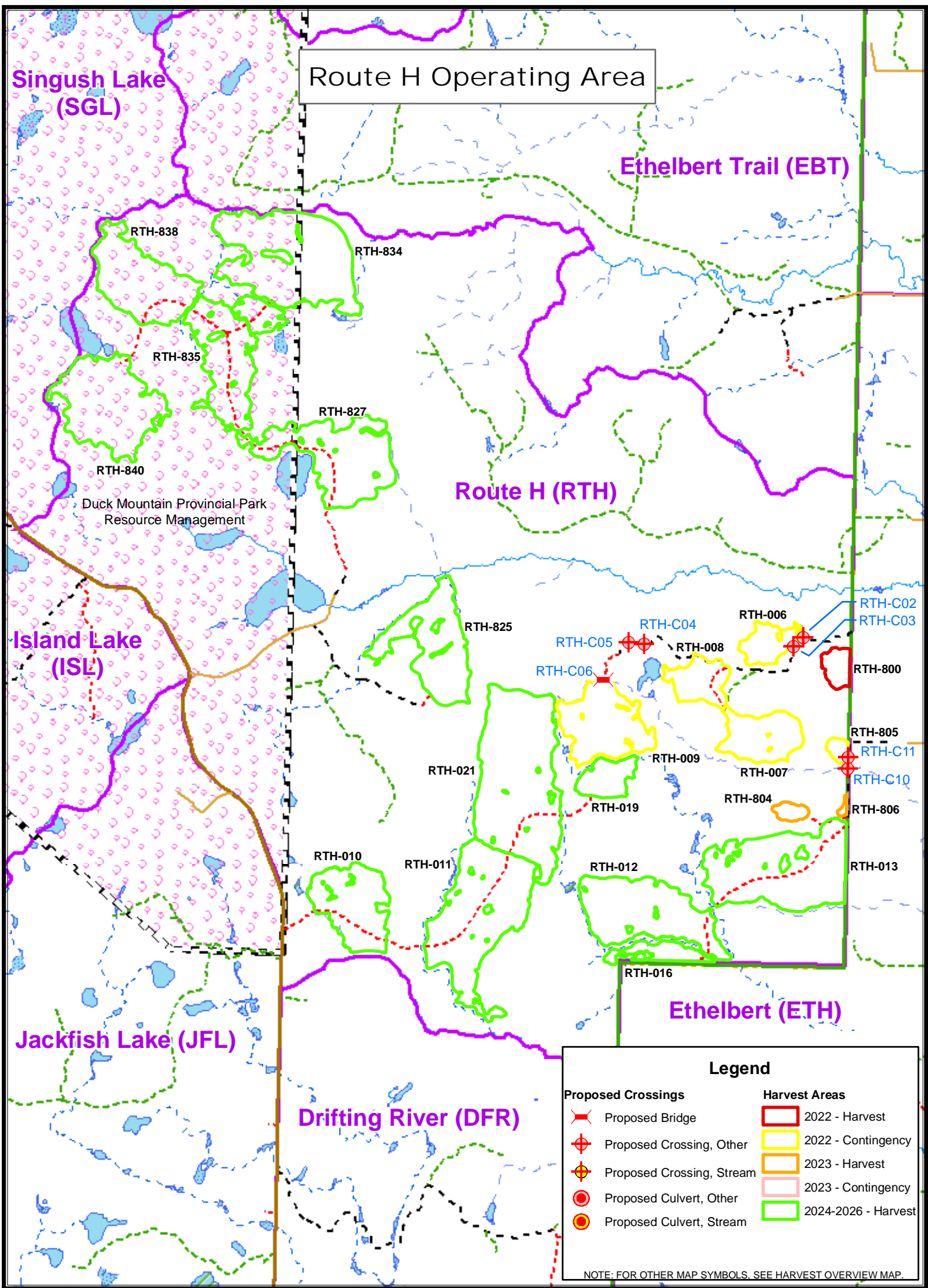
**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML  
 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### Route H

<b>RTH-006</b>	34.92 Hectares		2022 Contingency
HW Allocation	2,490 m3	LP	
SW Allocation	2,338 m3	SPL	
<b>RTH-007</b>	69.19 Hectares		2022 Contingency
HW Allocation	9,546 m3	LP	
SW Allocation	904 m3	SPL	
<b>RTH-008</b>	46.24 Hectares		2022 Contingency
HW Allocation	4,517 m3	LP	
SW Allocation	667 m3	SPL	
<b>RTH-009</b>	106.95 Hectares		2022 Contingency
HW Allocation	16,164 m3	LP	
SW Allocation	2,291 m3	SPL	
<b>RTH-800</b>	19.88 Hectares		2022 Harvest
HW Allocation	100 m3	LP	
SW Allocation	114 m3	Quota Holder	
<b>RTH-804</b>	10.56 Hectares		2023 Harvest
HW Allocation	15 m3	LP	
SW Allocation	114 m3	Quota Holder	
<b>RTH-805</b>	9.14 Hectares		2022 Contingency
HW Allocation	134 m3	LP	
SW Allocation	114 m3	Quota Holder	
<b>RTH-806</b>	2.11 Hectares		2023 Harvest
HW Allocation	5 m3	LP	
SW Allocation	114 m3	Quota Holder	





Route H Operating Area

Singush Lake (SGL)

Ethelbert Trail (EBT)

Route H (RTH)

Island Lake (ISL)

Duck Mountain Provincial Park  
Resource Management

Ethelbert (ETH)

Jackfish Lake (JFL)

Drifting River (DFR)

Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.





# Roads

# Route H

## RTH-2A to 2D (existing)

### Additional Road Development Comments

These roads are the access to blocks RTH-006 to 009. These roads were built in 2001. The access to these roads is on private land between 2 quarter sections.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
4.2	20	8	Dry/Frozen	15

### 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 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 after harvest and renewal at selected locations where available, especially along blocks RTH-006 and 008. ATV access will be required for renewal and surveys.

## RTH-2C-1A

### Additional Road Development Comments

This road accesses block RTH-007. Most of this road goes through block RTH-008 which was harvested in 2001.

### 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	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<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 be closed with slash and debris at selected locations in block RTH-008. ATV access will be required for renewal and surveys.

## RTH-2E

### Additional Road Development Comments

This road accesses block RTH-009. Most of this road goes through block RTH-005 which was harvested in 2001.

### 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	15

### 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris where available in block RTH-005 (2001 harvest block). ATV access will be required for renewal and surveys.

**RTH-6A (existing)**

**Additional Road Development Comments**

**Road Development:**

This is an existing road that connects to and follows the Provincial Forest boundary. This road accesses blocks RTH-805 and 806 and is part of the access to block RTH-804.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.8	15	6	Frozen	50

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Quota Holder/LP			<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. This is a winter road which will melt restricting access. Crossing RTH-C10 and C11 will melt restricting access.

**RTH-6A-1A**

**Additional Road Development Comments**

**Road Development:**

This road follows a well used trail for most of its length. The road accesses block RTH-804. This road is also a trappers trail.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.6	15	6	Frozen	50

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Quota Holder/LP			<input 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. This is a winter road which will melt restricting access.



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> RTH-C02		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Route H	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5705688	<b>UTM Easting:</b>	389566
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE14-29-23W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	02-June-2016
<b>Channel Width (m):</b>	0.5	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.1	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	RTH-2A		

**Site Description:**

This feature is a beaver flood which has extended onto the old 2001 harvest road. It is a small alder/willow swale flowing into the flood. The substrate is clay/organic.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<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 RTH-C02



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> RTH-C03		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Route H	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5705554	<b>UTM Easting:</b>	389422
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW14-29-23W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	02-June-2016
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	RTH-2B		

**Site Description:**

This crossing is caused by the beaver flood at crossing RTH-C02 backing up onto the old 2001 harvest road. There is a small overland drain flowing into the feature. Substrate is clay/organic. Small downstream dam will be 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>




<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<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 RTH-C03

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> RTH-C04		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Route H	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5705589	<b>UTM Easting:</b>	387264
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW15-29-23W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	02-June-2016
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	RTH-2D		

**Site Description:**

This is a small sedge meadow on the old 2001 harvest road. The feature is an alder/willow swale on each side of the road. The substrate is organic. The meadow is approximately 50m wide.

**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"/>




<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<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 RTH-C04

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> RTH-C05		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Route H	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5705612	<b>UTM Easting:</b>	387042
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW15-29-23W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	02-June-2016
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	RTH-2D		

**Site Description:**

This crossing is a beaver flood which is probably on a small drain. The downstream dam will be removed to lower the water level at the crossing. This crossing is on an old harvest road used in 2001.

**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"/>




<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<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 RTH-C05

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> RTH-C06		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Route H	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5705081	<b>UTM Easting:</b>	386679
<b>Stream Type:</b>	Permanent	<b>Land Description:</b>	SE16-29-23W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	02-June-2016
<b>Channel Width (m):</b>	2.0	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.3	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	RTH-2E		

**Site Description:**

This is a permanent stream in a mixed wood stand. The substrate is rock/gravel/sand and silt. The banks are approximately 0.5m high. There were no fish seen at time of inspection.

**General Considerations:**

LP will follow DFO Operational Statement for clear span bridges.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>




**Installation & Removal Notes:**

A 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 will be seeded with grass and if required erosion control matting or straw mulch will be used to further stabilize the site.



# PROPOSED CROSSING RTH-C06

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> RTH-C10		<b>Ownership:</b> Quota Holder/LP	
<b>Operating Area:</b>	Route H	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5703952	<b>UTM Easting:</b>	390215
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE11-29-23W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	18-October-2018
<b>Channel Width (m):</b>	0.5	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.05	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	RTH-6A		

**Site Description:**

Stream crosses Provincial Forest boundary at crossing. Well used ATV trail. Substrate is rock, sand and silt. There are no banks. Crossing is in mixed wood stand alder/BF/WS/TA/BA.

**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"/>




<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<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 RTH-C10

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> RTH-C11		<b>Ownership:</b> Quota Holder/LP	
<b>Operating Area:</b>	Route H	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5703792	<b>UTM Easting:</b>	390209
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE11-29-23W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	18-October-2018
<b>Channel Width (m):</b>	0.5	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.05	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	RTH-6A		

**Site Description:**

Stream crosses Provincial Forest boundary at crossing. Well used ATV trail. Substrate is cobble, sand and silt. There are no banks. Crossing is in mixed wood stand alder/willow/BF.

**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:**

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<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 RTH-C11



Across



Upstream



Downstream



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> RTH-006	<b>Twp &amp; Rge:</b> t29r23w	<b>Cut Block Size:</b> 34.9 ha
<b>OPERATING AREA:</b> Route H	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 380570
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		20.1	32	47%	68	2,376
BA		20.0	22	1%	1	41
WB		15.5	20	4%	6	204
<b>Total HW</b>				52%	75	2,621
WS	84	20.5	29	43%	62	2,162
BS				0%	0	0
JP				0%	0	0
BF		20.3	25	6%	9	299
<b>Total SW</b>				48%	70	2,461
<b>Block Total:</b>					<b>146</b>	<b>5,082</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
56	Clumped			322	Uniform

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	LFH(cm)	S-Type	Moisture	Surface Texture						
	05	13	06	10	S8	5	Sandy Loam			
	22									

Cover Type: N	IBWC Cnt: 3
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,490  
 SOFTWOOD VOLUME (m3): 2,338

#### 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 279 to 419 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Maintain a maximum of 7 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Maintain structure along IBWC that runs through the block from plot 9 to plot 5. This feature is crossing RTH-C03.  
 Keep equipment and debris out of harvested areas located on the N and S sides of the block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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
2024	Sp	WS	1600	14040

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Reforestation	First	2035

### RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located in the central portion of the block (Plots 1 and 17). These areas will be harvested with concentrated clumps of BF being maintained.  
 Back edges of block being planted so all roads require 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 11/11/16
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Joint inspection at harvest to plan in block renewal access and road closure

The closure will have to happen at the end of harvest. Equipment will not be able to get here in the summer.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> RTH-007	<b>Twp &amp; Rge:</b> t29r23w	<b>Cut Block Size:</b> 69.2 ha
<b>OPERATING AREA :</b> Route H	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 380570
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	95	18.9	28	53%	85	5,870
BA	88	18.2	28	17%	27	1,871
WB		16.8	23	21%	33	2,308
Total HW				91%	145	10,049
WS	69	16.5	20	4%	6	443
BS		16.5	34	0%	1	42
JP	125	16.5	22	3%	4	295
BF		12.0	22	2%	2	172
Total SW				9%	14	952
<b>Block Total:</b>					<b>159</b>	<b>11,001</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
81	Clumped	50	Clumped	88	Clumped

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	05	13	01	09	S10	6	Loamy Sand		
	41								

Cover Type: H	IBWC Cnt: 1
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 9,546  
 SOFTWOOD VOLUME (m3): 904

#### 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	Located along the S side. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 554 to 830 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Maintain a maximum of 13 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Maintain structure along IBWC located on the N side of the block near plots 24 to 27. This feature may be used as the block boundary if it is feasible.  
 This block has a high volume of birch. Most of the birch is located in the NW portion of the block, plots 19, 20, 21, 27 and 28. This area will be selectively harvested (if possible) if no quota holder or permittee will claim the birch volume.  
 Keep equipment and debris out of harvested areas located on the N and W sides of the block.  
 Contact bear bait owner if it is posted to inform them of the harvest. The bait is located between plots 11 and 4. Maintain the existing trail to this bait free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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	2028

### RENEWAL COMMENTS/ISSUES:

Area of WS understory >500 stems/ha and <6m in height is located in the SE portion of the block (plot 3). Clumps of understory will be protected in patches.

Area of BS understory >500 stems/ha and <6m in height is located in the SE portion of the block (plot 3). 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 SE portion of the block (Plot 1). This area will be harvested with concentrated clumps of BF being maintained.

## 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 11/11/16
<input checked="" type="checkbox"/>	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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Route H - RTH-007





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> RTH-008	<b>Twp &amp; Rge:</b> t29r23w	<b>Cut Block Size:</b> 46.2 ha
<b>OPERATING AREA:</b> Route H	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 380570
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	90	20.6	35	36%	43	1,978
BA	90	18.4	29	37%	44	2,037
WB		17.1	29	14%	16	740
<b>Total HW</b>				87%	103	4,755
WS		18.9	35	12%	15	671
BS				0%	0	0
JP				0%	0	0
BF	65	12.0	18	1%	1	31
<b>Total SW</b>				13%	15	702
<b>Block Total:</b>					<b>118</b>	<b>5,457</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
50	Clumped			267	Clumped

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	LFH(cm)	S-Type	Moisture	Surface Texture						
	05	08	01	07	S2	2	Sandy Clay Loam			
	22	11		07	S5	0	Sandy Clay Loam			

<b>Cover Type:</b> H	<b>IBWC Cnt:</b> 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,517  
 SOFTWOOD VOLUME (m3): 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	Flood	MFZ	Located on the SW side of the block. Structure will be maintained. Harvest as shown on map.
2	Lake	30-50	Duck Lake located on the NW side. Variable 30 to 50m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 370 to 555 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Maintain a maximum of 10 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Keep existing quad trail which runs through the block from plot 25 to the SE corner free of debris.  
 This block has a high volume of birch. Most of the birch is located in the NE and central portions of the block, plots 7, 17 and 19. These areas will be selectively harvested (if possible) if no quota holder or permittee will claim the birch volume.  
 Keep equipment and debris out of harvested areas located on the N, S and E sides of the block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 is located in the E portion of the block (plot 11). Clumps of understory will be protected in patches.

Areas of BF understory >500 stems/ha and <6m in height are located in the N portion of the block (Plots 23 and 25). These areas will be harvested with concentrated clumps of BF being maintained.

Understory protection of WS, combined with seed trees will maintain WS component.

## 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>Discuss in block road design. Access from 008 instead of 2B-1A.</p>	<p>Agreed. Will check PHS map to see where road can run through 008 to get to 007.</p>	<input checked="" type="checkbox"/>
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Route H - RTH-008



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> RTH-009	<b>Twp &amp; Rge:</b> t29r23w	<b>Cut Block Size:</b> 107.0 ha
<b>OPERATING AREA:</b> Route H	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 380570
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	103	23.9	34	56%	102	10,873
BA		21.5	33	17%	32	3,372
WB		18.7	26	14%	26	2,770
Total HW				88%	159	17,015
WS	57	19.4	33	6%	11	1,182
BS		16.3	17	2%	4	423
JP		22.0	20	4%	8	807
BF				0%	0	0
Total SW				12%	23	2,412
<b>Block Total:</b>					<b>182</b>	<b>19,427</b>

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

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	07	S5	2	Sandy Loam					

Cover Type: H	IBWC Cnt: 5
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 16,164  
 SOFTWOOD VOLUME (m3): 2,291

#### 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
Flood	MFZ	Located on the W and E sides. Structure will be maintained. Harvest as shown on map.
Stream	30	Located along the N side. Harvest as shown on map.
Stream	15	Located along the S side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 856 to 1,283 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Maintain a maximum of 20 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Maintain structure along IBWC's located near plot 20 and 34. The IBWC's located near plots 15 and 35 have been removed from the block.  
 This block has a high volume of birch. Most of the birch is located in the N and Scentral portions of the block, plots 6, 12, 18, 37, 45, 46, 47 and 49.  
 These areas will be selectively harvested (if possible) if no quota holder or permittee will claim the birch volume.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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	2028

### RENEWAL COMMENTS/ISSUES:

Combination of seed trees, edge seed trees, and understry protection will maintain softwood component.

## 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

No comment-review LOS at time of harvest.

Block will not be planted so no access is needed. Block will be inaccessible. May waive LOS requirement.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> RTH-800	<b>Twp &amp; Rge:</b> t29r23w	<b>Cut Block Size:</b> 19.9 ha
<b>OPERATING AREA:</b> Route H	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 390570
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	77	18.3	29	18%	32	645
BA	105	16.8	27	10%	17	345
WB		15.1	20	10%	17	340
<b>Total HW</b>				38%	67	1,330
WS	85	19.2	30	20%	36	717
BS				0%	0	0
JP				0%	0	0
BF		16.2	23	42%	74	1,481
<b>Total SW</b>				62%	111	2,198
<b>Block Total:</b>					177	3,528

Understory Stems/ha and Distribution					
WS		BS		BF	
167	Clumped			1311	Uniform

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type			
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture
16	S10	5	Sandy Clay

Cover Type: M	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP

SOFTWOOD ALLOCATION: Quota Holder

HARDWOOD VOLUME (m3): 100

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

0		
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NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 159 to 239 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Mitigated in 1998/99 AOP.  
 This block should provide approx 5 years of softwood quota for quota holder.  
 Maintain a minimum of 3 WDP's approximately 30-70 m from the block edge.  
 Harvest only WS over 25 cm DBH.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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: M

### 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	2033

### RENEWAL COMMENTS/ISSUES:

Site will be monitored to determine if any assisted regeneration is necessary. If assisted regeneration is deemed necessary harvested areas will be area planted.

Areas of BF understory >500 stems/ha and <6m in height are located in the eastern portion of the block (Plots 5, 6, 10 and 11). This area will be harvested with concentrated clumps fo BF being maintained.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/12/12
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Discuss allocating block to another quota holder.</p>	<p>Discussed and will leave as Pachkowski quota area since it is next to his existing block. No concerns.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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Route H - RTH-800



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> RTH-804	<b>Twp &amp; Rge:</b> t29r23w	<b>Cut Block Size:</b> 10.6 ha
<b>OPERATING AREA :</b> Route H	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 380570
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		18.5	22	6%	20	215
BA				0%	0	0
WB		12.0	16	2%	6	63
<b>Total HW</b>				8%	26	278
WS	89	20.8	28	83%	278	2,938
BS				0%	0	0
JP				0%	0	0
BF		14.5	20	9%	32	337
<b>Total SW</b>				92%	310	3,275
<b>Block Total:</b>					<b>336</b>	<b>3,553</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
33	Clumped			1900	Uniform

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	14	13	
Eco Site	42	36	

LFH(cm)	S-Type	Moisture	Surface Texture
05	S10	2	Silt Loam
10	S10	5	Loam

Cover Type: S	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP

SOFTWOOD ALLOCATION: Quota Holder

HARDWOOD VOLUME (m3): 15

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	Mineral Lick	100	Located on the S side. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 84 to 127 trees.

**SEVERE EROSION RISK POTENTIAL:**

**HARVEST COMMENTS/ISSUES:**



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 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: **S**

### 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
2024	Sp	WS	2000	14400

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Area of BF understory >500 stems/ha and <6m in height is located in the E portion of the block (Plot 1). This area will be harvested with concentrated clumps of BF being maintained.

As this block will be harvested slowly, will determine at time of harvest the amount of seedlings to be planted if required.

## 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 <b>11/16/18</b>
<input checked="" type="checkbox"/>	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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Contingency**

<b>Cut Block Name:</b> RTH-805	<b>Twp &amp; Rge:</b> t29r23w	<b>Cut Block Size:</b> 9.1 ha
<b>OPERATING AREA:</b> Route H	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 390570
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	94	19.7	25	48%	114	1,039
BA		19.0	32	2%	5	50
WB		14.5	21	4%	9	85
Total HW				54%	128	1,174
WS	103	20.3	29	39%	93	854
BS				0%	0	0
JP				0%	0	0
BF		15.1	21	7%	17	159
Total SW				46%	111	1,013
<b>Block Total:</b>					<b>239</b>	<b>2,187</b>

Understory Stems/ha and Distribution							
WS		BS		BF			
				4333	Uniform		

Eco Land Classification				Soils Summary			
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
		21	08	13	03	S5	2
Eco Site				34			

Cover Type: N	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP

SOFTWOOD ALLOCATION: Quota Holder

HARDWOOD VOLUME (m3): 134

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

0		
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NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 73 to 110 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Keep debris off trail along the provincial forest boundary.  
 Maintain existing trail free of debris.  
 This block should provide at least 5 to 8 years of quota harvest for Pachkowski or quota holder who purchases the quota. This block will be harvested before RTH-804 which was mitigated and scheduled for harvest after RTH-800.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 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	1800	

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located throughout the block (Plots 1, 2 and 3). These areas will be harvested with concentrated clumps of BF being maintained.  
 Will evaluate block planting requirements after each harvest year.

## 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 10/18/19
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

Understory is extremely high. Is this the case? Can these areas be removed.

Yes, a plot landed in a clump, which can exaggerate US #s. Small QH who is experienced enough to work around understory. BF will be left standing to extent practical.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> RTH-806	<b>Twp &amp; Rge:</b> t29r23w	<b>Cut Block Size:</b> 2.1 ha
<b>OPERATING AREA :</b> Route H	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 390570
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA				0%	0	0
BA	83	16.0	18	1%	3	7
WB		14.0	18	1%	3	6
Total HW				2%	6	13
WS	96	21.1	24	97%	303	639
BS				0%	0	0
JP				0%	0	0
BF		17.0	16	1%	4	8
Total SW				98%	307	647
<b>Block Total:</b>					<b>313</b>	<b>660</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
2000	Clumped			2000	Clumped

Eco Land Classification	1st			2nd			3rd		
	V Type	21	13						
	Eco Site	34							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
08	S5	2	Loam

Cover Type: S	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP

SOFTWOOD ALLOCATION: Quota Holder

HARDWOOD VOLUME (m3): 5

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

0		
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NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 17 to 25 trees.

**SEVERE EROSION RISK POTENTIAL:**

**HARVEST COMMENTS/ISSUES:**

Selective harvest of larger WS over 25cm. Block should provide up to 5 years quota volume.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## RENEWAL PRESCRIPTION INFORMATION

### RENEWAL STRATEGY BY SPECIES

Species	Natural	Advanced	Assisted
TA	<input 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: S

### 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
2024		WS	2000	

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Reforestation	First	2034

### RENEWAL COMMENTS/ISSUES:

Area of WS understory >500 stems/ha and <6m in height is located in the N portion of the block (plot 2). Clumps of understory will be protected in patches.  
 Will evaluate block planting requirements after each year of harvest.

## 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 10/18/19
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Understory is extremely high. Is this the case? Can these areas be removed.</p>	<p>Yes, a plot landed in a clump, which can exaggerate US #s. Small QH who is experienced enough to work around understory. BF will be left standing to extent practical.</p>
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## Integrated Operations by Operating Area

Plan(s): FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### Route W

RTW-034	88.66 Hectares		2023 Contingency
HW Allocation	11,969 m3	LP	
SW Allocation	1,862 m3	SPL	
RTW-036	38.72 Hectares		2023 Contingency
HW Allocation	5,227 m3	LP	
SW Allocation	813 m3	SPL	
RTW-041	25.88 Hectares		2023 Contingency
HW Allocation	3,494 m3	LP	
SW Allocation	543 m3	SPL	



# Route W Operating Area

Pretty Valley (PRV)

Minitonas Creek (MNC)

Route W (RTW)

West Favel (WEF)

Duck Mountain Provincial Park Backcountry

RTW-13342701-C4 RTW-C18

RTW-034 RTW-036

RTW-13342701-C2

RTW-041

Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.



# Roads

# Route W

## RTW-1A to 1D (existing)

### Additional Road Development Comments

These roads are part of the new access to the WEF operating area. The road starts on Bresky's land and a portion of it is on Designated Route W.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
6.0	20	8	Dry/Frozen	25

### 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	These roads will remain open.

## RTW-1D-2A to 1D-2D (existing)

### Additional Road Development Comments

These roads are part of the new access to the WEF operating area.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
4.5	15	6	Frozen	15

### 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	These roads will remain open for future harvest. Crossings RTW-C19 and C20 will melt restricting access.

## RTW-2A and 2B (existing)

### Additional Road Development Comments

These roads are part of the access to blocks RTW-034, 036 and 041.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
3.2	20	8	Dry/Frozen	50

### Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
Bresky	<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"/>	This road will remain open. There is a gate on Bresky's field which restricts access.

**RTW-2A-1A to 1C (existing)**

**Additional Road Development Comments**

These roads access block RTW-036 and are part of the access to block RTW-041.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.4	20	8	Dry/Frozen	50

**Road Deactivation:**

Road Closure Responsibility	Season of Use	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Bresky	Post-Harvest Post-Renewal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	These road will be closed with slash and debris at selected locations in block RTW-036.

**RTW-2A-1D**

**Additional Road Development Comments**

This road accesses block RTW-041.

**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	Season of Use	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Bresky	Post-Harvest Post-Renewal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	These road will be closed with slash and debris at selected locations in block RTW-014 which was harvested in 2001.

**RTW-2C**

**Additional Road Development Comments**

This road accesses block RTW-034.

**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	Season of Use	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Bresky	Post-Harvest Post-Renewal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	These road will be closed with slash and debris at selected locations in block RTW-13342701-12 which was harvested in 1999.





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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

**Crossing Name:** RTW-13342701-C2

**Ownership:** LP/Breskv

**Operating Area:** Route W  
**UTM Northing:** 5750136  
**Stream Type:** Seasonal  
**Watercourse Name:** N/A  
**Channel Width (m):** 0.75  
**Water Depth (m):** 0.3  
**Road Name:** RTW-1D

**Contingency Crossing:**   
**UTM Easting:** 351153  
**Land Description:** SE1-34-27W  
**Crossing Inspection Date:**  
**Stream Assessment Required:**  
**Stream Assessment Complete:**

**Site Description:**

This is an existing crossing on a small seasonal drain. There is currently a 20 foot bridge in place. The bridge needs to be replaced. Beavers keep damming the stream and the bridge has become unstable. LP is proposing to replace the bridge with a 3 foot culvert. The culvert will remain in place indefinitely as this is a designated route and will be used to access harvest areas in the West Favel operating area.

**General Considerations:**

This crossing will remain in place indefinitely.

**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:**

to

**Permanent Crossing:**

**Proposed Install Date:** 01 July, 2022

**Crossing Duration:**  Years

**Remove after Renewal Activities:**

**Installation & Removal Notes:**

A minimum 3 foot culvert is required.

**PROPOSED CROSSING RTW-13342701-C2**



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> RTW-13342701-C4		<b>Ownership:</b> Breskv	
<b>Operating Area:</b>	Route W	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5754413	<b>UTM Easting:</b>	350361
<b>Stream Type:</b>	Seasonal	<b>Land Description:</b>	NW13-34-27W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-May-2008
<b>Channel Width (m):</b>	.50	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	.20	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	RTW-2B		

**Site Description:**

This proposed crossing is located on a previous crossing that had been removed and rehabilitated in 2005. The streambanks have successfully regenerated to grass. The substrate is composed of gravel, cobble and clay. At the time of observation moderate flow was observed. No fish observed on site.

**General Considerations:**

Quota holder will be provided with DFO Operational Statement for Clear Span Bridges.

**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"/>




<b>Temporary Crossing:</b>	<input type="checkbox"/>
<input type="text"/>	to <input type="text"/>
<b>Permanent Crossing:</b>	<input checked="" type="checkbox"/>
<b>Proposed Install Date:</b>	01 July, 2023
<b>Crossing Duration:</b>	2 Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A minimum 45 foot bridge is required.  
 A minimum 45 ft portable bridge required.  
 After harvest is completed the portable bridge 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.  
 After harvest is completed, the portable bridge will be removed and the road approaches will be recontoured to near natural conditions. 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 RTW-13342701-C4**

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

### Crossing Name: RTW-C18

**Operating Area:** Route W  
**UTM Northing:** 5754520  
**Stream Type:** Seasonal  
**Watercourse Name:** N/A  
**Channel Width (m):** 1.0  
**Water Depth (m):** 0.20  
**Road Name:** RTW-2C

**Ownership:** Breskv

**Contingency Crossing:**   
**UTM Easting:** 352038  
**Land Description:** NW18-34-26W  
**Crossing Inspection Date:** 01-May-2020  
**Stream Assessment Required:**  
**Stream Assessment Complete:**

### Site Description:

Crossing is on an old inblock harvest road. Beaver dam on small stream. Dam has been opened and is no longer functional. Remove dam and install culvert. Substrate is silt and sand.

### General Considerations:

Breskv will follow DFO Operational Statement for temporary crossings.

### Crossing Structure:

### Crossing Lifespan:

	Preferred	Alternate
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:**

to

**Permanent Crossing:**

**Proposed Install Date:**

**Crossing Duration:**  Years

**Remove after Renewal Activities:**

### Installation & Removal Notes:

If a snow/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 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 RTW-C18



Across



Upstream



Downstream





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> RTW-034	<b>Twp &amp; Rge:</b> t34r26w	<b>Cut Block Size:</b> 88.7 ha
<b>OPERATING AREA :</b> Route W	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350575
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 11,969  
 SOFTWOOD VOLUME (m3): 1,862

### 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	Wetlands/floods located on the 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 709 to 1,064 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.  
 Maintain Snowman Trail that goes through the block free of debris. Sign trail if harvest occurring in winter.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> RTW-036	<b>Twp &amp; Rge:</b> t34r27w	<b>Cut Block Size:</b> 38.7 ha
<b>OPERATING AREA:</b> Route W	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350575
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 5,227  
 SOFTWOOD VOLUME (m3): 813

### 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	Wetland/floods located on the S, N and NW sides. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 310 to 465 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.  
 Maintain Snowman Trail that runs along the E side of block free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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Route W - RTW-036



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> RTW-041	<b>Twp &amp; Rge:</b> t34r26w	<b>Cut Block Size:</b> 25.9 ha
<b>OPERATING AREA :</b> Route W	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350575
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 3,494  
 SOFTWOOD VOLUME (m3): 543

### 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 NW side. Structure will be maintained. Harvest as shown on map.
2	Stream	100	Located along the E side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 207 to 311 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.  
 Maintain Snowman Trail that runs along the W side of block free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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Route W - RTW-041



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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### Sarah Lake

SRL-844	48.23 Hectares	2022 Harvest
HW Allocation	7,152 m3	Quota Holder/LP
SW Allocation	1,304 m3	SPL



# Sarah Lake Operating Area

Pretty Valley (PRV)

Alpine (ALP)

Sarah Lake (SRL)

Duck Mountain Provincial Park Backcountry

Four Corners (FRC)

- SRL-827
- SRL-828
- SRL-829
- SRL-844
- SRL-024
- SRL-826
- SRL-825
- SRL-879
- SRL-881
- SRL-880

Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.





# Roads

# Sarah Lake

## SRL-01 to 05 (existing)

### Additional Road Development Comments

This is the main Sarah Lake Road up to the intersection to TEL-845 and 846.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
24.6	20	8	All season	50

### Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL/Riehl	<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 checked="" type="checkbox"/>	This is an existing road and will remain open. There is a gate at the start of the road which is closed in the spring.

## SRL-4A and 4B (existing)

### Additional Road Development Comments

This road accesses block SRL-844. This is old designated Route T.

### 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	50

### Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Quota Holder	<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"/>	This road has been decommissioned in a number of locations. The first 300 meters of the road is one area which has been closed. The existing berm will be replaced after each year. The current access control measures are very aggressive and would be too difficult for the quota holder to reestablish. Debris will be spread where available along the road. The operator will be using this road for a number of years. The road is also decommissioned just past the proposed block which will restrict access.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>SRL-844</b>	<b>Twp &amp; Rge:</b> <b>t32r28w</b>	<b>Cut Block Size:</b> <b>48.2 ha</b>
<b>OPERATING AREA :</b> <b>Sarah Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330573</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	76	20.6	30	81%	150	7,226
BA		20.0	33	2%	4	200
WB		16.0	24	1%	2	103
<b>Total HW</b>				<b>85%</b>	<b>156</b>	<b>7,529</b>
WS	84	16.9	33	15%	28	1,372
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>15%</b>	<b>28</b>	<b>1,372</b>
<b>Block Total:</b>					<b>185</b>	<b>8,901</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
270	Uniform				

Eco Land Classification	1st			2nd			3rd		
	V Type	08	05	13					
	Eco Site	34							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
09	S5	2	Silt Loam

Cover Type: H	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **Quota Holder/LP**  
 SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **7,152**  
 SOFTWOOD VOLUME (m3): **1,304**

### 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
Flood	MFZ	Located on S side. Structure will be maintained. Harvest as shown on map.
Flood	MFZ	Located in center of block. Harvest as shown on map.
Stream	30-50	Located along the W side. Variable 30 to 50m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **386** to **579** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block should provide 5 to 7 years of quota volume for quota holder.  
 Maintain some juvenile WS in patches for renewal purposes.





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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML  
 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 11

**Sclater**

<b>SLT-018</b>	24.94 Hectares		2022 Contingency
HW Allocation	3,737 m3	LP	
SW Allocation	0 m3	SPL	
<b>SLT-052</b>	32.19 Hectares		2022 Contingency
HW Allocation	4,051 m3	LP	
SW Allocation	1,617 m3	SPL	
<b>SLT-053</b>	14.92 Hectares		2022 Contingency
HW Allocation	2,466 m3	LP	
SW Allocation	896 m3	SPL	
<b>SLT-065</b>	7.57 Hectares		2023 Harvest
HW Allocation	850 m3	LP	
SW Allocation	371 m3	SPL	
<b>SLT-066</b>	27.97 Hectares		2023 Contingency
HW Allocation	4,196 m3	LP	
SW Allocation	0 m3	SPL	
<b>SLT-067</b>	59.41 Hectares		2023 Contingency
HW Allocation	8,912 m3	LP	
SW Allocation	0 m3	SPL	
<b>SLT-068</b>	34.49 Hectares		2023 Contingency
HW Allocation	5,174 m3	LP	
SW Allocation	0 m3	SPL	
<b>SLT-069</b>	23.69 Hectares		2022 Contingency
HW Allocation	3,518 m3	LP	
SW Allocation	42 m3	SPL	
<b>SLT-104</b>	34.20 Hectares		2023 Contingency
HW Allocation	5,130 m3	LP	
SW Allocation	0 m3	SPL	
<b>SLT-105</b>	36.14 Hectares		2023 Contingency
HW Allocation	4,196 m3	LP	
SW Allocation	0 m3	SPL	
<b>SLT-800</b>	36.09 Hectares		2022 Contingency
HW Allocation	355 m3	LP	
SW Allocation	4,126 m3	SPL	
<b>SLT-860</b>	41.23 Hectares		2022 Contingency
HW Allocation	1,333 m3	LP	
SW Allocation	1,879 m3	SPL	



# Sclater Operating Area

Cowan West (CWW)

Cowan East (CWE)

Sclater (SLT)






Duck Mountain Provincial Park Backcountry

River Hill (RVH)






Garland (GRL)

## Legend

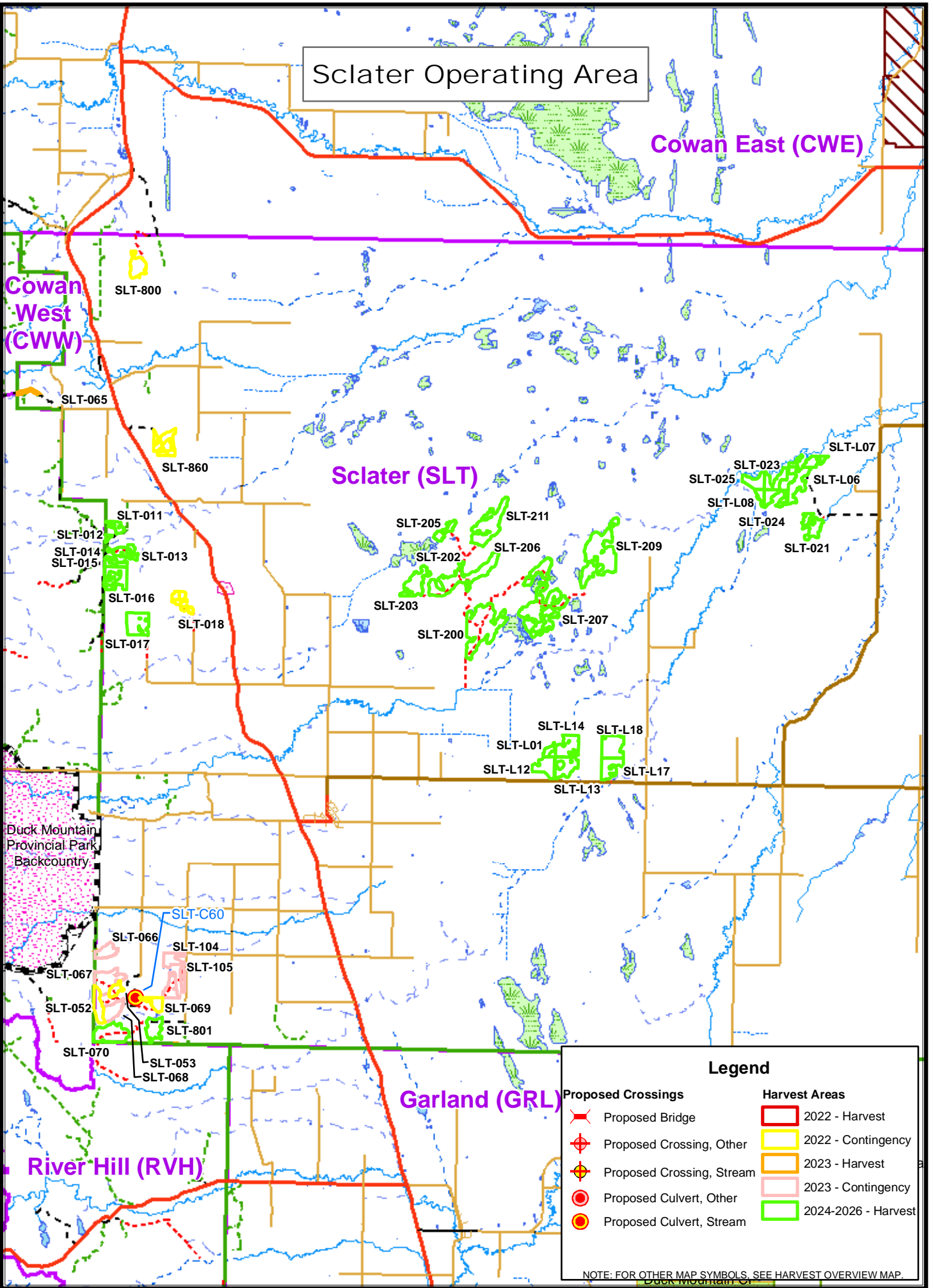
### Proposed Crossings

-  Proposed Bridge
-  Proposed Crossing, Other
-  Proposed Crossing, Stream
-  Proposed Culvert, Other
-  Proposed Culvert, Stream

### Harvest Areas

-  2022 - Harvest
-  2022 - Contingency
-  2023 - Harvest
-  2023 - Contingency
-  2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.







## Mitigation Comments

### General

Operating Area/ Mitigation Year	Concern	Manitoba	Action/Response
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Sclater	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. Will determine on a site by site basis.
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### Site Specific

Block	Concern	Manitoba	Action/Response
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SLT-065	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed.
SLT-052	Age of Mitigation	Last mitigated 2014. Will revisit mitigation at permit time.	
SLT-053	Age of Mitigation	Last mitigated 2014. Will revisit mitigation at permit time.	
SLT-069	Age of Mitigation	Last mitigated 2014. Will revisit mitigation at permit time.	
SLT-860	Age of Mitigation	Last mitigated 2014. Will revisit mitigation at permit time.	
SLT-066, SLT-067, SLT-068, SLT-104, SLT-105	Not Surveyed	Will mitigate after survey.	
SLT-018, SLT-800	No concerns	Blocks were mitigated less than five years ago.	



# Roads

# Sclater

## SLT-11A and 11B (existing)

### Additional Road Development Comments

These roads are part of the access to SLT-052, 053, 066 to 069 and VMR-005. They were originally built in 2007.

### 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	10

### 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	These roads will be closed with slash and debris after harvest but ATV access for planting in blocks SLT-052 and 053 will be maintained. Crossing SLT-C60 will also be removed after renewal activities.

## SLT-11A-1A

### Additional Road Development Comments

This road accesses block SLT-069. This access is an old in block road which will be ungraded. This road may not be required if the landowner to the east of the block allows LP to cross his land and use the existing trail.

### 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 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 after harvest.

## SLT-11C

### Additional Road Development Comments

This road accesses SLT-053, 067 and VMR-005 and is part of the access to SLT-052.

### 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	10

### 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris after harvest but ATV access for planting in blocks SLT-052 and 053 will be maintained.

**SLT-11C-1A****Additional Road Development Comments**

This road accesses block SLT-052.

**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	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP			<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 be closed with slash and debris after harvest but ATV access for planting in block SLT-052 will be maintained.

**SLT-12A****Additional Road Development Comments**

This road accesses block SLT-018. The road location may be changed to cross the private land south of the block.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.2	15	6	Frozen	1

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The first 100m of this road will be closed with debris. ATV access is required for surveys.

**SLT-21A****Additional Road Development Comments**

This road accesses blocks SLT-104 and 105. It may also access block SLT-069 if access from the west is not used.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.8	20	8	Dry/Frozen	1

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Road is existing up to block SLT-105 and will remain open. Road will be closed in block SLT-105 at selected locations.

**SLT-21A-1A****Additional Road Development Comments**

This road accesses block SLT-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		Crossing Removal	Debris	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"/>	<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.

**SLT-4A and 4B (existing)**

**Additional Road Development Comments**

These roads access block CWE-301 and are part of the access to block SLT-800. These roads were last used in 2017. Part of these roads are on the old railroad bed.

**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	50

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	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 checked="" type="checkbox"/>	These are existing roads which will remain open.

**SLT-4C (existing)**

**Additional Road Development Comments**

This road is part of the access to SLT-800. This road was built in 2017.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.4	20	8	Dry/Frozen	1

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
SPL	Post-Harvest Post-Renewal	<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"/>	This road will be closed after renewal activities are complete. ATV access will be required for tree planting.

**SLT-4D**

**Additional Road Development Comments**

This road access block SLT-800. This road follows the in block road from the 2017 harvest of blocks SLT-006 to 008.

**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		Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
SPL	Post-Harvest Post-Renewal	<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"/>	This road will be closed after renewal activities are complete. ATV access will be required for tree planting.

**SLT-7A (existing)**

**Additional Road Development Comments**

This road is part of the access to blocks SLT-860. This road is on private land.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.1	15	6	Frozen	50

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL	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 type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	This is an existing trail which will remain open. It is a winter road which will melt restricting access.



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

<b>Crossing Name:</b> SLT-C60		<b>Ownership:</b> LP/Quota Holder	
<b>Operating Area:</b>	Sclater	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5731777	<b>UTM Easting:</b>	387381
<b>Stream Type:</b>	Seasonal	<b>Land Description:</b>	NE3-32-23W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	28-May-2014
<b>Channel Width (m):</b>	1.5	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.20	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	SLT-11A		

**Site Description:**

Old crossing location used in 2007. Small seasonal stream with rock, gravel and sand substrate. No fish seen at time of inspection. This crossing will remain in place if a quota holder is transferred to some of the blocks in this area. There is a high percentage of birch which may be harvested by a quota holder.

**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"/>

<b>Temporary Crossing:</b>	<input type="checkbox"/>
<input type="text"/>	to <input type="text"/>
<b>Permanent Crossing:</b>	<input checked="" type="checkbox"/>
<b>Proposed Install Date:</b>	01 September, 2022
<b>Crossing Duration:</b>	4 Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

Minimum 24 inch 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 may be seeded with grass and if required erosion control matting or straw mulch will be used to further stabilize the site.



**PROPOSED CROSSING SLT-C60**



Across



Upstream



Downstream





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> SLT-018	<b>Twp &amp; Rge:</b> t33r23w	<b>Cut Block Size:</b> 24.9 ha
<b>OPERATING AREA:</b> Sclater	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 380574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	79	17.7	17	82%	129	3,224
BA		17.8	23	18%	28	710
WB				0%	0	0
<b>Total HW</b>				100%	158	3,934
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>158</b>	<b>3,934</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
<b>Eco Land Classification</b>			<b>Soils Summary</b>		
			1st	2nd	3rd
<b>V Type</b>			05	01	
<b>Eco Site</b>			32		
<b>Cover Type:</b> H		<b>IBWC Cnt:</b> 0			

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

### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,737  
 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	Wetland	MFZ	Located in SE corner. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 200 to 299 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Block has been edited due to loss of timber from flooding.  
 Pink Lady Slipper's found near plot 5 in the E portion of the block.  
 This block is on NE23-33-23 which is coded 4a.  
 Ensure west, east and south boundaries do not encroach on private land located on the west, east and south sides.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 9/21/17
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>What is linear feature in NW? Possible LOS break, shrubs juvenile trees.</p> <p>Discuss harvest of adjacent BS for PFP quota. Site visit?</p> <p>MFZ on wetland in SE corner.</p>	<p>Unsure what that is. Possibility of LOS to be determined at time of harvest.</p> <p>Possibly. Would require a site visit to inspect the area.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> SLT-052	<b>Twp &amp; Rge:</b> t32r23w	<b>Cut Block Size:</b> 32.2 ha
<b>OPERATING AREA:</b> Sclater	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 380573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	93	17.3	26	18%	33	1,047
BA		16.7	23	10%	19	623
WB		15.6	20	43%	81	2,595
Total HW				71%	132	4,265
WS		22.7	31	5%	10	311
BS				0%	0	0
JP		17.8	29	1%	1	32
BF		14.4	20	23%	42	1,359
Total SW				29%	53	1,702
<b>Block Total:</b>					<b>185</b>	<b>5,967</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
29	Clumped			800	Uniform

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	04	13	05
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture
05	S6	2	Silty Clay
06	S5	2	Clay Loam

Cover Type: N	IBWC Cnt: 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,051  
 SOFTWOOD VOLUME (m3): 1,617

#### 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	Stream	100	Located on S side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 258 to 386 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Beaked hazel, rose and fireweed are present in the block.  
 This block has moderately hilly topography.  
 This block is located on the W1/2 03 and the SW10-32-23 which is coded A/C.  
 Keep equipment and debris out of old harvest area located on the E side of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 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 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	1400	9720

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

Ensure road closure to accommodate ATV access as agreed upon by MFSRC and the supervising officer.

Ensure all roads to the block are ATV accessible.

Areas of BF understory >500 stems/ha and <6m in height are located throughout the block (Plots 2, 6, 8, 9, 12, 15, 16, 17 and 18). These areas will be harvested with concentrated clumps of BF being maintained.

## 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 10/31/14
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Consider dropping blocks due to birch content or use quota holder.</p> <p>Full road rehab following renewal.</p> <p>Long term leave area between 052 and VMR-007?</p> <p>Remove Tembec from allocation.</p>	<p>May get a quota holder to harvest and take WB for their quota.</p> <p>Can be used as refill area if sufficient seedling supply.</p> <p>Will likely be a long term leave.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Sclater - SLT-052



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> SLT-053	<b>Twp &amp; Rge:</b> t32r23w	<b>Cut Block Size:</b> 14.9 ha
<b>OPERATING AREA:</b> Sclater	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 380573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	80	18.3	27	43%	102	1,528
BA				0%	0	0
WB		14.9	21	30%	72	1,067
Total HW				73%	174	2,595
WS		16.5	32	9%	20	304
BS				0%	0	0
JP				0%	0	0
BF		14.3	18	18%	43	639
Total SW				27%	63	943
<b>Block Total:</b>					<b>237</b>	<b>3,538</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
200	Clumped			300	Uniform

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	LFH(cm)	S-Type	Moisture	Surface Texture						
	05	08								

Cover Type: N	IBWC Cnt: 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,466  
 SOFTWOOD VOLUME (m3): 896

#### 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:

Beaked hazel, rose and raspberry are present in the block.  
 This block has relatively flat topography.  
 This block is located on the S1/2 10-32-23 which is coded A/C.  
 Trees will be left along old fence line running north and south.  
 Keep equipment and debris out of old harvest area located on the S side of the block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 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	1400	8280

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

Assisted regeneration may occur if understorey densities are not adequate.

Road closure to accommodate ATV access as agreed upon by MFSRC and the supervising officer.

Area of BF understorey >500 stems/ha and <6m in height is located in the N end of the block (Plot 5). This area will be harvested with concentrated clumps of BF being maintained.

Area of WS understorey >500 stems/ha and <6m in height is located in the central portion of the block (plot 1). Clumps of understorey will be protected in patches.

## 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 10/31/14
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

Consider dropping blocks due to birch content or use quota holder.	May get an interested quota holder to harvest and/or declare WB for themselves.	<input checked="" type="checkbox"/>
Identify softwood strata for planting-provide map.	Not mapped. Thicker concentrations of softwood on N and S end. Will assess.	<input checked="" type="checkbox"/>
Full road rehab following renewal.	Can be used as refill area if sufficient seedling supply.	<input checked="" type="checkbox"/>
Remove Tembec from allocation.	Agreed.	<input checked="" type="checkbox"/>
Harvest all mature BF	Agreed	<input checked="" type="checkbox"/>



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> SLT-065	<b>Twp &amp; Rge:</b> t34r23w	<b>Cut Block Size:</b> 7.6 ha
<b>OPERATING AREA:</b> Sclater	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 380575
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	71	18.8	28	45%	77	584
BA		17.1	27	16%	28	211
WB		18.0	24	8%	13	100
<b>Total HW</b>				70%	118	895
WS		21.0	39	17%	29	219
BS				0%	0	0
JP				0%	0	0
BF		13.5	24	13%	23	172
<b>Total SW</b>				30%	52	391
<b>Block Total:</b>					<b>170</b>	<b>1,286</b>

Understory Stems/ha and Distribution							
WS		BS		BF			
				3400	Uniform		

Eco Land Classification				Soils Summary			
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	05	08		06	S5	2	Loam
	Eco Site: 32						

Cover Type: N	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 850  
 SOFTWOOD VOLUME (m3): 371

### 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 61 to 91 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain structure along IBWC which flows along old road.  
 Almost half of the softwood volume is BF. Most of this will be left if no market is available.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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	4320

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located throughout the block (Plots 1, 3 and 4). These areas will be harvested with concentrated clumps of BF being maintained.  
 Block potentially may be planted, lots of BF. It would depend on how much BF will be left and seedling availability.

## 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

<p>Minimal access to be left for planting. See operating area general comments.</p>	<p>Agreed.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLT-066	<b>Twp &amp; Rge:</b> t32r23w	<b>Cut Block Size:</b> 28.0 ha
<b>OPERATING AREA:</b> Sclater	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 380573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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:		IBWC Cnt: 0			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,196  
 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 224 to 336 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Private land on the E side. Ensure boundary is GPS'd and flagged.  
 This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLT-067	<b>Twp &amp; Rge:</b> t32r23w	<b>Cut Block Size:</b> 59.4 ha
<b>OPERATING AREA:</b> Sclater	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 380573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 8,912  
 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 475 to 713 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Private land in the NE corner. Ensure boundary is GPS'd and flagged.  
 This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLT-068	<b>Twp &amp; Rge:</b> t32r23w	<b>Cut Block Size:</b> 34.5 ha
<b>OPERATING AREA:</b> Sclater	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 380573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type			
Eco Site			

Soils Summary	
LFH(cm)	S-Type

<b>Cover Type:</b>	<b>IBWC Cnt: 0</b>
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,174  
 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	Stream	50	Located on the S side. Flag as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 276 to 414 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.

Sclater



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Contingency**

<b>Cut Block Name:</b> SLT-069	<b>Twp &amp; Rge:</b> t32r23w	<b>Cut Block Size:</b> 23.7 ha
<b>OPERATING AREA:</b> Sclater	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 380573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	87	17.9	25	66%	118	2,793
BA	62	23.3	25	6%	11	250
WB		16.5	18	27%	47	1,123
<b>Total HW</b>				99%	176	4,166
WS				0%	0	0
BS		17.0	30	1%	2	49
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				1%	2	49
<b>Block Total:</b>					<b>178</b>	<b>4,215</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
50	Clumped	50	Clumped	33	Clumped

Eco Land Classification	1st			2nd			3rd		
	V Type	05	04						
	Eco Site	22	21						

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
05	S3	2	Loam
05	S4	2	Loamy Sand

Cover Type: H	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,518  
 SOFTWOOD VOLUME (m3): 42

### 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	30	Located on S side. Harvest as shown on map.
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NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 190 to 284 trees.

**SEVERE EROSION RISK POTENTIAL:**

**HARVEST COMMENTS/ISSUES:**

Beaked hazel, alder, rose and blue-joint grass are present in this block.  
 This block has relatively flat topography.  
 This block is located on NW2-32-23 which is coded A/C.  
 Retain juvenile WS seed trees in WLTP's where possible.  
 Ensure east and north boundaries do not encroach on private land located on the east and north sides.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 10/31/14
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Add in small leave area to the W.</p> <p>Discuss access from the W on N section line or from E, SLT-L66.</p> <p>Retain incidental WS for seed trees.</p>	<p>There may be a small creek to the W which is why the block was designed this way. Will check again and may add area if feasible.</p> <p>Not scheduled for harvest. Would have to be surveyed as it is above code.</p> <p>Agreed. Will retain WS seed trees where feasible.</p>	<input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>
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Sclater - SLT-069





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLT-104	<b>Twp &amp; Rge:</b> t32r23w	<b>Cut Block Size:</b> 34.2 ha
<b>OPERATING AREA:</b> Sclater	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 380573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 5,130  
 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 274 to 410 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Private land located on the W and N sides. Ensure boundary is GPS'd and flagged.  
 This block has not been surveyed. The volume information is based on surveyed blocks in the area.  
 NE11-32-23. Code A/C/8a. Improvement of go back fields allowed with no time restriction.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLT-105	<b>Twp &amp; Rge:</b> t32r23w	<b>Cut Block Size:</b> 36.1 ha
<b>OPERATING AREA:</b> Sclater	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 380573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 4,196  
 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 289 to 434 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Private land located on the W and S sides. Ensure boundary is GPS'd and flagged.  
 SE11-32-23. Code A/C/4b which allows for 32ha development/clearing with joint decision. Need to maintain 16ha of native woody vegetation. Currently 18 ha pasture/field.  
 This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> SLT-800	<b>Twp &amp; Rge:</b> t34r23w	<b>Cut Block Size:</b> 36.1 ha
<b>OPERATING AREA:</b> Sclater	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 380575
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		20.5	38	3%	4	128
BA	93	18.0	21	3%	5	163
WB		13.3	29	2%	2	83
<b>Total HW</b>				8%	10	374
WS		23.0	46	1%	1	48
BS	102	14.7	19	33%	43	1,564
JP	115	17.6	24	58%	76	2,731
BF				0%	0	0
<b>Total SW</b>				92%	120	4,343
<b>Block Total:</b>					131	4,717

Understory Stems/ha and Distribution					
WS		BS		BF	
60	Clumped	430	Uniform	90	Clumped

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	LFH(cm)	S-Type	Moisture	Surface Texture						
	30	17	29	24	12	S5	2	Loam		

<b>Cover Type:</b> S	<b>IBWC Cnt:</b> 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 355  
 SOFTWOOD VOLUME (m3): 4,126

#### 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 S and SW sides. Structure will be maintained. Flag as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 289 to 433 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

This block has portions on 4 different quarter sections. Most of the block is on SE34-34-23W which is coded A/4a. The other quarter sections are SW34-34-23W coded A/C/D/E/F1/M/T/8g, NW27-34-23W coded 4a and NE27-34-23W coded A/M/6b.  
 Areas of blow down in block near plots 2 and 17. Merchantable trees will be salvaged if possible.  
 Maintain a max of 7 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: S

### 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	BS	2000	45000

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

Area of WS understory >500 stems/ha and <6m in height is located in the N portion of the block (plot 19). Clumps of understory will be protected in patches.

Areas of BS understory >500 stems/ha are located in the S portion of the block (plots 1 and 17). 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 SE portion of the block (Plot 3]. This area will be harvested with concentrated clumps of BF being maintained.

Leave roads open for 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 10/18/19
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

Contact Snowman to mitigate shared use of old rail bed.	Agreed. Snoman representatives attend SAC meetings. They are also regularly come to LP office to discuss harvest in the area and any conflicts. Will look into this and mention to MFSRC.	<input checked="" type="checkbox"/>
Block is JP leading. Plant back to JP or scarify and fill plant. Why is WS being proposed.		<input checked="" type="checkbox"/>
Indicate buffer/MFZ wetland W and S sides.	Agreed.	<input checked="" type="checkbox"/>
Request some WDP's be added.	Agreed.	<input checked="" type="checkbox"/>

Sclater - SLT-800



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> SLT-860	<b>Twp &amp; Rge:</b> t34r23w	<b>Cut Block Size:</b> 41.2 ha
<b>OPERATING AREA :</b> Sclater	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 380575
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	64	15.9	22	30%	35	1,451
BA		15.3	15	5%	6	260
WB		14.7	25	6%	7	276
<b>Total HW</b>				41%	48	1,987
WS	82	18.0	30	3%	3	135
BS	117	14.6	16	56%	67	2,743
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				59%	70	2,878
<b>Block Total:</b>					<b>118</b>	<b>4,865</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
11	Clumped	178	Uniform		

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	30	05	08
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture
12	S5	2	Silty Clay
42	S3	2	Sandy Loam

Cover Type: M	IBWC Cnt: 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,333  
 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

0		
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NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 330 to 495 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Block has been edited to add additional area in 2022 operating plan. Original design did not capture all available wood on the crown quarter.  
 Alder, willow, rose, fireweed and beaked hazel are present in small amounts throughout the block.  
 This block has relatively flat topography.  
 This block is on quarter sections SW and NW11-34-23. These quarter sections are coded 4a.  
 Ensure WTP's of varying sizes are maintained within the block to minimize L.O.S.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 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: M

### 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
2023	Sp	BS	1400	13920

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

Areas of BS understory >500 stems/ha and <6m in height are located through the center of the block (plots 6,10,13 and 16). Most of this understory is actually >7m in height and may be harvested. All merchantable trees will be harvested and unmerchantable trees will be left unharvested in clumps.

## 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 10/7/10
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Harvest during frozen/winter conditions only.</p>	<p>Agreed. Prefer to use access across private land from west.</p>
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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML  
 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### Silver Creek

<b>SLC-014</b>	108.00 Hectares		2023 Contingency
HW Allocation	12,875 m3	LP	
SW Allocation	1,030 m3	SPL	
<b>SLC-015</b>	59.02 Hectares		2023 Contingency
HW Allocation	6,500 m3	LP	
SW Allocation	520 m3	SPL	
<b>SLC-016</b>	56.34 Hectares		2023 Contingency
HW Allocation	5,250 m3	LP	
SW Allocation	420 m3	SPL	
<b>SLC-017</b>	77.50 Hectares		2023 Contingency
HW Allocation	7,750 m3	LP	
SW Allocation	620 m3	SPL	
<b>SLC-028</b>	171.46 Hectares		2023 Contingency
HW Allocation	18,861 m3	LP	
SW Allocation	1,543 m3	SPL	
<b>SLC-029</b>	276.71 Hectares		2023 Contingency
HW Allocation	30,436 m3	LP	
SW Allocation	2,490 m3	SPL	
<b>SLC-040</b>	87.73 Hectares		2023 Contingency
HW Allocation	9,650 m3	LP	
SW Allocation	790 m3	SPL	
<b>SLC-041</b>	45.38 Hectares		2023 Contingency
HW Allocation	4,992 m3	LP	
SW Allocation	408 m3	SPL	
<b>SLC-123</b>	5.89 Hectares		2023 Harvest
HW Allocation	1,244 m3	LP	
SW Allocation	0 m3	SPL	
<b>SLC-125</b>	11.65 Hectares		2023 Harvest
HW Allocation	1,635 m3	LP	
SW Allocation	0 m3	SPL	
<b>SLC-806</b>	20.06 Hectares		2022 Harvest
HW Allocation	2,059 m3	LP/Quota Holder	
SW Allocation	479 m3	Quota Holder/SPL	
<b>SLC-807</b>	29.77 Hectares		2022 Harvest
HW Allocation	4,694 m3	LP/Quota Holder	
SW Allocation	597 m3	Quota Holder/SPL	





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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML  
 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### Silver Creek

<b>SLC-851</b>	15.09 Hectares		2023 Contingency
HW Allocation	448 m3	LP	
SW Allocation	2,641 m3	SPL	
<b>SLC-852</b>	51.72 Hectares		2022 Contingency
HW Allocation	3,000 m3	LP	
SW Allocation	6,481 m3	SPL	
<b>SLC-853</b>	42.09 Hectares		2022 Contingency
HW Allocation	2,206 m3	LP	
SW Allocation	6,668 m3	SPL	
<b>SLC-855</b>	40.31 Hectares		2022 Contingency
HW Allocation	1,681 m3	LP	
SW Allocation	7,742 m3	SPL	
<b>SLC-856</b>	29.07 Hectares		2023 Contingency
HW Allocation	2,821 m3	LP	
SW Allocation	2,354 m3	Quota Holder	
<b>SLC-857</b>	78.94 Hectares		2023 Contingency
HW Allocation	5,576 m3	LP	
SW Allocation	11,301 m3	Quota Holder	
<b>SLC-858</b>	168.78 Hectares		2023 Contingency
HW Allocation	10,633 m3	LP	
SW Allocation	24,642 m3	SPL	



# Silver Creek Operating Area

Upper-Dam (UPD)

Jackfish Lake (JFL)

Silver Creek (SLC)

Stoski Rd. (STR)






Sinnott Lake (SNL)

Bield






Timberton (TBT)

VALLEY RIVER 63A

### Proposed Crossings

-  Proposed Bridge
-  Proposed Crossing, Other
-  Proposed Crossing, Stream
-  Proposed Culvert, Other
-  Proposed Culvert, Stream

### Harvest Areas

-  2022 - Harvest
-  2022 - Contingency
-  2023 - Harvest
-  2023 - Contingency
-  2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.



## Internal Mitigation Comments

### General

Operating Area	Concern	Manitoba	Action/Response
Silver Creek	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. Will determine on a site by site basis.
		Due to time limitations, this will have to be discussed on a case by case basis, at the time of harvest.	Can operators reach into the buffers to harvest diseased softwood?

### Site Specific

Block	Concern	Manitoba	Action/Response
SLC-851	Access Control	No ATV access to be left in block for renewal, block to be closed up post-harvest.	Agreed.
	Wildlife Ungulate	300 m LOS for elk.	Agreed.
		Designated Route J is located on the west side. What is the plan maintain a LOS break along Route J? Spur roads with landings?	Will leave buffer on Route J as drawn.
SLC-856	Wildlife Ungulate	300 m LOS for elk.	Agreed.
		Designated Route J is located on the east side. 30m minimum LOS break is required along Route J.	Agreed.
		Remove portion of the block north of plot 13, to limit LOS into blown down patch NE of plot 15 of SLC-853.	Agreed. Will leave visual barrier. Terrain and the buffer on Route J should alleviate LOS concerns.

	Access Control	Adjacency will not be met between this block, and SLC-852 and 853. Remove a strip of harvest between these blocks to create a LOS break / access control between them.	Blocks will likely be harvested at same time, so adjacency guideline will not come into effect. LOS between the blocks will be determined at time of harvest.
		Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed.
SLC-857	Wildlife Ungulate	300 m LOS for elk.	Agreed.
	Access Control	Designated Route J is located on the east side. 30m minimum LOS break is required along Route J. Could block be extended farther west by plot 26 to account for the difference?	Agreed. Will add more on the west side.
		Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed.
SLC-123	Age of Mitigation	Last mitigated 2004. Will revisit mitigation at permit time.	
SLC-125	Age of Mitigation	Last mitigated 2011. Will revisit mitigation at permit time.	
SLC-806	Age of Mitigation	Last mitigated 2009. Will revisit mitigation at permit time.	
SLC-014, SLC-015, SLC-016, SLC-017, SLC-028, SLC-029, SLC-040, SLC-041, SLC-858	Not Surveyed	Will mitigate after survey.	
SLC-807, SLC-852, SLC-853, SLC-855	No concerns	Blocks were mitigated less than five years ago.	



# Roads

# Silver Creek

## SLC-2A and 2B (existing)

### Additional Road Development Comments

This road is on Designated Route J and is the main access to the SLC blocks on the east side of the operating area.

### 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	50

### Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
SPL/LP	<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"/>	<input checked="" type="checkbox"/>	This is an existing trail which will remain open.

## SLC-2A-1A (existing)

### Additional Road Development Comments

This road accesses block SLC-857. This road is on Designated Route J.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.0	0	0	Dry/Frozen	50

### Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
SPL/LP	<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"/>	<input checked="" type="checkbox"/>	This is an existing trail which will remain open.

## SLC-2B-2A and 2B

### Additional Road Development Comments

These roads access blocks SLC-858, 028 and 029.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
5.3	20	8	Dry/Frozen	15

### Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
SPL/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"/>	<input type="checkbox"/>	These roads will be closed with slash and debris at selected locations in blocks SLC-858 and 029 after renewal activities. A berm will also be placed at the start of the road. ATV access is required for renewal and survey purposes.

**SLC-3A (existing)**

**Additional Road Development Comments**

This road accesses block SLC-806.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.9	15	6	Frozen	25

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Quota Holder			<input 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 trail which will remain open.

**SLC-5A to 5I (existing)**

**Additional Road Development Comments**

These roads access blocks SLC-014 to 017.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
11.7	20	8	Dry/Frozen	50

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input 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.

**SLC-8A (existing)**

**Additional Road Development Comments**

This road accesses block SLC-807. This road has been used to access block SLC-805.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.7	15	6	Frozen	10

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Quota Holder			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This is as existing trail which will remain open.



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

### Crossing Name: SLC-C13

Ownership: LP

Operating Area: Silver Creek  
 UTM Northing: 5687332  
 Stream Type: Other Watercourse  
 Watercourse Name: N/A  
 Channel Width (m): 0.30  
 Water Depth (m): 0.05  
 Road Name: SLC-5I

Contingency Crossing:   
 UTM Easting: 364061  
 Land Description: SW20-27-25W  
 Crossing Inspection Date: 16-July-2015  
 Stream Assessment Required:  
 Stream Assessment Complete:

### Site Description:

This crossing is an existing log structure. Water is flowing through the crossing. The substrate is organic/clay. A culvert and fill will be needed to support heavy equipment. Culvert will remain in place as this is an existing road which is used as by the Snowman trails and by local First Nations.

### General Considerations:

LP will follow DFO Operational Statement.

### Crossing Structure:

### Crossing Lifespan:

	Preferred	Alternate
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:

to

Permanent Crossing:

Proposed Install Date: 01 September, 2023




Crossing Duration: 27 Years

Remove after Renewal Activities:

### Installation & Removal Notes:

Minimum 18 inch culvert is required.

# PROPOSED CROSSING SLC-C13

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLC-014	<b>Twp &amp; Rge:</b> t27r25w	<b>Cut Block Size:</b> 108.0 ha
<b>OPERATING AREA:</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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:		IBWC Cnt: 0			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 12,875  
 SOFTWOOD VOLUME (m3): 1,030

### 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
Wetland	MFZ	Located on the S side. Structure will be maintained. Harvest as shown on map.	
Stream	50-100	Valley River located on the W side. Variable 50 to 100m buffer. Harvest as shown on map.	
Stream	30	Rattlesnake Creek located on the N side. Harvest as shown on map.	
Meadow	15-30	Located on the SE and SW sides. Variable 15 to 30m buffer. Harvest as shown on map.	

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 864 to 1,296 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 125m3/ha hardwood and 10m3/ha softwood.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLC-015	<b>Twp &amp; Rge:</b> t27r25w	<b>Cut Block Size:</b> 59.0 ha
<b>OPERATING AREA :</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 6,500  
 SOFTWOOD VOLUME (m3): 520

### 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-15	Located on the SE side. Variable MFZ to 15m buffer. Harvest as shown on map.
Lake	30	Spectacle Lake located on the NE side. Harvest as shown on map.
Wetland	15-30	Located on the W/SW sides. Variable 15 to 30m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 472 to 708 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 125m3/ha hardwood and 10m3/ha softwood.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLC-016	<b>Twp &amp; Rge:</b> t27r25w	<b>Cut Block Size:</b> 56.3 ha
<b>OPERATING AREA:</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 5,250  
 SOFTWOOD VOLUME (m3): 420

### 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
Wetland	MFZ	Located along the E side. Structure will be maintained. Harvest as shown on map.	
Lake	30	Spectacle Lake located on the W side. Harvest as shown on map.	
Wetland	15-50	Located on the S side. Variable 15 to 50m buffer. Harvest as shown on map.	
Wetland	15-30	Stream/wetland complex located on the N side. Variable 15 to 30m buffer. Harvest as shown on map.	

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 451 to 676 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 125m3/ha hardwood and 10m3/ha softwood.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLC-017	<b>Twp &amp; Rge:</b> t27r25w	<b>Cut Block Size:</b> 77.5 ha
<b>OPERATING AREA:</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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:		IBWC Cnt: 0			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 7,750  
 SOFTWOOD VOLUME (m3): 620

### 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
Lake	MFZ-30	Lake/wetland complex on the E and NE sides. Variable MFZ to 30m buffer. Harvest as shown on map.
Lake	15-50	Located on S side. Variable 15 to 50m buffer. Harvest as shown on map.
Wetland	15-30	Located on the S and SW sides. Variable 15 to 30m buffers. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 620 to 930 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 125m3/ha hardwood and 10m3/ha softwood.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLC-028	<b>Twp &amp; Rge:</b> t26r24w	<b>Cut Block Size:</b> 171.5 ha
<b>OPERATING AREA:</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 370568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 18,861  
 SOFTWOOD VOLUME (m3): 1,543

### 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	Silver Creek located on the E side. Variable 50 to 100m buffer. Large riparian area. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 1,372 to 2,058 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. From the field inspection I think there is more softwood than indicated.  
 This block is in an area affected by Spruce Budworm. Harvest is being accelerated to capture volume before White Spruce trees die.  
 Maintain Snowman Trail that runs through the north end of the block free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLC-029	<b>Twp &amp; Rge:</b> t26r24w	<b>Cut Block Size:</b> 276.7 ha
<b>OPERATING AREA :</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 370568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 30,436  
 SOFTWOOD VOLUME (m3): 2,490

### 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	Silver Creek located on the E side. Variable 50 to 100m buffer. Large riparian area. Harvest as shown on map.
2	Stream	30-50	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 2,214 to 3,321 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. From the field inspection I think there is more softwood than indicated.  
 This block is in an area affected by Spruce Budworm. Harvest is being accelerated to capture volume before White Spruce trees die.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLC-040	<b>Twp &amp; Rge:</b> t26r25w	<b>Cut Block Size:</b> 87.7 ha
<b>OPERATING AREA:</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 370568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 9,650  
 SOFTWOOD VOLUME (m3): 790

### 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 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 702 to 1,053 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.  
 This block is in an area affected by Spruce Budworm. Harvest is being accelerated to capture volume before White Spruce trees die.  
 Keep designated route and Snowman Trail located on the east and south sides free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLC-041	<b>Twp &amp; Rge:</b> t26r25w	<b>Cut Block Size:</b> 45.4 ha
<b>OPERATING AREA:</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 370568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 4,992  
 SOFTWOOD VOLUME (m3): 408

### 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	Silver Creek located on the E side. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 363 to 545 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.  
 This block is in an area affected by Spruce Budworm. Harvest is being accelerated to capture volume before White Spruce trees die.  
 Keep designated route and Snowman Trail located on the west side free of debris.  
 Keep campsite located at the NW portion of the block free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> SLC-123	<b>Twp &amp; Rge:</b> t26r26w	<b>Cut Block Size:</b> 5.9 ha
<b>OPERATING AREA :</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	73	18.3	23	100%	222	1,310
BA				0%	0	0
WB				0%	0	0
<b>Total HW</b>				100%	222	1,310
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>222</b>	<b>1,310</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
<b>Eco Land Classification</b>			<b>Soils Summary</b>		
			1st	2nd	3rd
<b>V Type</b>			LFH(cm)		
05			06	S3	Moisture
<b>Eco Site</b>			Surface Texture		
22			Loam		
<b>Cover Type:</b> H		<b>IBWC Cnt:</b> 0			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,244  
 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	River	100	Valley River located on S side. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 47 to 71 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block.  
 This block has relatively flat topography.  
 This block has been added to the 2012 AOP at the request of the RM of Hillsburg. They are requesting ROW clearing in this area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 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 **10/29/04**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

No concerns.

OK.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> SLC-125	<b>Twp &amp; Rge:</b> t26r26w	<b>Cut Block Size:</b> 11.7 ha
<b>OPERATING AREA :</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	58	18.3	24	97%	144	1,680
BA	56	19.3	25	3%	5	57
WB				0%	0	0
<b>Total HW</b>				100%	149	1,737
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>149</b>	<b>1,737</b>

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

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,635  
 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	River	50	Valley River on W side. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 93 to 140 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Hazel abundant through block. Blue joint present in small amounts.  
 Block has gentle slope on W side. Flat topography on E side.  
 Maintain structure along seasonal drain on E side.  
 Softwood component will be maintained. Incidental harvest along road may be required.  
 This block has been added to the 2012 AOP at the request of the RM of Hillsburg. They are requesting ROW clearing in this area and the block was designed to accommodate this along with road buffer harvest. Block will be surveyed in 2012 and mitigated after surveyed.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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	2028

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/24/11**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

No concerns.

OK.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> SLC-806	<b>Twp &amp; Rge:</b> t26r25w	<b>Cut Block Size:</b> 20.1 ha
<b>OPERATING AREA:</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	69	18.1	24	37%	50	996
BA		19.5	27	33%	44	878
WB		15.4	20	11%	15	293
<b>Total HW</b>				81%	108	2,167
WS	120	19.7	37	19%	25	504
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				19%	25	504
<b>Block Total:</b>					<b>133</b>	<b>2,671</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
142	Clumped	50	Clumped		

Eco Land Classification	1st			2nd			3rd		
	V Type	05	08						
	Eco Site	23							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
17	S3	2	Sandy Loam
06	S3	1	Sandy Loam

Cover Type: H	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP/Quota Holder  
 SOFTWOOD ALLOCATION: Quota Holder/SPL

HARDWOOD VOLUME (m3): 2,059  
 SOFTWOOD VOLUME (m3): 479

### 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 N side. Structure will be maintained. Harvest as shown on map.
2	Wetland	50	Wetland at S side. Large buffer of non-op vegetation along feature. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 160 to 241 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block. Rose, raspberry, thistle, fireweed and blue-joint grass are present in small amounts.  
 This block has gently undulating topography.  
 Lost 7 ha's from blowdown or disease. Not sure when.  
 Maintain a max of 5 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain mature WS in WTP's where possible.  
 Ensure all in block roads are closed with slash and debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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: 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
2023	Sp	WS	1600	9800

Survey Summary		
Type	Series	Year
Reforestation	First	2028

### RENEWAL COMMENTS/ISSUES:

Plant north side of block.

Area of WS understory >500 stems/ha is located in the central portion of the block (plot 11). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

Area of BS understory >500 stems/ha is located in the central portion of the block (plot 1). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

## 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 10/09/09
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Sequencing and leave area between SLC-804 and 806.</p> <p>Maintain 80 to 100 mature WS trees in WLTP as seed trees.</p> <p>Discuss timing of harvest. Complete SLC-804 prior to starting 806.</p> <p>Close all inblock roads with slash and debris.</p>	<p>Size of both blocks combined is 58 ha. Blocks will be treated as single block. No leave area required. Blocks are multi year harvest.</p> <p>Softwood areas will be planted. Softwood will be harvested. Some mature WS will be left in WLTP's where possible.</p> <p>Agreed.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Silver Creek - SLC-806



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> SLC-807	<b>Twp &amp; Rge:</b> t26r25w	<b>Cut Block Size:</b> 29.8 ha
<b>OPERATING AREA :</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	53	21.6	22	85%	164	4,879
BA		20.0	24	3%	5	153
WB		20.0	16	1%	2	59
<b>Total HW</b>				89%	171	5,091
WS	46	12.3	19	11%	22	646
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				11%	22	646
<b>Block Total:</b>					<b>193</b>	<b>5,737</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
388	Uniform	25	Clumped		

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	08	13	05	05	S5		Loam
Eco Site	32						

Cover Type: H	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP/Quota Holder  
 SOFTWOOD ALLOCATION: Quota Holder/SPL

HARDWOOD VOLUME (m3): 4,694  
 SOFTWOOD VOLUME (m3): 597

### 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	Located on the NW side. Variable MFZ to 15m buffer. Harvest as shown on map.
2	PSP	0	Tree improvement site located on the SW side.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 238 to 357 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beavers have flooded the west central portion of the original block. Approximately 3 hectares of flooded area has been removed from the block.  
 Maintain a max of 5 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Old trail runs through the block from west of plot 2 to plot 14. Old trail that has not been maintained. Trail will not be kept open.  
 Keep equipment and debris out of test plot located on the S side. Not sure if this site is still being maintained.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/30/20
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

Mitigated

Leave no buffer of tree improvement site to keep naturals from spreading and fire risk.

Added 0 buffer to tree improvement site. Also edited the block slightly to take more of the softwood against the site.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLC-851	<b>Twp &amp; Rge:</b> t26r25w	<b>Cut Block Size:</b> 15.1 ha
<b>OPERATING AREA:</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 370568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	43	18.0	22	4%	8	123
BA		16.3	29	11%	23	348
WB				0%	0	0
<b>Total HW</b>				14%	31	471
WS	75	18.8	32	86%	184	2,780
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				86%	184	2,780
<b>Block Total:</b>					<b>215</b>	<b>3,251</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
240	Uniform				

Eco Land Classification	1st			2nd			3rd		
	V Type	13	08	21					
	Eco Site	23							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
04	S3	2	Loam

<b>Cover Type:</b> S	<b>IBWC Cnt:</b> 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 448  
 SOFTWOOD VOLUME (m3): 2,641

### 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	Silver Creek located on the E side. Variable 50 to 75m buffer. Harvest as shown on map.
2	Roads	20-30	Route J located on the W side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 121 to 181 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is in an area affected by Spruce Budworm. Harvest is being accelerated to capture volume before White Spruce trees die.  
 300m LOS for elk management.  
 Maintain a max of 3 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Keep trail on W side of block free of debris. Trail is a designated route and Snowman Trail.

Silver Creek



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 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: S

### 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	2000	23400

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

Area of WS understory >500 stems/ha and <6m in height is located in the S portion of the block (plot 1). Clumps of understory will be protected in patches.  
 LEAVE ATV access for tree plant

## 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

<p>What is the plan to maintain a LOS break along Route J? Spur roads with landings?          No ATV access for renewal. Block to be closed after harvest.          300m LOS for elk.</p>	<p>Will leave buffer on Route J as drawn.          Agreed.          Agreed. Will add comment.</p>	<input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> SLC-852	<b>Twp &amp; Rge:</b> t26r25w	<b>Cut Block Size:</b> 51.7 ha
<b>OPERATING AREA:</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		19.9	29	29%	55	2,869
BA		18.5	30	2%	4	231
WB		8.0	12	1%	1	57
<b>Total HW</b>				32%	61	3,157
WS	90	19.5	27	68%	132	6,822
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				68%	132	6,822
<b>Block Total:</b>					<b>193</b>	<b>9,979</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
250	Uniform				

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	13	05	08	16	S2	1	Silty Sand
Eco Site	13						

Cover Type: M	IBWC Cnt: 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,000  
 SOFTWOOD VOLUME (m3): 6,481

#### 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	MFZ-15	Located on S side. Variable MFZ to 15m buffer. Harvest areas of WS along road. Harvest as shown on map.
2	Trail	30	Designated route J located on the E side. Harvest as shown on map. Selectively harvest WS in buffer.
3	Wetland	15-30	Located on the N side. Variable 15 to 30m buffer. Selective harvest of WS in buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 414 to 621 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

The White Spruce in this area is infected with Spruce Budworm. Harvest needs to be accelerated to salvage the spruce before it becomes unmerchantable.  
 300 meter LOS for Elk.  
 Maintain a max of 10 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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: M

### 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	1800	63720

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are located in the central portion of the block (plots 19 and 25). Clumps of understory will be protected in patches.  
 Complete block will be planted, 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 07/09/21
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

Only one central access to be left open for tree plant. ATV access only. Close all other rds. Increase buffer on S and E sides by 30m from what is drawn. No harvest of WS in buffer. Leave a wildlife corridor between SLC-852 and 855 as shown on map. Access block from Route J not the municipal road on the S side. Remove point to the W of plot 14. Add WLDAP's to prescription.	Agreed.  Agreed.  Agreed.  Agreed.  Agreed.  Agreed.	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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Silver Creek - SLC-852





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> SLC-853	<b>Twp &amp; Rge:</b> t26r25w	<b>Cut Block Size:</b> 42.1 ha
<b>OPERATING AREA:</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	61	17.0	23	21%	47	1,998
BA				0%	0	0
WB		14.8	25	3%	8	324
Total HW				25%	55	2,322
WS	85	19.8	30	75%	167	7,019
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				75%	167	7,019
<b>Block Total:</b>					<b>222</b>	<b>9,341</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
164	Uniform	18	Clumped		

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	13	08		08	S1	0	Loamy Sand
Eco Site	13						

Cover Type: M	IBWC Cnt: 1
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,206  
 SOFTWOOD VOLUME (m3): 6,668

#### 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	Trail	MFZ-15	Designated route J located on the E side. Harvest as shown on map. Selectively harvest WS in buffer.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 337 to 505 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

The White Spruce in this area is infected with Spruce Budworm. Harvest needs to be accelerated to salvage the spruce before it becomes unmerchantable.  
 300 meter LOS for Elk.  
 Maintain a max of 8 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain structure along IBWC located on the W side near plots 7 to 13.  
 Maintain existing trail through center of block free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 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: M

### 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	1800	55800

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Complete block being planted, 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 07/09/21
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Only one central access to be left open for tree plant. ATV access only. Close all other rds.            Increase buffer on N side by 30m from what is drawn. No harvest of WS in buffer.            Remove point to the W of plot 8 as shown on map.            Add WLDP's to prescription.</p>	<p>Agreed.            Agreed.            Agreed.            Agreed.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> SLC-855	<b>Twp &amp; Rge:</b> t26r25w	<b>Cut Block Size:</b> 40.3 ha
<b>OPERATING AREA:</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		17.8	23	11%	28	1,119
BA		20.8	30	5%	13	540
WB		13.5	18	1%	3	110
Total HW				18%	44	1,769
WS	83	20.2	28	82%	202	8,150
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				82%	202	8,150
<b>Block Total:</b>					<b>246</b>	<b>9,919</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
130	Uniform				

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	13	08		08	S3	2	Loamy Sand
Eco Site	23						

Cover Type: S	IBWC Cnt: 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,681  
 SOFTWOOD VOLUME (m3): 7,742

#### 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	Trail	MFZ	Located on the S side. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 322 to 484 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Some small patches of blow down located on the E side. Merchantable trees will be salvaged if feasible.  
 Patch of severe blowdown located on the NW corner of the block. Merchantable trees will be salvaged if feasible.  
 The White Spruce in this area is infected with Spruce Budworm. Harvest needs to be accelerated to salvage the spruce before it becomes unmerchantable.  
 300 meter LOS for Elk.  
 Maintain a max of 8 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain structure along IBWC's located on the central and NW corner of block near plots 17 to 19 and plot 12.  
 Maintain existing trail that runs through the center of the block free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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: S

### 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	1800	55800

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

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 07/09/21
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

Only one central access to be left open for tree plant. ATV access only. Close all other rds.	Agreed.	<input checked="" type="checkbox"/>
Increase buffer on S side by 30m from what is drawn. No harvest of WS in buffer.	Agreed.	<input checked="" type="checkbox"/>
Block must be accessed from Route J. No access from RM road on S side.	Agreed.	<input checked="" type="checkbox"/>
Block should be harvested before SLC-852, back to front sequencing.	Agreed.	<input checked="" type="checkbox"/>
Add WLDP's to prescription.	Agreed.	<input checked="" type="checkbox"/>

Silver Creek - SLC-855



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLC-856	<b>Twp &amp; Rge:</b> t26r25w	<b>Cut Block Size:</b> 29.1 ha
<b>OPERATING AREA:</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 370568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	76	16.8	25	35%	66	1,933
BA		18.1	25	15%	28	805
WB		20.5	26	4%	8	231
<b>Total HW</b>				55%	102	2,969
WS	72	19.0	32	43%	80	2,337
BS		15.5	22	3%	5	140
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				45%	85	2,477
<b>Block Total:</b>					<b>187</b>	<b>5,446</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
471	Uniform	200	Clumped		

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	08	13	30	11	S3	1	Loamy Sand
Eco Site	23						

Cover Type: N	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP

SOFTWOOD ALLOCATION: Quota Holder

HARDWOOD VOLUME (m3): 2,821

SOFTWOOD VOLUME (m3): 2,354

### 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	30-100	Located on the S side. Variable 30 to 100m buffer. Harvest as shown on map.
2	Roads	30	Route J located on the E side. 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:

This block is in an area affected by Spruce Budworm. Harvest is being accelerated to capture volume before White Spruce trees die.  
 300m LOS for elk management.  
 Maintain a max of 5 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain trail on E side of block free of debris. Trail is a designated route and Snowman Trail.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLC-857	<b>Twp &amp; Rge:</b> t26r25w	<b>Cut Block Size:</b> 78.9 ha
<b>OPERATING AREA :</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	76	19.0	31	25%	57	4,507
BA	78	19.7	35	7%	16	1,288
WB		20.0	30	0%	1	74
<b>Total HW</b>				33%	74	5,869
WS	83	19.2	32	66%	148	11,648
BS		22.5	32	1%	3	248
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				67%	151	11,896
<b>Block Total:</b>					<b>225</b>	<b>17,765</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
158	Uniform				

Eco Land Classification				Soils Summary			
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
		13	08	05	06	S1	1
<b>Eco Site</b>				11			

<b>Cover Type:</b> M	<b>IBWC Cnt:</b> 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP

SOFTWOOD ALLOCATION: Quota Holder

HARDWOOD VOLUME (m3): 5,576

SOFTWOOD VOLUME (m3): 11,301

### 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	30	Located on the W side. Harvest as shown on map.
2	Roads	30	Route J located on the E side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 632 to 947 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

300m LOS for elk management.  
 Maintain a max of 15 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain trail on the E side of block free of debris. Trail is a designated route and Snowman Trail.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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: M

### 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	1800	119880

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Area of WS understory >500 stems/ha and <6m in height is located in the NE portion of the block (plot 27). Clumps of understory will be protected in patches.  
 Ensure ATV access, complete block being PLANTED.

## 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

<p>30m LOS break along Route J. Extend block to the W near plot 26.          Minimal access to be left for planting. See operating area comments.          300m LOS for elk.</p>	<p>Agreed. Will add more on west side.          Agreed.          Agreed will add comment.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SLC-858	<b>Twp &amp; Rge:</b> t26r25w	<b>Cut Block Size:</b> 168.8 ha
<b>OPERATING AREA :</b> Silver Creek	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 370568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 10,633  
 SOFTWOOD VOLUME (m3): 24,642

### 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	30-100	Silver Creek located on the S side. Variable 30 to 100m buffer. Harvest as shown on map.
2	Stream	15-100	Located on the E side. Variable 15 to 100m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 1,350 to 2,025 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.  
 This block is in an area affected by Spruce Budworm. Harvest is being accelerated to capture volume before White Spruce trees die.

Silver Creek



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

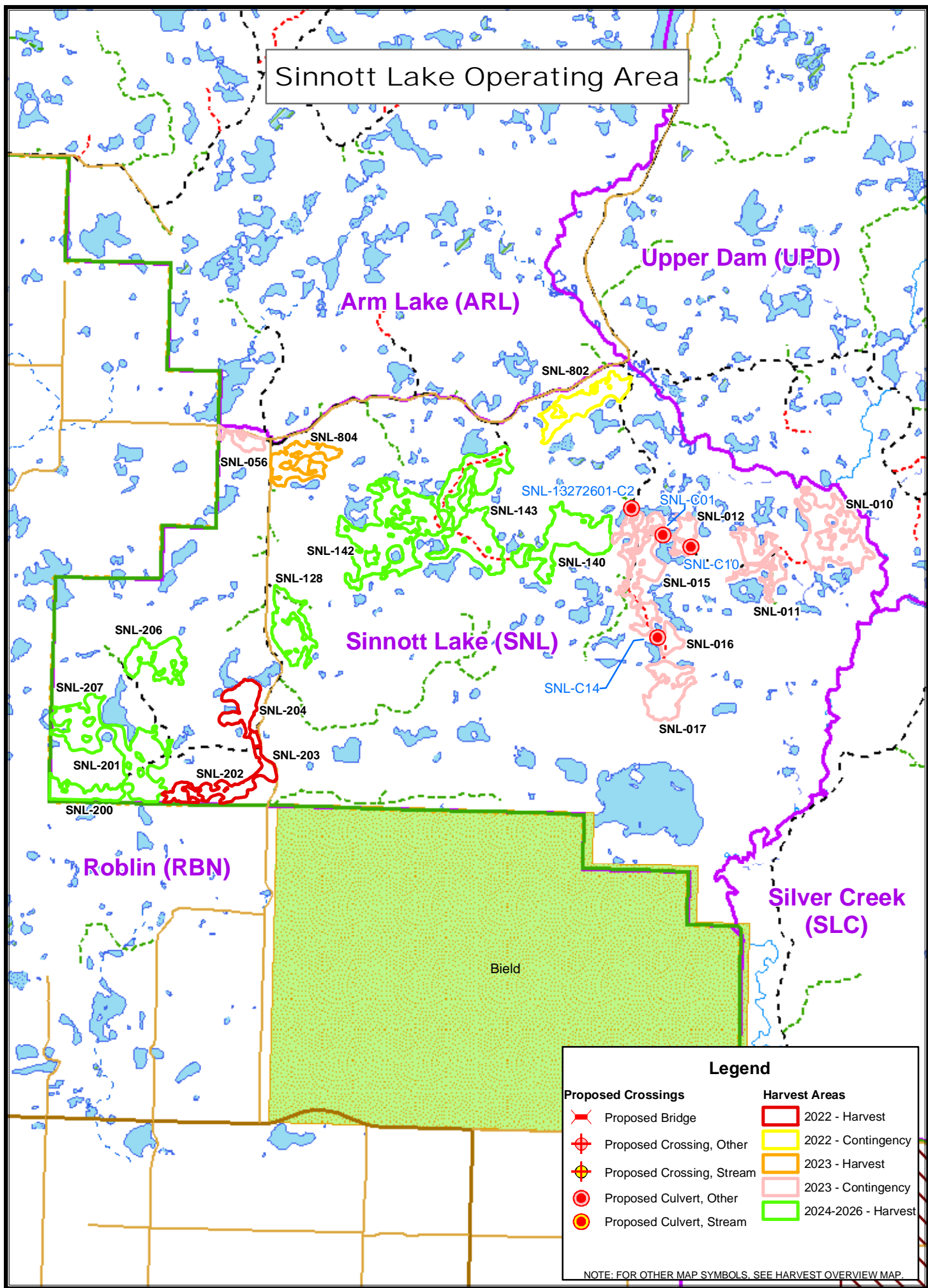
### FMU 13

### Sinnott Lake

<b>SNL-010</b>	70.53 Hectares		2023 Contingency
HW Allocation	11,009 m3	LP	
SW Allocation	2,061 m3	SPL	
<b>SNL-011</b>	14.77 Hectares		2023 Contingency
HW Allocation	2,756 m3	LP	
SW Allocation	1,295 m3	SPL	
<b>SNL-012</b>	35.34 Hectares		2023 Contingency
HW Allocation	4,993 m3	LP	
SW Allocation	1,247 m3	SPL	
<b>SNL-015</b>	52.05 Hectares		2023 Contingency
HW Allocation	7,450 m3	LP	
SW Allocation	805 m3	SPL	
<b>SNL-016</b>	22.36 Hectares		2023 Contingency
HW Allocation	2,670 m3	LP	
SW Allocation	1,765 m3	SPL	
<b>SNL-017</b>	40.91 Hectares		2023 Contingency
HW Allocation	6,385 m3	LP	
SW Allocation	866 m3	SPL	
<b>SNL-056</b>	11.49 Hectares		2023 Contingency
HW Allocation	2,270 m3	Quota Holder/LP	
SW Allocation	0 m3	Quota Holder/SPL	
<b>SNL-202</b>	28.11 Hectares		2022 Harvest
HW Allocation	2,035 m3	LP	
SW Allocation	1,452 m3	SPL/Quota Holder	
<b>SNL-203</b>	11.30 Hectares		2022 Harvest
HW Allocation	2,120 m3	LP	
SW Allocation	1,611 m3	SPL/Quota Holder	
<b>SNL-204</b>	29.05 Hectares		2022 Harvest
HW Allocation	2,028 m3	LP/Quota Holder	
SW Allocation	2,511 m3	SPL/Quota Holder	
<b>SNL-802</b>	44.33 Hectares		2022 Contingency
HW Allocation	6,102 m3	Quota Holder/LP	
SW Allocation	1,473 m3	Quota Holder/SPL	
<b>SNL-804</b>	35.94 Hectares		2023 Harvest
HW Allocation	6,153 m3	Quota Holder/LP	
SW Allocation	2,182 m3	Quota Holder/SPL	



# Sinnott Lake Operating Area



Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.



## Internal Mitigation Comments

### General

Operating Area	Concern	Manitoba	Action/Response
Sinnott Lake	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. Will determine on a site by site basis.

### Site Specific

Block	Concern	Manitoba	Action/Response
SNL-056	Wildlife Ungulate	Visual screen on road, 30 m treed. Instead of using Upper Dam or Boundary Road as landings, put an in-block road through center, south of leave. See map.	This is a road buffer harvest with previous harvest behind it. The block is 150 to 250m wide and only 11.5 ha's. Narrow blocks were designed along roads to capture this wood instead of leaving this wood as permanent buffers. The block behind the buffer harvest was either cut before the buffer harvest block or after it had reached adjacency. Cannot leave 30m buffer on a buffer harvest. Spur roads are impractical on these small buffer blocks. Spur roads in small blocks occupy too large of a % of area, having too large an impact forest regeneration, particularly on summer ground.
		Clip off west end at the east side of the narrow area, west of plots 6 and 7. Could expand block to the south to compensate.	See comment about visual screen. Also this will trap wood which will not likely ever be harvested. Need to discuss further.
		Due to time limitations, this will have to be discussed on a case by case basis, at the time of harvest.	RE: two above comments.
SNL-804	Wildlife Ungulate	Increase the MFZ on the road to 50 m treed buffer.	Would prefer to reduce to 15m. There are plenty of shrubs and small trees that will create a LOS break. Due to time limitations, this will have to be discussed on a case by case basis, at the time of harvest.
	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed.
SNL-010	Age of Mitigation	Last mitigated 2012. Will revisit mitigation at permit time.	
SNL-011	Age of Mitigation	Last mitigated 2012. Will revisit mitigation at permit time.	

SNL-012	Age of Mitigation	Last mitigated 2012. Will revisit mitigation at permit time.	
SNL-015	Age of Mitigation	Last mitigated 2012. Will revisit mitigation at permit time.	
SNL-016	Age of Mitigation	Last mitigated 2011. Will revisit mitigation at permit time.	
SNL-017	Age of Mitigation	Last mitigated 2011. Will revisit mitigation at permit time.	
SNL-802	Not Surveyed	Will mitigate after survey.	Block has been surveyed and is already permitted.



# Roads

# Sinnott Lake

## SNL-1A to 1D (existing)

### Additional Road Development Comments

These are existing roads that access SNL-015 and 802 and are part of the access to blocks SNL-010, 011, 012, 016 and 017. The first portion of the road (approx 300m) accesses block SNL-802 which Lakeshore Mills will harvest. This road is also part of the Snowman trail system.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
4.2	20	8	Dry/Frozen	50

### 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/Lakeshore			<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"/>	This is an existing road which will remain open.

## SNL-1C-1A to 1C-1E (existing)

### Additional Road Development Comments

These roads access SNL-011 and 012 and are part of the access to SNL-010. These roads were built in 2001.

### 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	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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	These roads will be closed with debris in blocks SNL-011, 012 and 015. Debris from landings and road construction will be used for closure. Crossings SNL-C01 and C10 will also be removed.

## SNL-1C-1F

### Additional Road Development Comments

This road access block SNL-010. Most of it goes through SNL-007 which was harvested in 2001.

### 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash/debris where it is available in the old harvest block.

**SNL-1D-1A**

**Additional Road Development Comments**

This road accesses block SNL-016 and is part of the access to block SNL-017.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.4	20	8	Dry/Frozen	10

**Road Deactivation:**

Road Closure Responsibility	Season of Use	Crossing Removal	Debris	Slash and	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 checked="" 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"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	An earth berm will be placed at the start of the road. Slash and debris will be spread for the first 100m and at selected locations in block SNL-015. Maintain ATV access for renewal of block SNL-016.

**SNL-1D-1B**

**Additional Road Development Comments**

This road accesses block SNL-017.

**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	10

**Road Deactivation:**

Road Closure Responsibility	Season of Use	Crossing Removal	Debris	Slash and	Earth Berm	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"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	Slash and debris will be spread at selected locations in block SNL-016. Crossing SNL-C14 will also be removed restricting access. Maintain ATV access up to SNL-C14 for renewal, close road after crossing.

**SNL-2A to 2C (existing)**

**Additional Road Development Comments**

This is the boundary road. They will be used to access all the SNL blocks off the boundary road.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
4.9	20	8	Dry/Frozen	50

**Road Deactivation:**

Road Closure Responsibility	Season of Use	Crossing Removal	Debris	Slash and	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 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"/>	This is an existing road which will remain open.

**UPD-1A to 1C (existing)**

**Additional Road Development Comments**

This is the main Upper Dam road up to the access to the Valley River culverts and access to the SNL blocks to the south.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
6.9	30	10	All season	50

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Slash and Debris	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 type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	This is a main haul road and existing water resources road. It will remain open.





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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> SNL-13272601-C2		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Sinnott Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5690102	<b>UTM Easting:</b>	358000
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW-27-27-26-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	10-June-2008
<b>Channel Width (m):</b>	.40	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	.10	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	SNL-1C		

**Site Description:**

This proposed crossing is located on a previously used crossing location that had been rehabilitated. This feature is a small drain which is flooded up and down stream. The substrate is composed of clay/organic material. Recommend leaving it in to avoid traffic through water. This is a main road which is well used.

**General Considerations:**

**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"/>

<b>Temporary Crossing:</b>	<input type="checkbox"/>
<input type="text"/>	to <input type="text"/>
<b>Permanent Crossing:</b>	<input checked="" type="checkbox"/>
<b>Proposed Install Date:</b>	01 September, 2023
<b>Crossing Duration:</b>	18 Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A minimum 24 inch round culvert required. LP recommends leaving the crossing in place in order to avoid damage/disturbance to area from frequent road traffic within the area.

# PROPOSED CROSSING SNL-13272601-C2

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> SNL-C01		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Sinnott Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5689691	<b>UTM Easting:</b>	358484
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE-27-27-26-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	10-June-2008
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	SNL-1C-1A		

**Site Description:**

This proposed crossing is located on a beaver flood. Several old beaver dams exist along this flood complex, most of which are retaining very little water. The substrate is composed of organic/clay material and flow was low. This beaver flood is not linked to any fish bearing or potentially fish bearing stream, river or lake known to support fish; no fish were observed 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 checked="" type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 September,2023"/>	to <input type="text" value="15 July,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**




Snow and ice will melt and site will return to near natural conditions. If a round culvert is used, the appropriate sediment and erosion control measures will be implemented to help restore site back to near natural conditions.

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.

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 SNL-C01

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>





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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> SNL-C10		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Sinnott Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5689505	<b>UTM Easting:</b>	358915
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	SW26-27-26W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	10-June-2008
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	SNL-1C-1B		

**Site Description:**

This proposed crossing is located on a small swale situated within a sedge meadow. An old road previously crossed through this feature. The substrate is composed of organic material. There was 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 checked="" type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Crossing Lifespan:**



<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 September,2023"/>	to <input type="text" value="15 June,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<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" round culvert required.

Once harvest is complete, the round culvert will be removed and the road approaches will be recontoured to near natural conditions. The area will be seeded with grass and straw mulch or erosion control matting will be used to further stabilize the site.

# PROPOSED CROSSING SNL-C10

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> SNL-C14		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Sinnott Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5688103	<b>UTM Easting:</b>	358402
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE22-27-26W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	30-May-2011
<b>Channel Width (m):</b>	1.0	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.1	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	SNL-1D-1B		

**Site Description:**

This proposed crossing is located on a small swale located between two beaver floods. There are no continuous definable banks and flow was low at the time of inspection. The substrate is composed of organic material.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 September,2023"/>	to <input type="text" value="15 July,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<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" culvert required.

After harvest is completed, the round culvert will be removed and the road approaches will be recontoured to near natural slope conditions. The area will be seeded with grass and if required straw mulch or erosion control matting will be used to further stabilize the site.



## PROPOSED CROSSING SNL-C14

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2023 - Contingency

<b>Cut Block Name:</b> SNL-010	<b>Twp &amp; Rge:</b> t27r26w	<b>Cut Block Size:</b> 70.5 ha
<b>OPERATING AREA:</b> Sinnott Lake	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 360568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	74	22.1	30	79%	154	10,875
BA		22.4	30	4%	9	618
WB		15.8	18	1%	2	118
<b>Total HW</b>				84%	165	11,611
WS	98	18.8	27	16%	31	2,174
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				16%	31	2,174
<b>Block Total:</b>					<b>195</b>	<b>13,785</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
142	Clumped				

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	08	05	13	10	S5	2	Clay Loam		
	07	S3	1	Silty Sand					
	10	S5	2	Clay Loam					

<b>Cover Type:</b> H	<b>IBWC Cnt:</b> 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 11,009  
 SOFTWOOD VOLUME (m3): 2,061

#### 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 N, S and W sides. Structure will be maintained. Harvest as shown on map.
2	River	75-125	Valley River located on E side. Variable 75 to 125m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 564 to 846 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block. Rose, alder, raspberry, thistle and blue-joint grass are present in small amounts.  
 This block has moderately undulating topography.  
 Maintain a max of 14 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain some juvenile WS seed trees in WTP's where possible.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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:

Investigate potential planting of softwood strata in block  
 Areas of WS understory >500 stems/ha and <6m in height are located in the central and N portions of the block (plots 12, 22 and 40)

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/19/12
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Identify softwood strata and renewal activities.</p> <p>Selective harvest of WS in buffer on Valley River. 30mRZ with 50% in RMZ.</p> <p>Discuss retention of hardwood on windward side of BS leave area.</p>	<p>Will maintain some WS seed trees in WTP's. Silviculture will also review for potential planting in softwood areas.</p> <p>Discussed. Will leave buffer as stated. WS in buffer will act as seed trees.</p> <p>Will add 5m buffer on windward side.</p>	<input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2023 - Contingency

<b>Cut Block Name:</b> SNL-011	<b>Twp &amp; Rge:</b> t27r26w	<b>Cut Block Size:</b> 14.8 ha
<b>OPERATING AREA:</b> Sinnott Lake	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	95	22.1	35	54%	156	2,301
BA		18.6	30	10%	28	417
WB		16.8	29	4%	12	183
<b>Total HW</b>				68%	196	2,901
WS	71	19.1	31	32%	92	1,363
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				32%	92	1,363
<b>Block Total:</b>					<b>289</b>	<b>4,264</b>

Understory Stems/ha and Distribution			
WS	BS	BF	
257	Uniform		

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	08	13
Eco Site	32	34	

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

<b>Cover Type:</b> N	<b>IBWC Cnt:</b> 1
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,756  
 SOFTWOOD VOLUME (m3): 1,295

#### 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	MFZ	Located on N and NE sides. Structure will be maintained. Harvest as shown on map.
2	Wetland	MFZ	Located on E side. Structure will be maintained. Harvest as shown on map.
3	Lake	MFZ	Berth Lake located on the W and S sides. Lake/floods are expanding. Structure will be maintained. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 118 to 177 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block.  
 This block is generally flat with some hills at the north end.  
 Maintain a max of 2 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain structure along small IBWC/alder swale located in the N end of the block near plot 8.  
 Maintain some juvenile WS seed trees in WTP's where possible.  
 Keep equipment and debris out of harvested area on the E side of the block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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	7000

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

Leave ATV access on main haul road for tree plant to access the N and S end of the block.

Areas of WS understory >500 stems/ha <6m in height are located in the central and N portions of the block (plots 4 and 9). Clumps of understory will be protected in patches.

## 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 10/19/12
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Leave seed trees or prescribe increased planting to meet mixedwood std.</p> <p>Review location of IBWC.</p>	<p>Planting level should be sufficient as stated. Approximately half the block will be planted.</p> <p>Very small alder swale in N end.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SNL-012	<b>Twp &amp; Rge:</b> t27r26w	<b>Cut Block Size:</b> 35.3 ha
<b>OPERATING AREA :</b> Sinnott Lake	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	82	23.4	30	56%	103	3,646
BA		18.3	22	23%	43	1,508
WB		13.5	15	1%	2	86
<b>Total HW</b>				80%	148	5,240
WS	111	20.3	35	20%	37	1,310
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				20%	37	1,310
<b>Block Total:</b>					<b>185</b>	<b>6,550</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
127	Clumped				

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	08	04
Eco Site	32	52	

LFH(cm)	S-Type	Moisture	Surface Texture
09	S5	2	Clay Loam
05	S10	4	Clay Loam

Cover Type: H	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,993  
 SOFTWOOD VOLUME (m3): 1,247

### 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 SE, S central and N sides. Structure will be maintained. Harvest as shown on map.
2	Lake	30	Emerald Lake located on the S side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 283 to 424 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block. Alder and thistle are present in small amounts.  
 This block has moderately undulating topography.  
 Maintain a max of 7 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain some juvenile WS seed trees in WTP's where possible.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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:

Investigate potential planting of softwood strata in block.  
 Area of WS understory >500 stems/ha and <6m in height is located in the N central portion of the block (plot 15). Clumps of understory will be protected in patches.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/19/12
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Discuss retaining/harvest of SW peninsula and W side of SE peninsula.          Softwood stata. Leave seed trees or prescribe planting to meet mxdwd std.</p>	<p>Discussed. Will leave block as is. The SE peninsula will be harvested. The SW peninsula will be harvested if site conditions allow.          Silviculture will look at block for potential planting of softwood strata.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2023 - Contingency

<b>Cut Block Name:</b> SNL-015	<b>Twp &amp; Rge:</b> t27r26w	<b>Cut Block Size:</b> 52.1 ha
<b>OPERATING AREA :</b> Sinnott Lake	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	77	21.0	29	63%	103	5,387
BA		19.1	30	5%	9	451
WB	106	17.4	30	22%	37	1,920
<b>Total HW</b>				90%	149	7,758
WS	110	19.6	34	9%	15	780
BS		15.0	18	1%	1	51
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				10%	16	831
<b>Block Total:</b>					<b>165</b>	<b>8,589</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
140	Uniform	8	Clumped		

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	08	04
Eco Site	33	51	32

LFH(cm)	S-Type	Moisture	Surface Texture
12	S10	4	Clay Loam
06	S5	2	Clay Loam
06	S5	2	Clay Loam

Cover Type: H	IBWC Cnt: 4
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 7,450  
 SOFTWOOD VOLUME (m3): 805

#### 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

FEATURE	WIDTH (m)	DETAILS
1 Flood	MFZ	Located on W side. Expanding flood. Harvest as shown on map.
2 Wetland	30	Small round wetland located on W side. Harvest as shown on map.
3 Wetland	15-45	Located on E side. Variable 15 to 45m buffer. Harvest as shown on map.
4 Wetland	15-30	Located on NW, N and NE sides. Variable 15 to 30m buffer. Harvest as shown on map.

NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 416 to 625 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block. Mountain maple, blue-joint grass, alder and fireweed are present in small amounts.  
 This block has moderately hilly topography.  
 Eagle nest on the wetland on the N side shows on our GIS system. Nest will be confirmed prior to harvest. If in area shown harvest will be delayed in block until after nesting.  
 Maintain shrub and treed structure around small open wet areas located in the centre of the block and towards the N end of the block.  
 Snags found scattered throughout the block; maintain within WTP's where safe to do so.  
 Keep debris off existing trail through center of block.  
 Intermountain Logging may declare the birch from this block.  
 Maintain some juvenile WS seed trees in WTP's where possible.  
 Keep existing trail free of debris. Was Snowman Trail which is not used at this time.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 WS understory >500 stems/ha are located in the S end of the block (plots 1 and 5). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/24/11
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Establish 2nd leave patch in central portion for LOS from Snow Man Trail            Identify location of V4</p>	<p>Will add patch around plot 8            Plots 1 and 2. No action required, harvest as normal.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2023 - Contingency

<b>Cut Block Name:</b> SNL-016	<b>Twp &amp; Rge:</b> t27r26w	<b>Cut Block Size:</b> 22.4 ha
<b>OPERATING AREA:</b> Sinnott Lake	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	82	22.5	29	50%	102	2,286
BA		19.3	23	2%	5	111
WB		18.8	25	8%	17	381
<b>Total HW</b>				60%	124	2,778
WS	99	22.1	32	40%	82	1,839
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				40%	82	1,839
<b>Block Total:</b>					<b>206</b>	<b>4,617</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
255	Uniform				

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	08	13	
Eco Site	34	33	

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

<b>Cover Type:</b> N	<b>IBWC Cnt:</b> 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,670  
 SOFTWOOD VOLUME (m3): 1,765

#### 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
Flood	MFZ	Located in center of block. Expanding flood. Harvest as shown on map.
Lake	30	Located on E side. Harvest as shown on map.
Wetland	15	Located on W and S side. Expanding flood/wetlands. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 179 to 268 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block.  
 This block has undulating topography.  
 Maintain a max of 4 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain some juvenile WS seed trees in WTP's where possible.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 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	1400	23000

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha are located in the N portion of the block (plots 17 and 8). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.  
 Leave main road through block open for renewal.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/24/11
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Close road S of crossing SNL-C14 (SNL-1D-1B) after harvest.            Leave ATV access on SNL-1D-1A up to SNL-C14.</p>	<p>OK Will add comment to road plan.            OK Will add comment to road plan.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Sinnott Lake - SNL-016



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2023 - Contingency

<b>Cut Block Name:</b> SNL-017	<b>Twp &amp; Rge:</b> t27r26w	<b>Cut Block Size:</b> 40.9 ha
<b>OPERATING AREA:</b> Sinnott Lake	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	79	22.5	32	76%	141	5,774
BA	83	19.1	30	10%	19	774
WB		18.2	32	2%	4	153
Total HW				88%	164	6,701
WS	52	18.5	29	11%	20	822
BS				0%	0	0
JP				0%	0	0
BF		13.3	22	1%	1	52
Total SW				12%	21	874
<b>Block Total:</b>					<b>185</b>	<b>7,575</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
205	Uniform			316	Clumped

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	05	08	13	05	S3	1	Sandy Loam		
	08	S3	1	Sandy Loam					
	11	S3	1	Sandy Loam					

Cover Type: H	IBWC Cnt: 1
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 6,385  
 SOFTWOOD VOLUME (m3): 866

#### 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-15	Located on E and S sides. Expanding floods. Variable MFZ to 15m buffer. Harvest as shown on map.
2	Wetland	MFZ-15	Located on N side. Expanding floods. Variable MFZ to 15m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 327 to 491 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

This block has moderately undulating topography.  
 Beaked hazel and blue-joint grass are present throughout the block.  
 Maintain shrub and treed structure around open wet areas found in S half of the block.  
 Maintain a max of 8 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain 15 m total buffer (7.5m each side) of IBWC located in center of block. The feature runs across block from just N of plot 14 to the flood just E of plot 13. Part of this feature is identified by leave patches.  
 Maintain some juvenile WS seed trees in WTP's where possible.  
 Keep trees and equipment out of old harvest area on W side.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 WS understory >500 stems/ha are located in the N portion of the block (plots 14 and 16). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

Areas of BF understory >500 stems/ha and <6m in height are located in the N portion of the block (Plots 14 and 15 ). These areas will be harvested with concentrated clumps fo BF being maintained.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/24/11
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>No concerns.</p>	<p>OK.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2023 - Contingency

<b>Cut Block Name:</b> SNL-056	<b>Twp &amp; Rge:</b> t27r27w	<b>Cut Block Size:</b> 11.5 ha
<b>OPERATING AREA:</b> Sinnott Lake	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350569
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	85	22.9	29	81%	167	1,924
BA		22.0	29	13%	28	320
WB		19.5	22	6%	13	145
<b>Total HW</b>				100%	208	2,389
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>208</b>	<b>2,389</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
50	Clumped				

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	05			08	S5	1	Silty Clay
Eco Site	32						

Cover Type: H	IBWC Cnt: 1
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP  
 SOFTWOOD ALLOCATION: Quota Holder/SPL

HARDWOOD VOLUME (m3): 2,270  
 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	Feature	Width (m)	Details
1	Flood	MFZ-15	Located on the E side. Variable MFZ to 15m buffer. Harvest as shown on map.
2	Wetland	MFZ	Located on S and W sides. Structure will be maintained. Harvest as shown on map.
3	Roads	0-MFZ	Located on the N side. Structure may be maintained along road where possible. Road will be used to pile wood. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 92 to 138 trees.

**SEVERE EROSION RISK POTENTIAL:**

**HARVEST COMMENTS/ISSUES:**

Sinnott Lake





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> SNL-202	<b>Twp &amp; Rge:</b> t27r27w	<b>Cut Block Size:</b> 28.1 ha
<b>OPERATING AREA:</b> Sinnott Lake	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	75	20.1	32	52%	67	1,875
BA	61	18.0	31	7%	9	242
WB				0%	0	0
<b>Total HW</b>				58%	75	2,117
WS	97	19.7	30	42%	54	1,510
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				42%	54	1,510
<b>Block Total:</b>					<b>129</b>	<b>3,627</b>

Understory Stems/ha and Distribution							
WS		BS		BF			
63	Clumped						
Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	08	13		05	S6	1	Silt Loam
Eco Site	23						
Cover Type:	N		IBWC Cnt:	1			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP

SOFTWOOD ALLOCATION: SPL/Quota Holder

HARDWOOD VOLUME (m3): 2,035

SOFTWOOD VOLUME (m3): 1,452

### 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	Feature	Width (m)	Details
1	Flood	MFZ	Located in the central portion of block. Floods expanding. Harvest as shown on map.
2	Wetland	MFZ	Located on W and E sides. Structure will be maintained. Harvest as shown on map.

NOTE: IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 225 to 337 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Recommend harvesting this block with block SNL-203 due to the expanding floods and blowdown.  
 Patches of blowdown located on the east side of the block. Merchantable trees will be salvaged if feasible.  
 Beaver floods in and around this block are expanding. Area has been removed from the block prior to survey and more flooded area was evident during the survey.  
 Maintain a maximum of 5 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Maintain some juvenile WS seed trees in WTP's where possible.  
 Keep equipment and debris out of harvested area located on N side.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> SNL-203	<b>Twp &amp; Rge:</b> t27r26w	<b>Cut Block Size:</b> 11.3 ha
<b>OPERATING AREA:</b> Sinnott Lake	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	65	20.2	28	53%	183	2,070
BA				0%	0	0
WB		19.0	33	4%	14	162
Total HW				57%	198	2,232
WS	75	19.0	26	43%	150	1,696
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				43%	150	1,696
<b>Block Total:</b>					<b>348</b>	<b>3,928</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
33	Clumped				

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	13			06	S3	0	Silty Sand
Eco Site	23						

Cover Type: N	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP

SOFTWOOD ALLOCATION: SPL/Quota Holder

HARDWOOD VOLUME (m3): 2,120

SOFTWOOD VOLUME (m3): 1,611

### 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 and S sides of block. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 90 to 136 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Rose, mountain maple and beaked hazel are present in this block.  
 This block has relatively flat topography.  
 Require 300m LOS for elk management.  
 Maintain a maximum of 2 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 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	1800	7920

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Planting South side of block  
 BLOCK BEING PLANTED  
 Ensure road closure to accommodate 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 10/30/15
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Do not reuse road 2C-1A.          Require 300 m LOS.</p>	<p>Agreed.          Agreed.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
-----------------------------------------------------------------	-------------------------------------	----------------------------------------------------------------------------



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> SNL-204	<b>Twp &amp; Rge:</b> t27r27w	<b>Cut Block Size:</b> 29.1 ha
<b>OPERATING AREA:</b> Sinnott Lake	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		21.0	37	16%	26	753
BA		20.4	33	17%	28	814
WB		19.0	25	12%	20	567
<b>Total HW</b>				45%	73	2,134
WS	94	18.4	24	55%	91	2,644
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				55%	91	2,644
<b>Block Total:</b>					<b>164</b>	<b>4,778</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
100	Clumped				

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	13	05	08	02	S6		Silty Sand		
	22	23		08	S6	2	Sandy Clay Loam		

<b>Cover Type:</b> M	<b>IBWC Cnt:</b> 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP/Quota Holder  
 SOFTWOOD ALLOCATION: SPL/Quota Holder

HARDWOOD VOLUME (m3): 2,028  
 SOFTWOOD VOLUME (m3): 2,511

### 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	15-30	Phoneline Lake and unnamed lake on N side of block. Variable 15 to 30m buffer. Harvest as shown on map.
2	Lake	15-30	Located on W side of block. Variable 15 to 30m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 232 to 349 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block.  
 This block has moderately undulating topography.  
 There are pockets of blow down in the north side of this block. Merchantable material will be salvaged only if feasible.  
 Require 300m LOS for elk management.  
 Maintain a maximum of 5 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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: M

### 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	1800	31680

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Ensure road closure to accommodate ATV access. Whole block will be planted.

## 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 10/30/15
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Require 300m LOS.</p>	<p>Agreed.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> <b>SNL-802</b>	<b>Twp &amp; Rge:</b> <b>t27r26w</b>	<b>Cut Block Size:</b> <b>44.3 ha</b>
<b>OPERATING AREA:</b> <b>Sinnott Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>350569</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	65	20.1	27	65%	116	5,147
BA		18.9	27	14%	25	1,115
WB		19.0	25	2%	4	161
Total HW				81%	145	6,423
WS	83	19.4	34	19%	35	1,551
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				19%	35	1,551
<b>Block Total:</b>					<b>180</b>	<b>7,974</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
270	Uniform	20	Clumped		

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	08	13	05	06	S5	2	Clay Loam
Eco Site	32						

Cover Type: H	IBWC Cnt: 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: [Quota Holder/LP](#)  
 SOFTWOOD ALLOCATION: [Quota Holder/SPL](#)

HARDWOOD VOLUME (m3): **6,102**  
 SOFTWOOD VOLUME (m3): **1,473**

#### 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 along S side. Variable MFZ to 30m buffer. Harvest as shown on map.
2	Wetland	15-30	Located on the NW and W sides. Variable 15 to 30m buffer. Harvest as shown on map.
3	Meadow	15	Located on the E side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **355** to **532** trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Keep existing trail on the E side free of debris.  
 Maintain some juvenile WS seed trees in wind firm patches.  
 Keep equipment and debris out of harvested areas located on the N, W and S sides.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 is located in the W portion of the block (plot 3). Clumps of understory will be protected in patches.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/18/19
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Retain some mature WS in patches for seed trees to maintain WS % in renewal.          Block is TTR traplines 3 and 4. Request deferral until community concerns addressed.</p>	<p>In the past we've left big sailors that have blown over. We'll leave 20-40 year-old WS in wind firm patches to provide seed source.          Leave in as 2020 Harvest for a quota holder. Small portion of their trap line area on peripheral.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> SNL-804	<b>Twp &amp; Rge:</b> t27r26w	<b>Cut Block Size:</b> 35.9 ha
<b>OPERATING AREA :</b> Sinnott Lake	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350569
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	73	21.6	28	66%	162	5,821
BA				0%	0	0
WB		16.3	22	7%	18	656
<b>Total HW</b>				74%	180	6,477
WS	109	25.6	46	26%	64	2,297
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				26%	64	2,297
<b>Block Total:</b>					<b>244</b>	<b>8,774</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
288	Uniform			50	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	05	13	08
Eco Site	33		

LFH(cm)	S-Type	Moisture	Surface Texture
09	S6	0	Clay Loam

Cover Type: N	IBWC Cnt: 2
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP  
 SOFTWOOD ALLOCATION: Quota Holder/SPL

HARDWOOD VOLUME (m3): 6,153  
 SOFTWOOD VOLUME (m3): 2,182

### 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 on all sides of block. Floods are expanding. Structure will be maintained. Harvest as shown on map.
2	Roads	15	Located on the W side. Maintain structure along road. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 288 to 431 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

The floods in this area have expanded substantially.  
 Maintain structure on small IBWC located in the NE finger of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2024	Sp	WS	1600	21210

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Regeneration	First	2034

### RENEWAL COMMENTS/ISSUES:

Leave ATV access so seedlings can be delivered to the middle of the block.

Areas of WS understory >500 stems/ha and <6m in height are located in the central portion of the block (plots 11 and 15). Clumps of understory will be protected in patches.

## 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 9/15/21
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

Mitigated

<p>Increase the MFZ on the road to 50m treed buffer.</p> <p>Minimal access to be left for planting. See operating area general commenst.</p>	<p>Would prefer to reduce to 15m. There are plenty of shrubs and small trees that will create a LOS break. Due to time limitations, this will have to be discussed on a case by case basis, at the time of harvest.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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## Integrated Operations by Operating Area

Plan(s): FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

Stoski Rd.

<b>STR-012</b>	74.96 Hectares		2023 Harvest
HW Allocation	10,442 m3	LP	
SW Allocation	1,193 m3	SPL	
<b>STR-013</b>	61.80 Hectares		2023 Harvest
HW Allocation	8,253 m3	LP	
SW Allocation	1,427 m3	SPL	
<b>STR-014</b>	45.75 Hectares		2023 Harvest
HW Allocation	9,470 m3	LP	
SW Allocation	843 m3	SPL	
<b>STR-015</b>	72.25 Hectares		2023 Harvest
HW Allocation	12,227 m3	LP	
SW Allocation	2,218 m3	SPL	
<b>STR-016</b>	47.71 Hectares		2023 Harvest
HW Allocation	6,136 m3	LP	
SW Allocation	871 m3	SPL	
<b>STR-017</b>	91.12 Hectares		2023 Harvest
HW Allocation	8,072 m3	LP	
SW Allocation	3,639 m3	SPL	
<b>STR-018</b>	48.02 Hectares		2023 Harvest
HW Allocation	5,002 m3	LP	
SW Allocation	584 m3	SPL	
<b>STR-802</b>	37.99 Hectares		2023 Harvest
HW Allocation	3,000 m3	LP	
SW Allocation	500 m3	SPL	
<b>STR-807</b>	21.17 Hectares		2022 Harvest
HW Allocation	100 m3	LP	
SW Allocation	105 m3	Quota Holder	
<b>STR-853</b>	87.43 Hectares		2022 Harvest
HW Allocation	7,860 m3	LP/Quota Holder	
SW Allocation	11,167 m3	SPL/Quota Holder	



# Stoski Road Operating Area

Jackfish Lake (JFL)

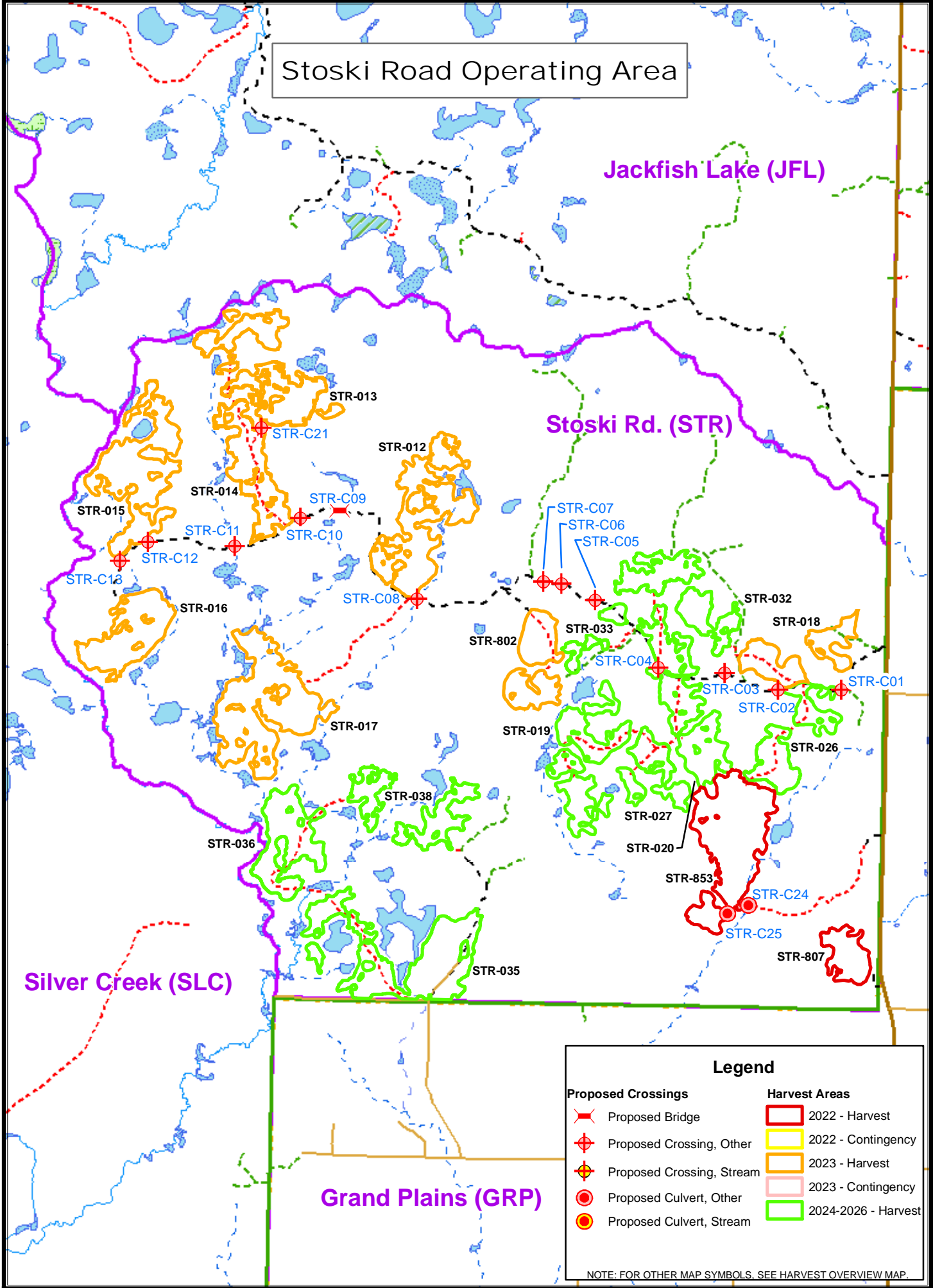
Stoski Rd. (STR)

Silver Creek (SLC)

Grand Plains (GRP)

Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.







## Internal Mitigation Comments

### General

Operating Area	Concern	Manitoba	Action/Response
Stoski Road	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. Will determine on a site by site basis.

### Site Specific

Block	Concern	Manitoba	Action/Response
STR-853	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed.
		If alternate access is to be used, remove 50m of block near STR-020 and STR-026.	Access from the north is frozen only. There are 2 crossings on the access which will melt restricting access. Can remove area from STR-020 if alternate access from north is used.
STR-012	Age of Mitigation	Last mitigated in 2014. Will revisit mitigation at permit time.	
STR-013	Age of Mitigation	Last mitigated in 2014. Will revisit mitigation at permit time.	
STR-014	Age of Mitigation	Last mitigated in 2014. Will revisit mitigation at permit time.	
STR-015	Age of Mitigation	Last mitigated in 2014. Will revisit mitigation at permit time.	

STR-016	Age of Mitigation	Last mitigated in 2014. Will revisit mitigation at permit time.
STR-017	Age of Mitigation	Last mitigated in 2014. Will revisit mitigation at permit time.
STR-802	Age of Mitigation	Last mitigated in 2014. Will revisit mitigation at permit time.
STR-807	Age of Mitigation	Last mitigated in 2005. Will revisit mitigation at permit time.
STR-018	No concerns	Mitigated less than five years ago.

# Roads

# Stoski Road

## STR-1A to 1J (existing)

### Additional Road Development Comments

This is the main access to STR-012 to 018 and 802. This is an existing road which is used as a Snowman Trail.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
10.6	15	6	Frozen	50

### 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 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 trail which will remain open.

## STR-1B-4A (contingency)

### Additional Road Development Comments

This road is a contingency access to block STR-853. It will only be used if roads STR-4A and 4B are not used.

### 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	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
Quota Holder	<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"/>	The first 50m of this road will be closed with slash and debris. ATV access is required for renewal activities.

## STR-1F-1A and 1B (existing)

### Additional Road Development Comments

These roads access block STR-802.

### 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	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<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"/>	<input checked="" type="checkbox"/>	This is an existing trail which will remain open.

**STR-1G-1A****Additional Road Development Comments**

This road accesses block STR-017.

**Road Development:**

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	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The first 100 m of this road will be closed with debris.

**STR-1H-1A****Additional Road Development Comments**

This road goes through STR-014 to access STR-013.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.3	15	6	Frozen	1

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris for the first 100m and at selected locations in block STR-014. Selected locations include landings and areas where debris accumulates. Crossing STR-C21 will also melt restricting access.

**STR-4A (existing)****Additional Road Development Comments**

This road is part of the access to block STR-853. This road was used in 2017 to access block STR-809 and 2020 to access block STR-854.

**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	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL/Quota Holder			<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 be closed with slash and debris.

**STR-4B****Additional Road Development Comments**

This road accesses block STR-853. This is a dry/frozen road which will allow earlier access to this block and avoid using the Snowman trail in the winter.

**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		Crossing Removal	Slash and Debris	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL	Post-Harvest Post-Renewal	<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 in block STR-809 after renewal activities. ATV access is required for renewal and survey purposes.





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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C01		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5688227	<b>UTM Easting:</b>	381255
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	SE-25-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-August-2007
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-1B		

**Site Description:**

This is an existing crossing location. The road was last used in 2004. Dams may be removed to lower water level.

**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:**




<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing. The dams may also be removed to lower water levels.

After harvest is complete the surface of the snow and ice crossing will be cleared and a trench will be constructed to allow for flow during spring melt. If a culvert is used it will be removed after harvest. The crossing will melt and the area will return to near natural conditions.

# PROPOSED CROSSING STR-C01

 A photograph showing a view across a wetland area. In the foreground, there is a dense field of tall, dry grasses and some green plants. A small, shallow pond or stream is visible in the middle ground, surrounded by more vegetation. The background consists of a forest of tall, thin trees, including evergreens and deciduous trees without leaves.	<p>Across</p>
 A photograph showing a view upstream. The foreground is dominated by tall, dry grasses. In the middle ground, there are several tall, thin trees, some of which are bare, and a few evergreens. The background shows a dense forest of trees under a clear blue sky.	<p>Upstream</p>
 A photograph showing a view downstream. The foreground features a stream with some white water rapids or a small waterfall. The banks are covered in tall grasses and some colorful autumn foliage. The background shows a forest of trees, including several tall, thin, bare trees.	<p>Downstream</p>





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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C02		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5688229	<b>UTM Easting:</b>	380585
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW-24-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-August-2007
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-1B		

**Site Description:**

This is an existing crossing location. The road was last used in 2004. Dams may be removed to lower water level.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing. Dams may also be removed to lower water levels.

After harvest is complete the surface of the snow and ice crossing will be cleared and a trench will be constructed to allow for flow during spring melt. If a culvert is used it will be removed after harvest. The crossing will melt and the area will return to near natural conditions.

# PROPOSED CROSSING STR-C02



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C03		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5688358	<b>UTM Easting:</b>	380020
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	SE-26-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-August-2007
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-1C		

**Site Description:**

This is an existing crossing location. The road was last used in 2004. Dams may be removed to lower water level.

**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"/>




<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing. Dams may also be removed to lower water levels.

After harvest is complete the surface of the snow and ice crossing will be cleared and a trench will be constructed to allow for flow during spring melt. If a culvert is used it will be removed after harvest. The crossing will melt and the area will return to near natural conditions.

# PROPOSED CROSSING STR-C03

 <p>21. 6. 2002</p>	<p>Across</p>
 <p>21. 6. 2002</p>	<p>Upstream</p>
 <p>21. 6. 2002</p>	<p>Downstream</p>





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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C04		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5688464	<b>UTM Easting:</b>	379320
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	SE-26-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-August-2007
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-1C		

**Site Description:**

This is an existing crossing location. The road was last used in 2004.

**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"/>




<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing.

After harvest is complete the surface of the snow and ice crossing will be cleared and a trench will be constructed to allow for flow during spring melt. If a culvert is used it will be removed after harvest. The crossing will melt and the area will return to near natural conditions.

# PROPOSED CROSSING STR-C04

 <p>21 6 2002</p>	<p>Across</p>
 <p>21 6 2002</p>	<p>Upstream</p>
 <p>21 6 2002</p>	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C05		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5689177	<b>UTM Easting:</b>	378648
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW-26-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-August-2007
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-1E		

**Site Description:**

This is an existing crossing location. The road was last used in 2004.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing.

After harvest is complete the surface of the snow and ice crossing will be cleared and a trench will be constructed to allow for flow during spring melt. If a culvert is used it will be removed after harvest. The crossing will melt and the area will return to near natural conditions.



# PROPOSED CROSSING STR-C05



Across



Upstream



Downstream





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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C06		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5689352	<b>UTM Easting:</b>	378290
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE-27-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-August-2007
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-1E		

**Site Description:**

This is an existing crossing location. The road was last used in 2004.

**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:**




<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing.

After harvest is complete the surface of the snow and ice crossing will be cleared and a trench will be constructed to allow for flow during spring melt. If a culvert is used it will be removed after harvest. The crossing will melt and the area will return to near natural conditions.

# PROPOSED CROSSING STR-C06

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C07		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5689373	<b>UTM Easting:</b>	378100
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE-27-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-August-2007
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-1E		

**Site Description:**

This is an existing crossing location. The road was last used in 2004.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing.

After harvest is complete the surface of the snow and ice crossing will be cleared and a trench will be constructed to allow for flow during spring melt. If a culvert is used it will be removed after harvest. The crossing will melt and the area will return to near natural conditions.



# PROPOSED CROSSING STR-C07



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C08		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5689188	<b>UTM Easting:</b>	376760
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE-28-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-June-2002
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-1G		

**Site Description:**

This proposed crossing is located on a swale that flows across an old road. The channel is discontinuous and is composed of clay substrate. No fish were observed at the time of inspection and none suspected to inhabit this site.

**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:**

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing.

Once harvest is completed, the surface of the snow and ice crossing will be cleaned off and a trench will be constructed in order to allow for unobstructed flows during the spring melt. If required, erosion control measures will be applied (e.g straw bales) along the road approaches to temporarily prevent sediment from entering the watercourse.



# PROPOSED CROSSING STR-C08



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C09		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5690132	<b>UTM Easting:</b>	375941
<b>Stream Type:</b>	Seasonal	<b>Land Description:</b>	SW-33-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-June-2002
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	Yes
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	04 September,2002
<b>Road Name:</b>	STR-1H		

**Site Description:**

This proposed crossing is located on a permanent stream adjacent to hardwood stands. This crossing installation is considered a low risk activity due to the procedures involved in installing the bridge and the erosion and sediment control measures that will be applied during installation. A detailed stream assessment was conducted on September 4, 2002. Refer to the summary table for details.

**General Considerations:**

LP will follow the DFO Operational Statement for Clear Span Bridges.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A minimum 30 foot bridge span is required.

After harvest is completed, the portable bridge will be removed and any necessary recontouring of road approaches will be completed. The area will be seeded and if required, further erosion and sediment control measures will be implemented in order to prevent any materials or sediment from entering the stream channel.



# PROPOSED CROSSING STR-C09



Across



Upstream



Downstream



## LP Canada Ltd. Swan Valley FRD Stream Assessment Summary Report

Stream Crossing Name: STR-C09

Date of Survey	Stream Type	Wet Channel Width (m)	Bankfull Channel Width (m)	High Water Width (m)	Mean Depth (m)	Velocity (cm/s) from Hydraulic Head	Mean Stream Temperature (°C)
September 4, 2002	Permanent	1.77	10.34	17.5	0.062	14.9	17

Mean Water Surface Slope (%)	Bank Materials	FEC V-Type	Canopy Cover	Terrain Type	% Riffle Habitat	% of Pool Habitat	No of Barriers	Instream Cover % of Undercut Banks
1.1	CL	8	0	Upland hardwood	5	95	2	1

Instream Cover - % of Rock	Instream Cover - % Logs and Trees	Instream Cover - % Organic Debris	Instream Cover - % Other	Substrate - % Rock	Substrate - % Boulder	Substrate - % Rubble	Substrate - % Gravel	Substrate - % Sand	Substrate - % Silt
2.2	1.4	1.2	0	3	0	0	7	21	0

Substrate - % Clay	Substrate - % Muck	Substrate - % Detritus	Aquatic Veg 1	Aquatic Veg 2	Aquatic Veg 3	Invertebrate Order 1	Invertebrate Order 2	Invertebrate Order 3
68	0	0	0	0	0	Hirudinea	Odonata	Hemiptera

Invertebrate Order 4	Invertebrate Order 5	Invertebrate Order 6	Invertebrate Order 7	Invertebrate Order 8	Invertebrate Order 9	Invertebrate Order 10	Invertebrate Order 11
Trichoptera	Gastropoda	0	0	0	0	0	0

Fish sp 1	Fish sp 2	Fish sp 3	Fish sp 4	Fish sp 5	Fish sp 6	Fish sp 7	Fish sp 8
Brook stickleback	Fathead minnow	0	0	0	0	0	0





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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C10		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5690049	<b>UTM Easting:</b>	375524
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	SW-33-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-June-2002
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-1H		

**Site Description:**

This proposed crossing is located on a sedge meadow. No flow and substrate composed of organic material.

**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"/>




<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing.

Once harvest is completed, the surface of the snow and ice crossing will be cleaned off and a trench will be constructed in order to allow for unobstructed flows during the spring melt. If required, erosion control measures will be applied (e.g straw bales) along the road approaches to temporarily prevent sediment from entering the watercourse.

# PROPOSED CROSSING STR-C10

 <p>27.6.2002</p>	<p>Across</p>
 <p>27.6.2002</p>	<p>Upstream</p>
 <p>27.6.2002</p>	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C11		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5689752	<b>UTM Easting:</b>	374829
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE-29-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-June-2002
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-11		

**Site Description:**

This proposed crossing is located on a seasonal swale within a sedge meadow. Low flow at the time of observation and substrate is composed of organic material and clay. No fish observed 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>




**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing.

Once harvest is completed, the surface of the snow and ice crossing will be cleaned off and a trench will be constructed in order to allow for unobstructed flows during the spring melt. If required, erosion control measures will be applied (e.g straw bales) along the road approaches to temporarily prevent sediment from entering the watercourse.



# PROPOSED CROSSING STR-C11

 A photograph showing a wide, grassy field with a stream or small waterway visible in the distance. The background is a dense forest of tall trees under a clear blue sky. A date stamp '27.6.2002' is visible in the bottom right corner of the image.	<p>Across</p>
 A photograph of a dense forest with tall, thin trees and lush green foliage. The scene is filled with various types of trees and undergrowth. A date stamp '27.6.2002' is visible in the bottom right corner of the image.	<p>Upstream</p>
 A photograph of a grassy field with a line of trees in the background. The foreground is dominated by tall grasses and some yellow wildflowers. The trees in the background are tall and thin, similar to those in the other photos. A date stamp '27.6.2002' is visible in the bottom right corner of the image.	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C12		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5689795	<b>UTM Easting:</b>	373909
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW-29-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-June-2002
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-11		

**Site Description:**

This proposed crossing is located on a sedge meadow situated within a hardwood stand. The substrate is composed of organic material. No defined channel and the area is relatively dry.

**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:**

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>




**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing.

Once harvest is completed, the surface of the snow and ice crossing will be cleaned off and a trench will be constructed in order to allow for unobstructed flows during the spring melt. If required, erosion control measures will be applied (e.g straw bales) along the road approaches to temporarily prevent sediment from entering the watercourse.



# PROPOSED CROSSING STR-C12

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>





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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C13		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5689594	<b>UTM Easting:</b>	373614
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE-30-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-June-2002
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-1J		

**Site Description:**

This proposed crossing is located on a swale on an existing trail or old road. The substrate is composed of organic material, silt and clay. No fish observed 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input type="checkbox"/>	<input type="checkbox"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing.

Once harvest is completed, the surface of the snow and ice crossing will be cleaned off and a trench will be constructed in order to allow for unobstructed flows during the spring melt. If required, erosion control measures will be applied (e.g straw bales) along the road approaches to temporarily prevent sediment from entering the watercourse.

# PROPOSED CROSSING STR-C13



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> STR-C21		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5691004	<b>UTM Easting:</b>	375111
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE-32-27-24-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	20-June-2002
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-1H-1A		

**Site Description:**

This proposed crossing is located on a sedge meadow. No flow and substrate composed of organic material.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A small culvert may also be installed with the snow and ice to allow flow through the crossing.

Once harvest is completed, the surface of the snow and ice crossing will be cleaned off and a trench will be constructed in order to allow for unobstructed flows during the spring melt. If required, erosion control measures will be applied (e.g straw bales) along the road approaches to temporarily prevent sediment from entering the watercourse.



# PROPOSED CROSSING STR-C21



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

**Crossing Name:** STR-C24

**Ownership:** SPL

**Operating Area:** Stoski Rd.  
**UTM Northing:** 5685943  
**Stream Type:** Other Watercourse  
**Watercourse Name:** N/A  
**Channel Width (m):** 1.0  
**Water Depth (m):** 0.3  
**Road Name:** STR-4B

**Contingency Crossing:**   
**UTM Easting:** 380274  
**Land Description:** NW13-27-24W  
**Crossing Inspection Date:** 26-April-2021  
**Stream Assessment Required:**  
**Stream Assessment Complete:**

**Site Description:**

Crossing is a flooded swale in mixed wood stand. Crossing is approximately 10m of sedge/willow with dams up and down stream. Substrate is rock/clay/organic. No flow at time of inspection. Dams may be removed. Cordoroy and/or fill will be used.

**General Considerations:**

SPL 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:**

to

**Permanent Crossing:**

**Proposed Install Date:**

**Crossing Duration:**  Years

**Remove after Renewal Activities:**

**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 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 STR-C24



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

<b>Crossing Name:</b> STR-C25		<b>Ownership:</b> SPL	
<b>Operating Area:</b>	Stoski Rd.	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5685852	<b>UTM Easting:</b>	380052
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW13-27-24W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	26-April-2021
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	STR-4B		

**Site Description:**

Crossing is a flooded swale in a mixed wood stand. Approximately 30 meters of sedge/willow at crossing. Dams up and down stream. Two dams may be removed. Substrate is organic/clay with no flow at time of inspection. Cordoroy and/or fill will be used.

**General Considerations:**

SPL 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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2022"/>	to <input type="text" value="01 July,2023"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**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 24 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 STR-C25



Across



Upstream



Downstream





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> STR-012	<b>Twp &amp; Rge:</b> t27r24w	<b>Cut Block Size:</b> 75.0 ha
<b>OPERATING AREA :</b> Stoski Rd.	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 370569
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	78	19.0	30	65%	106	7,963
BA		17.6	30	18%	29	2,185
WB		16.4	26	7%	11	844
Total HW				90%	147	10,992
WS	90	14.9	23	10%	17	1,255
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				10%	17	1,255
<b>Block Total:</b>					<b>163</b>	<b>12,247</b>

Understory Stems/ha and Distribution							
WS		BS		BF			
361	Uniform			32	Clumped		
Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	05	08		08	S5	2	Silty Clay Loam
	Eco Site			09	S5	2	Silty Clay Loam
Cover Type: H		IBWC Cnt: 2					

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 10,442  
 SOFTWOOD VOLUME (m3): 1,193

### 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 NE side. Structure will be maintained. Harvest as shown on map.
2	Wetland	MFZ	Located on E side. Structure will be maintained. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 600 to 900 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block. Alder, raspberry, willow, prickly rose and thistle are present in small amounts. Blue-joint grass is present in approximately half the plots.

This block has moderately undulating topography.

Maintain shrub and treed structure around small wetlands located throughout the block.

Maintain a max of 15 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.

Snags are mainly concentrated within the S half of the block; maintain within WTP's where safe to do so.

Cross IBWC on E side in one location only.

Evidence of previous harvest activity throughout block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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:

Areas of WS understory >500 stems/ha and <6m in height are localized on the W side, central and N tip of the block (plots 2, 15, 24,25,29, 31,35 and 47). Clumps of understory will be protected in patches.  
 Area of BF understory >500 stems/ha and <6m in height is localized in one plot (34) in the N central portion of the block. These areas will be harvested with concentrated clumps of BF being maintained.

## 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 10/31/14
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Snowmobile access in winter. One year notice to club.</p> <p>Request designated trail for harvest in dense WS understory patches.</p> <p>15 m RZ wetland NE side may be reduced if LOS broken by US protection.</p> <p>Do not understand why LOS will not be met with structure, US, topography</p> <p>Clarify where buffer is on E side.</p> <p>Request some planting of softwood patches.</p> <p>LOS to be met, moose wintering area.</p>	<p>Will notify club. The snowmobile clubs are on our SAC and usually come out to the open houses. Will contact the affected clubs when harvest is planned. Discussed. The 4 highest understory plots were removed. The remainder will be harvested with patch retention.</p> <p>Will leave at MFZ. Patch retention should break LOS.</p> <p>Discussed. Request will be removed.</p> <p>Clarified. Will cross IBWC on E side in one location only.</p> <p>Will discuss with SPL silvicultural forester.</p> <p>OK.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> STR-013	<b>Twp &amp; Rge:</b> t27r24w	<b>Cut Block Size:</b> 61.8 ha
<b>OPERATING AREA :</b> Stoski Rd.	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 370569
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	92	21.2	31	62%	101	6,270
BA	83	18.5	31	15%	25	1,522
WB	68	16.3	24	9%	14	895
Total HW				85%	141	8,687
WS	55	15.5	25	8%	13	807
BS				0%	0	0
JP				0%	0	0
BF		16.6	23	7%	11	694
Total SW				15%	24	1,501
<b>Block Total:</b>					<b>165</b>	<b>10,188</b>

Understory Stems/ha and Distribution						
WS		BS		BF		
260	Uniform			297	Clumped	
Eco Land Classification			Soils Summary			
V Type			LFH(cm)	S-Type	Moisture	Surface Texture
1st	2nd	3rd	10	S5	2	Silty Clay
05	08	01	05	S5	2	Clay Loam
Eco Site			08	S4	2	Silt Loam
11	32	23				
Cover Type: H		IBWC Cnt: 4				

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 8,253  
 SOFTWOOD VOLUME (m3): 1,427

### 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
Flood	MFZ	Located on W central portion of block. Structure will be maintained. Harvest as shown on map.
Flood	MFZ	Located on SE side of block. Structure will be maintained. Harvest as shown on map.
Flood	MFZ	Located along N side. Structure will be maintained. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 494 to 742 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block. Alder, prickly rose, fireweed, thistle and blue-joint grass are present in small amounts.  
 This block has moderately undulating topography.  
 Maintain shrub and treed structure around small wetlands located within the center, NE corner and S end of the block.  
 Maintain a max of 12 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Snags mainly concentrated in the N end and S end of the block; maintain within WTP's where safe to do so.  
 Evidence of previous harvest activity throughout block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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:

Areas of WS understory >500 stems/ha and <6m in height are localized in the central and N portions of the block (plots 7, 20, 21, 23, 26, 40 and 47). Clumps of understory will be protected in patches. Plot 23 has most of the WS understory and has been removed from the block. Plots 7 and 21 are along the block edge and have also been removed from the block.

Areas of BF understory >500 stems/ha and <6m in height are localized in plots 21, 23, 24, 35, 36 and 37 in the NW and W central portions of the block. These areas will be harvested with concentrated clumps of BF being maintained. Plots 21 and 23 have very high BF and WS understory and have been removed from the block.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/31/14
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Identify access to north end of block. Existing or new?            Plantation to W/center of block.            Moose wintering, LOS will apply.            MFZ sufficient.</p>	<p>Will depend on extent of flooding. Will determine at time of harvest.            MC will get back to LP about exact location and survival.            OK. Will remove comment.            OK.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> STR-014	<b>Twp &amp; Rge:</b> t27r24w	<b>Cut Block Size:</b> 45.8 ha
<b>OPERATING AREA :</b> Stoski Rd.	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 370569
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	86	20.1	28	77%	183	8,376
BA		18.3	29	6%	13	609
WB	81	15.9	27	9%	21	983
Total HW				92%	218	9,968
WS	81	16.2	25	7%	16	712
BS		9.0	16	0%	1	39
JP				0%	0	0
BF		15.0	23	1%	3	136
Total SW				8%	19	887
<b>Block Total:</b>					<b>237</b>	<b>10,855</b>

Understory Stems/ha and Distribution						
WS		BS		BF		
194	Uniform			117	Clumped	
Eco Land Classification			Soils Summary			
V Type			LFH(cm)	S-Type	Moisture	Surface Texture
1st			08	S5	2	Silty Clay
2nd						
3rd						
Eco Site			12	S10	5	Silty Clay
Cover Type: H		IBWC Cnt: 2				

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 9,470  
 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	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 366 to 549 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block. Pricky rose and blue-joint grass are present in small amounts.  
 This block has moderately undulating topography.  
 Maintain a max of 8 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Snags mainly concentrated within the centre and along the E edge of the block; maintain within WTP's where safe to do so.  
 Evidence of previous harvest activity throughout block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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:

Areas of WS understory >500 stems/ha and <6m in height are localized on the central portion of the block (plots 19 and 23). Plot 23 has high understory levels and has been made into a WLTP. Plot 19 is an edge plot. Clumps of understory will be protected in patches.

Areas of BF understory >500 stems/ha and <6m in height are localized in the S end of the block (plots 8 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 10/31/14
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Site prep and planting have been done in block.          Moose wintering area. LOS guidelines to apply.</p>	<p>MC will let LP know location and survival of plantation.          OK. Will remove comment.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> STR-015	<b>Twp &amp; Rge:</b> t27r24w	<b>Cut Block Size:</b> 72.3 ha
<b>OPERATING AREA :</b> Stoski Rd.	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 370569
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	87	21.6	28	78%	165	11,897
BA	75	19.1	24	6%	13	973
WB				0%	0	0
<b>Total HW</b>				85%	178	12,870
WS	71	16.8	27	10%	21	1,513
BS		14.8	19	5%	11	821
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				15%	32	2,334
<b>Block Total:</b>					<b>210</b>	<b>15,204</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
122	Uniform	59	Clumped		

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	05	08	01	06	S6	2	Clay Loam		
	14	S5	2	Loam					

<b>Cover Type:</b> H	<b>IBWC Cnt:</b> 2
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 12,227  
 SOFTWOOD VOLUME (m3): 2,218

### 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	Wetland	MFZ	Located on SW and SE sides. Structure will be maintained. Harvest as shown on map.
2	Stream	50	Silver Creek located on W side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 578 to 867 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block. Alder and blue joint grass are present in moderate amounts and thistle is present in small amounts.  
 This block has moderately undulating topography.  
 Maintain a max of 15 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Snags mainly concentrated within the N and S fingers of the block; maintain within WTP's where safe to do so.  
 Evidence of previous harvest activity in south portion of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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	2029

### RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are localized in the central portion of the block (plots 20 and 30). Clumps of understory will be protected in patches.

Areas of BS understory >500 stems/ha and <6m in height are localized in the central portion of the block (plots 11, 28 and 38). These plots have all been removed from the block.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/31/14**
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Discuss BS in center of block, harvest and plant or leave and no plant.          If BS in center is left maintain hardwood rim for windfirmness.          Moose wintering area LOS guidelines to apply.</p>	<p>Will discuss with SPL silvicultural forester.          Will maintain hardwood rim if BS not harvested.          OK. Will remove comment.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> STR-016	<b>Twp &amp; Rge:</b> t27r24w	<b>Cut Block Size:</b> 47.7 ha
<b>OPERATING AREA :</b> Stoski Rd.	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 370568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	80	20.6	33	56%	88	4,199
BA		18.2	31	24%	37	1,773
WB		16.3	31	8%	12	575
<b>Total HW</b>				87%	137	6,547
WS	72	13.9	24	12%	18	866
BS				0%	0	0
JP				0%	0	0
BF		16.7	27	1%	2	76
<b>Total SW</b>				13%	20	942
<b>Block Total:</b>					<b>157</b>	<b>7,489</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
276	Uniform			38	Clumped

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	LFH(cm)	S-Type	Moisture	Surface Texture						
	05	08	01	10	S6	2	Silty Clay			
	11	51		09	S2	1	Silty Clay Loam			

<b>Cover Type:</b> H	<b>IBWC Cnt:</b> 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 6,136  
 SOFTWOOD VOLUME (m3): 871

### 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 seasonal stream on E and N sides. Structure will be maintained. Harvest as shown on map.
2	Stream	50	Silver Creek located on SW side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 382 to 573 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block. Blue joint grass is present in moderate amounts. Alder and thistle are present in small amounts.  
 This block has relatively flat topography.  
 Maintain shrub and treed structure around small wetlands located in the center, SW and NW corners of the block.  
 Maintain a max of 9 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Snags mainly concentrated in the S half of the block; maintain within WTP's where safe to do so.  
 Evidence of previous harvest activity throughout block.

Stoski Rd.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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:

Areas of WS understory >500 stems/ha and <6m in height are localized in the W and N sides of the block (plots 12, 24 and 25 ). Plot 12 has most of the WS understory and has been rmade in a WTP. In plots 24 and 25 clumps of understory will be protected in patches.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/31/14
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Possible plantation on N side of block. Stay out of plantation.            Any dense areas of WS understory over 1 ha in size.            Discuss showing more structure due to flat topography.            Moose wintering area. LOS guidelines to apply.</p>	<p>MC will let LP know location and survival of plantation.            Hard to determine from data.            Will draw more patches.            OK. Will remove comment.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> STR-017	<b>Twp &amp; Rge:</b> t27r24w	<b>Cut Block Size:</b> 91.1 ha
<b>OPERATING AREA :</b> Stoski Rd.	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 370568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	88	18.2	29	43%	58	5,254
BA	60	17.0	30	19%	25	2,310
WB		15.6	26	8%	10	934
<b>Total HW</b>				69%	93	8,498
WS	89	15.6	28	31%	42	3,831
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				31%	42	3,831
<b>Block Total:</b>					<b>135</b>	<b>12,329</b>

Understory Stems/ha and Distribution						
WS		BS		BF		
85	Uniform			8	Clumped	
Eco Land Classification			Soils Summary			
V Type			LFH(cm)	S-Type	Moisture	Surface Texture
1st	2nd	3rd	09			Loamy Sand
05	08	13	04	S5	2	Silty Clay Loam
Eco Site			09	S5	2	Silty Clay
33	32	23	08	S6	2	Silty Clay
Cover Type: N		IBWC Cnt: 3				

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 8,072  
 SOFTWOOD VOLUME (m3): 3,639

### 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 all sides. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 729 to 1,093 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block. Raspberry, alder, thistle and blue-joint grass are present in small amounts.  
 This block has moderately undulating topography.  
 Maintain shrub and treed structure around small open areas and wetlands located in the center and S end of the block.  
 Maintain a max of 18 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Snags mainly concentrated in the center and S half of the block; maintain within WTP's where safe to do so.  
 Evidence of previous harvest activity throughout block.

Stoski Rd.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2024	Sp	WS	1600	19440

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Reforestation	First	2034

### RENEWAL COMMENTS/ISSUES:

Would prefer seed trees because of access.  
 Pockets of softwood everywhere, if other blocks harvested as the same time, would consider planting the blocks.  
 Wet access requires snow cache and helicopter

## 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 10/31/14
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Renewal of harvest softwood areas to be addressed.            Recommend winter scarification and seeding/ seed trees.            Discuss existing access into block.            100 m debris on STR-1G-1A.</p>	<p>Will discuss with SPL silvicultural forester. Option for planting or seed trees.            N block therefore no. Might plant portions via helicopter. Will assess.            Discussed. Will use access as shown.            OK. Will add to prescription.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Stoski Rd. - STR-017



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> STR-018	<b>Twp &amp; Rge:</b> t27r24w	<b>Cut Block Size:</b> 48.0 ha
<b>OPERATING AREA :</b> Stoski Rd.	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 380568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	57	19.5	32	58%	71	3,389
BA	47	19.6	27	31%	37	1,795
WB		15.0	22	1%	2	81
<b>Total HW</b>				90%	110	5,265
WS	83	16.8	32	10%	13	615
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				10%	13	615
<b>Block Total:</b>					<b>122</b>	<b>5,880</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
25	Clumped				

Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
		05	01		01	S1	2
Eco Site	31						

Cover Type: H	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,002  
 SOFTWOOD VOLUME (m3): 584

### 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
Roads	MFZ	Stoski Road located on the S side. Structure will be maintained. Harvest as shown on map.
Flood	MFZ	Located on the W, E, S and center sides. Floods are all expanding. Structure will be maintained. Harvest as shown on map.
Cabin	100	Snowman cabin located on the E side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 384 to 576 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain a max of 9 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Stoski Road is also used as Snowman trail. Contact Snowman to inform of harvest. Mitigate possible conflicts.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 **10/18/19**
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

Mitigated

<p>100m buffer of SnoMan cabin.</p> <p>Discuss shared use of road with Intermountain SnoMan club. Buffer or no buffer.</p>	<p>'Was showing as 100m+ on block boundary, will update prescription to match. Agreed.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> STR-802	<b>Twp &amp; Rge:</b> t27r24w	<b>Cut Block Size:</b> 38.0 ha
<b>OPERATING AREA :</b> Stoski Rd.	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 370568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	80	20.1	32	40%	64	2,422
BA		17.7	25	5%	9	325
WB		15.9	23	18%	29	1,083
<b>Total HW</b>				64%	101	3,830
WS	74	19.3	36	31%	50	1,883
BS		12.5	22	4%	6	215
JP				0%	0	0
BF		9.8	18	1%	2	57
<b>Total SW</b>				36%	57	2,155
<b>Block Total:</b>					<b>158</b>	<b>5,985</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
336	Uniform	182	Clumped	318	Uniform

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type			
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture
05	S5	3	Silty Clay Loam
09	S9	5	Silt Loam

Cover Type: N	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,000  
 SOFTWOOD VOLUME (m3): 500

### 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. Maintain structure. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 304 to 456 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Mitigated in 1999/00 AOP.  
 Beaked hazel, raspberry, thistle and alder are present in the block.  
 This block has moderately undulating topography.  
 Snags located throughout block; maintain where safe to do so.  
 Maintain advanced regen if present in patches.  
 This block was selectively harvested for softwood 15 years ago. The block has had some area added on the N end and will be completed by LP.  
 Most of the softwood has been harvested from this block. The area to the north which was added is mostly hardwood.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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	2023

### RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are located in the S portion of the block (plots 3, 5 and 13). Clumps of understory will be protected in patches.

Areas of BF understory >500 stems/ha and <6m in height are located in the S portion of the block (Plots 8, 11 and 15). 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 central portion of the block (plots 11 and 13). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/31/14
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Recommnd selective harvest of softwood and remove hardwood.</p>	<p>Has been selective harvested for softwood in the past. If advanced regen is present it will be avoided with patch retention. No concerns.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> STR-807	<b>Twp &amp; Rge:</b> t27r24w	<b>Cut Block Size:</b> 21.2 ha
<b>OPERATING AREA :</b> Stoski Rd.	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 380568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	77	15.8	25	48%	69	1,464
BA		13.8	24	2%	3	60
WB				0%	0	0
<b>Total HW</b>				50%	72	1,524
WS		18.9	38	50%	71	1,496
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				50%	71	1,496
<b>Block Total:</b>					<b>143</b>	<b>3,020</b>

Understory Stems/ha and Distribution								
WS		BS		BF				
122	Uniform							
Eco Land Classification				Soils Summary				
		1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
<b>V Type</b>		08	05		04	S6	3	Loam
<b>Eco Site</b>		33	32		10	S10	2	Clay Loam
<b>Cover Type:</b> N		<b>IBWC Cnt:</b> 0						

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP

SOFTWOOD ALLOCATION: Quota Holder

HARDWOOD VOLUME (m3): 100

SOFTWOOD VOLUME (m3): 105

### 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 169 to 254 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Quota holder will harvest approximately 1 to 2 ha per year.  
 Flat ground and few to no wet areas within block; ensure WTP's are maintained in a variety of sizes to mitigate L.O.S.  
 Keep snowmobile trail, which runs along the S end, free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 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 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
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 9/16/05
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

Consider shelterwood and understory protection.	Discussed shelterwood. Agreed to a one year trial and to review after harvest. District will provide guidance to quota holder. LP/MC will review after 1st year and evaluate harvest approach for future.	<input checked="" type="checkbox"/>
Discuss starting at back of block using existing trail.	LP not sure quota holder would start at back. Agreed using existing trail would make it easier. Encourage site visit between LP, quota holder and District re:access and harvest plan.	<input checked="" type="checkbox"/>
300m LOS for elk prescribed in Jan, 2020.	Block is 350 m x 350 m. Will look at a couple small leave patches to meet this.	<input checked="" type="checkbox"/>
Year round elk habitat.	LP did not observe year round elk use in block. Very few trails or evidence of heavy use.	<input checked="" type="checkbox"/>
MC requires 25% cover be maintained and evaluated at year end.	See comments regarding shelterwood harvest.	<input checked="" type="checkbox"/>



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> STR-853	<b>Twp &amp; Rge:</b> t27r24w	<b>Cut Block Size:</b> 87.4 ha
<b>OPERATING AREA :</b> Stoski Rd.	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 380568
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	67	20.3	31	32%	74	6,474
BA		19.0	30	6%	14	1,203
WB		17.6	22	3%	7	598
<b>Total HW</b>				41%	95	8,275
WS	73	20.1	32	59%	134	11,755
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				59%	134	11,755
<b>Block Total:</b>					<b>229</b>	<b>20,030</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
119	Clumped			10	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	13	08	21
Eco Site	23		

Soils Summary	
LFH(cm)	S-Type
16	S2

Moisture	1
Surface Texture	Silty Sand

Cover Type: M	IBWC Cnt: 1
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP/Quota Holder  
 SOFTWOOD ALLOCATION: SPL/Quota Holder

HARDWOOD VOLUME (m3): 7,860  
 SOFTWOOD VOLUME (m3): 11,167

### 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 E, S and W sides of block. Variable MFZ to 30m buffer. Harvest as shown on map. Wetlands are expanding.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 699 to 1,049 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain a max of 17 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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: M

### 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	1800	119880

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Ensure ATV access for seedling delivery

Areas of WS understory >500 stems/ha and <6m in height are located in the central portion of the block (plots 23 & 25). Clumps of understory will be protected in patches.

## 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 <b>9/15/21</b>
<input type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 11

### Swan Lake

<b>SWL-050</b>	126.64 Hectares		2023 Contingency
HW Allocation	18,996 m3	LP/Quota Holder	
SW Allocation	0 m3	SPL	
<b>SWL-051</b>	142.02 Hectares		2023 Contingency
HW Allocation	21,303 m3	LP/Quota Holder	
SW Allocation	0 m3	SPL	



# Swan Lake Operating Area

Bowsman (BSN)

Swan Lake (SWL)

Lenswood CP

Wuski Sipink First Nation

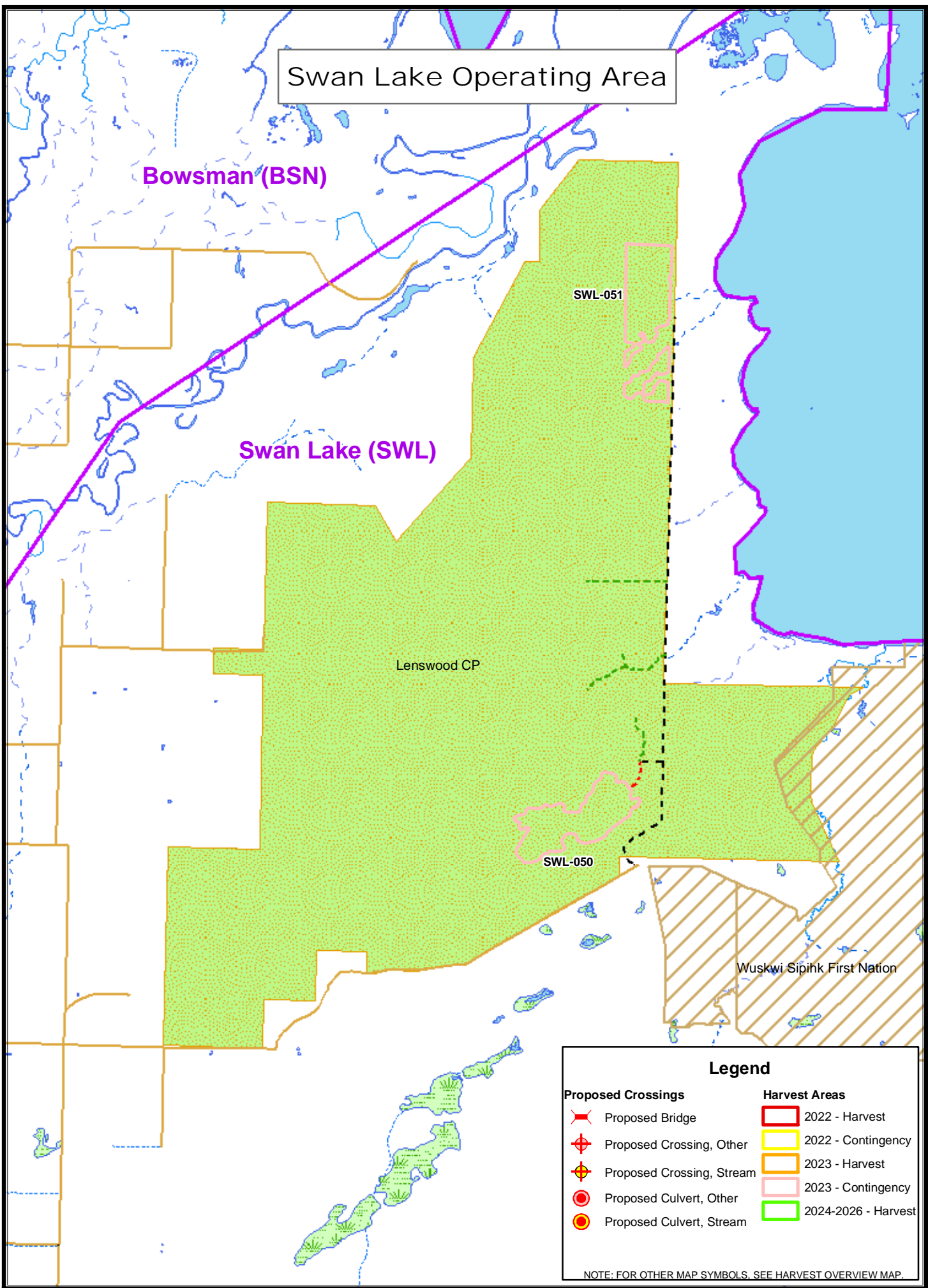
SWL-051

SWL-050

**Legend**

Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.







# Roads

# Swan Lake

## SWL-2A (existing)

### Additional Road Development Comments

This road accesses block SWL-051 and is part of the access to block SWL-050.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
5.0	20	8	Dry/Frozen	50

### 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/Quota Holder	<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"/>	<input checked="" type="checkbox"/>	This is an existing road the the Lenswood Community Pasture and will remain open.

## SWL-2A-2A (existing)

### Additional Road Development Comments

This road is part of the access to block SWL-050.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.4	20	8	Dry/Frozen	50

### 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/Quota Holder	<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"/>	<input checked="" type="checkbox"/>	This is an existing road and will remain open.

## SWL-2A-2B

### Additional Road Development Comments

This road accesses block SWL-050.

### 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	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP/Quota Holder	<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"/>	The first 50m of this road will be closed with slash and debris.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SWL-050	<b>Twp &amp; Rge:</b> t39r23w	<b>Cut Block Size:</b> 126.6 ha
<b>OPERATING AREA:</b> Swan Lake	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 370579
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type			
Eco Site			

Soils Summary	
LFH(cm)	S-Type

<b>Cover Type:</b>	<b>IBWC Cnt: 0</b>
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP/Quota Holder  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 18,996  
 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	Wetland	MFZ	Located on the SE side. Structure will be maintained. Harvest as shown on map.
2	Wetland	MFZ	Located on the W side. Structure will be maintained. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 1,013 to 1,520 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is in the Lenswood Community Pasture.  
 This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SWL-051	<b>Twp &amp; Rge:</b> t39r23w	<b>Cut Block Size:</b> 142.0 ha
<b>OPERATING AREA:</b> Swan Lake	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 380580
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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:		IBWC Cnt: 0			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP/Quota Holder  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 21,303  
 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	Wetland	MFZ	Located in the middle portion of block. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 1,136 to 1,704 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is in the Lenswood Community Pasture.  
 This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 11

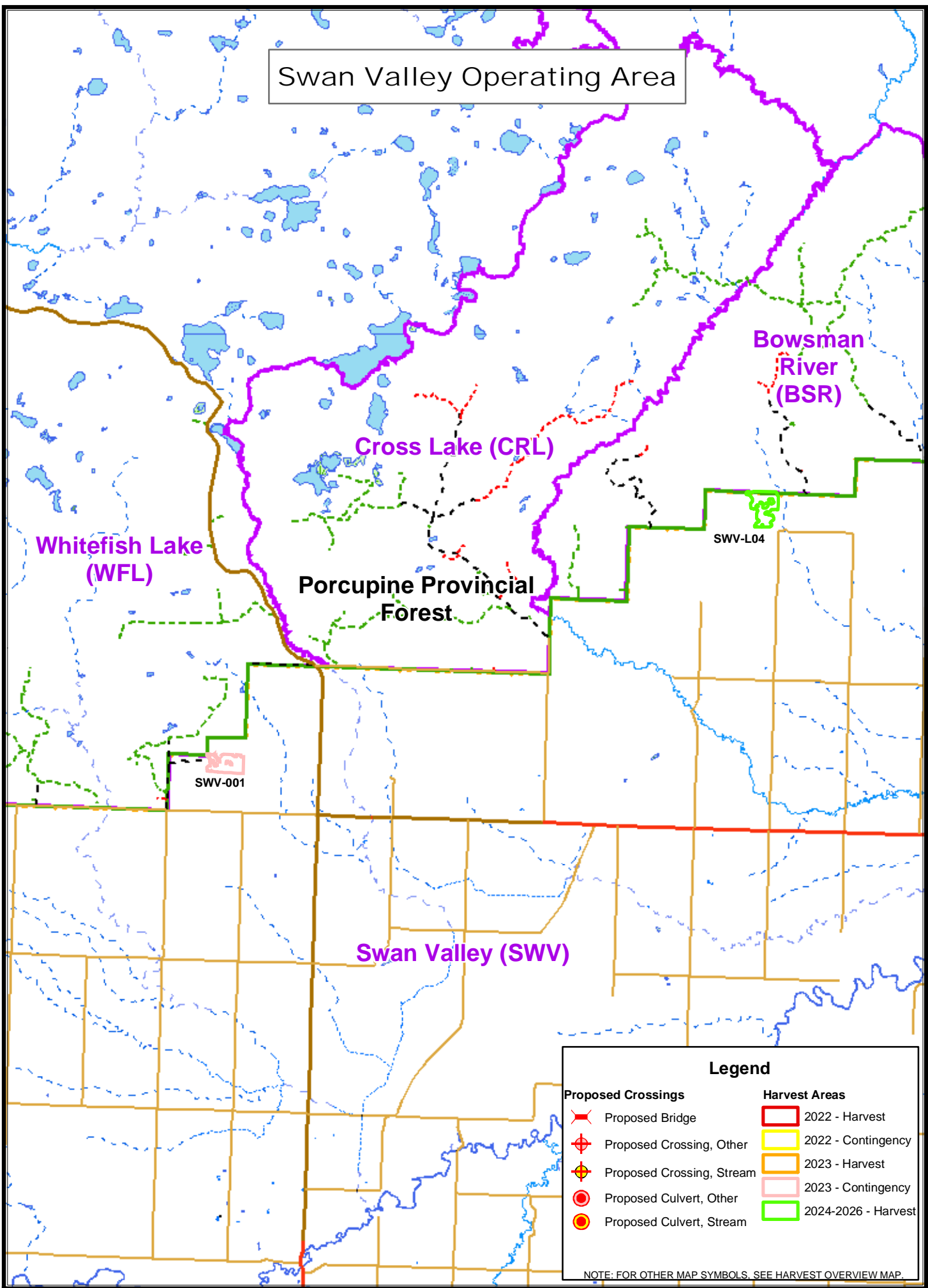
### Swan Valley

SWV-001	27.49 Hectares		2023 Contingency
HW Allocation	4,031 m3	LP	
SW Allocation	0 m3	SPL	





# Swan Valley Operating Area



Whitefish Lake (WFL)

Cross Lake (CRL)

Bowsman River (BSR)

Porcupine Provincial Forest

SWV-001

SWV-L04

Swan Valley (SWV)

Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.



# Roads

# Swan Valley

**SWV-1A (existing)**

**Additional Road Development Comments**

This road accesses block SWV-001. This road was used in 2016.

**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	Slash and Debris	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A berm will be placed at the start of the road. Road will be closed with slash and debris.
	Post-Renewal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> SWV-001	<b>Twp &amp; Rge:</b> t38r29w	<b>Cut Block Size:</b> 27.5 ha
<b>OPERATING AREA:</b> Swan Valley	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 320579
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 11	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 4,031  
 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 220 to 330 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.  
 Private land located on the S and E sides. Ensure boundary is GPS'd and flagged.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML  
 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### Tee Lakes

<b>TEL-811</b>	8.06 Hectares	2022 Contingency
HW Allocation	435 m3	Quota Holder/LP
SW Allocation	279 m3	SPL
<b>TEL-822</b>	85.66 Hectares	2022 Harvest
HW Allocation	17,449 m3	Quota Holder/LP
SW Allocation	5,270 m3	SPL
<b>TEL-823</b>	63.42 Hectares	2022 Harvest
HW Allocation	12,856 m3	Quota Holder/LP
SW Allocation	3,114 m3	SPL
<b>TEL-824</b>	36.42 Hectares	2023 Contingency
HW Allocation	4,334 m3	Riehl/SPL/LP
SW Allocation	3,278 m3	SPL
<b>TEL-825</b>	62.56 Hectares	2023 Contingency
HW Allocation	7,445 m3	Riehl/SPL/LP
SW Allocation	5,630 m3	SPL
<b>TEL-878</b>	76.49 Hectares	2022 Contingency
HW Allocation	7,337 m3	Quota Holder/LP
SW Allocation	11,850 m3	SPL
<b>TEL-882</b>	19.18 Hectares	2023 Harvest
HW Allocation	2,004 m3	Quota Holder/LP
SW Allocation	2,034 m3	SPL/Riehl
<b>TEL-883</b>	70.70 Hectares	2023 Harvest
HW Allocation	8,233 m3	Quota Holder/LP
SW Allocation	2,646 m3	SPL/Riehl
<b>TEL-885</b>	30.16 Hectares	2023 Contingency
HW Allocation	3,589 m3	Riehl/SPL/LP
SW Allocation	2,714 m3	SPL
<b>TEL-890</b>	19.69 Hectares	2022 Harvest
HW Allocation	4,307 m3	Quota Holder/LP
SW Allocation	435 m3	SPL
<b>TEL-892</b>	29.64 Hectares	2023 Contingency
HW Allocation	3,527 m3	Riehl/SPL/LP
SW Allocation	2,668 m3	SPL
<b>TEL-919</b>	106.21 Hectares	2022 Harvest
HW Allocation	5,694 m3	Riehl/SPL/LP
SW Allocation	13,389 m3	SPL







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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML  
 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### Tee Lakes

<b>TEL-923</b>	83.06 Hectares		2022 Harvest
HW Allocation	3,330 m3	Quota Holder/LP	
SW Allocation	16,555 m3	SPL	
<b>TEL-928</b>	19.66 Hectares		2023 Contingency
HW Allocation	1,970 m3	SPL/Riehl/LP	
SW Allocation	1,512 m3	SPL	
<b>TEL-929</b>	47.67 Hectares		2023 Contingency
HW Allocation	4,770 m3	SPL/Riehl/LP	
SW Allocation	2,709 m3	SPL	
<b>TEL-930</b>	29.52 Hectares		2023 Contingency
HW Allocation	2,950 m3	SPL/Riehl/LP	
SW Allocation	2,367 m3	SPL	
<b>TEL-931</b>	69.04 Hectares		2022 Harvest
HW Allocation	3,102 m3	Quota Holder/LP	
SW Allocation	11,704 m3	SPL	
<b>TEL-932</b>	127.42 Hectares		2023 Contingency
HW Allocation	12,740 m3	SPL/Riehl/LP	
SW Allocation	10,908 m3	SPL	



# Tee Lakes Operating Area

West Favel (WEF)

Duck Mountain Provincial Park Backcountry

Line Lake (LNK)

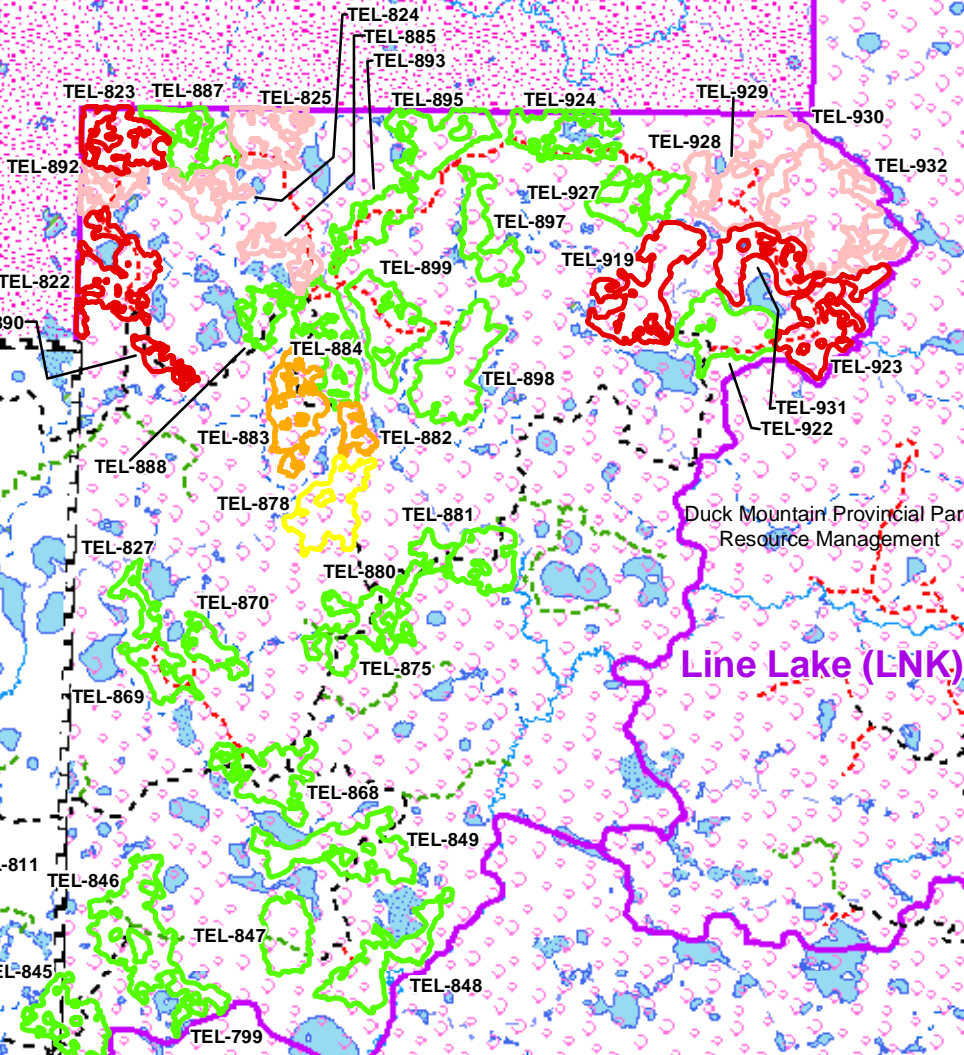
Tee Lakes (TEL)

Ketchum Creek (KTC)

Duck Mountain Provincial Park Resource Management

Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.





## Mitigation Comments

### General

Operating Area/ Mitigation Year	Concern	Manitoba	Action/Response
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Tee Lakes	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. Will determine on a site by site basis.
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### Site Specific

Block	Concern	Manitoba	Action/Response
-------	---------	----------	-----------------

TEL-811	Access Control	Block is small and on the main road. All in block roads to be closed post harvest. No access to be left open for planting.	Agreed.
TEL-822	Wildlife Ungulate	Ensure LOS maintained through the middle of the block. In particular along the section of road between plots 12 and 34.	Agreed.
	Harvest Sequence / Access Control	Can this block be harvested after TEL-823 and TEL-892? Alternatively, harvest east of the road, in this block, then harvest TEL-823 and TEL-892, and harvest the west side of 822 on the way out.	This block is planned for harvest after TEL-823 and 892. If not the harvest will be done on the east side of the road only until TEL-823 and 892 are harvested.
	Wildlife Furbearers	No WLDP?	Will add WLDP.
TEL-823	Harvest Sequence / Access Control	Can this block be harvested at the same time as TEL-892? That way this access can be closed in as short of a time as possible.	The plan is to harvest these two blocks first. Block TEL-892 needs to be surveyed this summer and will be permitted as soon as surveyed.
	Wildlife Furbearers	No WLDP?	Will add WLDP.

TEL-890	Terrestrial buffers - IRMT Discretion	There is a comment saying the block will be GPS'ed to ensure no encroachment into Back Country. The block does not appear to be on the boundary?	Will remove comment.
	Forest Renewal	There is no mention of Understory Protection for BS in the Renewal Comments/Issues section. Shouldn't there be?	Will add comment.
		Wherever possible, leave WS seed trees in wind firm patches.	Agreed. Will add comment.
TEL-892	Harvest Sequence / Access Control	Can this block be surveyed and mitigated as soon as possible? Would like to see this block, TEL-822 and TEL-823 harvested in as short a time possible to enable swift access closure.	The plan is to survey this block as soon as possible and apply for work permit to harvest with blocks TEL-822 and 823.
TEL-931	Wildlife Furbearers	No WLDP?	Will add WLDP.
	Access Control	Limit access post harvest to two helipads, and one central access for ATV. See Operating Area General Comment about planting access.	Agreed.
TEL-821, 843, 844, 863, 923.		Already permitted.	
TEL-824, TEL-825, TEL-885, TEL-932	Not Surveyed	Will mitigate after survey.	
TEL-882, , 878883	No concerns	Blocks were mitigated less than five years ago.	

# Roads

# Tee Lakes

## TEL-1A to 1K (existing)

### Additional Road Development Comments

This is part of the main access to the TEL blocks on the east central portion of the operating area. They are part of the access to blocks TEL-878, 928 to 932.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
18.9	20	8	Dry/Frozen	25

### Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
SPL/Reihl	<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"/>	These roads will be open for a number of years. There is a gate near the start of the road. Closure of these roads will probably be in 10 to 15 years.

## TEL-1F-3A (existing)

### Additional Road Development Comments

This road accesses block TEL-878.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.6	15	6	Frozen	15

### Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
Riehl/SPL	<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"/>	The first 50m of this road will be closed with slash and debris. ATV access is required for renewal and survey purposes.

## TEL-1K-1A (existing)

### Additional Road Development Comments

This road accesses block TEL-919 which was partially harvested in 2021/22.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.7	15	6	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
SPL	<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"/>	This road will be closed with slash and debris in block TEL-922. ATV access is required for renewal and survey purposes.

**TEL-1L and 1M**

**Additional Road Development Comments**

These roads access blocks TEL-923, 929, 931 and 932 and are part of the access to blocks TEL-928 and 930.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
3.4	15	6	Frozen	5

**Road Deactivation:**

Road Closure Responsibility	Season of Use	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Riehl/SPL	Post-Harvest Post-Renewal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	These roads will be closed with slash and debris at selected locations in blocks TEL-922, 923 and 931. Selected locations include landings and other areas where debris accumulates. ATV access is required for renewal activities.

**TEL-1N**

**Additional Road Development Comments**

This road accesses block TEL-928 and is part of the access to block TEL-930.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.7	15	6	Frozen	1

**Road Deactivation:**

Road Closure Responsibility	Season of Use	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Riehl/SPL	Post-Harvest Post-Renewal	<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 be closed with slash and debris in block TEL-929. ATV access is required for renewal activities.

**TEL-1N-1A**

**Additional Road Development Comments**

This road accesses block TEL-930.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.7	15	6	Frozen	1

**Road Deactivation:**

Road Closure Responsibility	Season of Use	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL	Post-Harvest Post-Renewal	<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 be closed with slash and debris in block TEL-929. ATV access is required for renewal purposes.

**TEL-9A to 9F (existing)**

**Additional Road Development Comments**

These roads are part of the access to the TEL blocks in the northeast portion of the TEL operating area.

**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		Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL/Riehl	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 is a long term access road required for future harvest. A gate will be placed at the start of the road.

**TEL-9F-1A**

**Additional Road Development Comments**

This road accesses blocks TEL-822, 823 and 892.

**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	2

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Riehl/SPL	Post-Harvest Post-Renewal	<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"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris at selected locations in these blocks after TEL-892 is harvested. Selected locations include landings and other areas where debris accumulates. ATV access is required for renewal activities.

**TEL-9G (existing)**

**Additional Road Development Comments**

This is part of the new dry/frozen access into the northeast portion of the TEL operating area. This road is part of the access to blocks TEL-824, 825, 882, 883, 885 and future TEL blocks.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
3.7	20	8	Dry/Frozen	15

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Riehl/SPL	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 type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	This road is required for future harvest and will remain open. There is a gate just off the Sarah Lake road at the start of this access.

**TEL-9G-1A**

**Additional Road Development Comments**

This road accesses blocks TEL-882 and 883.

**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	Slash and Debris	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Riehl/SPL	<b>Post-Harvest</b> <b>Post-Renewal</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	These roads will be closed with slash and debris at selected locations in block TEL-883 and in the portion up to block TEL-883. Selected locations include landings and other areas where debris accumulates. ATV access is required for renewal activities.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Contingency**

<b>Cut Block Name:</b> TEL-811	<b>Twp &amp; Rge:</b> t32r27w	<b>Cut Block Size:</b> 8.1 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 340573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	42	18.0	30	44%	41	333
BA		19.0	42	17%	15	124
WB				0%	0	0
Total HW				61%	57	457
WS	97	21.5	31	39%	36	294
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				39%	36	294
<b>Block Total:</b>					<b>93</b>	<b>751</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
200	Uniform	50	Clumped		

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type			
Eco Site			

Soils Summary	
LFH(cm)	S-Type

Cover Type: N	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 435  
 SOFTWOOD VOLUME (m3): 279

### 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	Located on the N and NW sides. Variable MFZ to 15m buffer. Harvest as shown on map.
2	Roads	MFZ	Sarah Lake road located on the E side. Structure will be maintained. Harvest as shown on map.
3	Wetland	15-30	Located on the S side. Variable 15 to 30m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 64 to 97 trees.

**SEVERE EROSION RISK POTENTIAL:**

**HARVEST COMMENTS/ISSUES:**



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2023	Sp	WS	1600	5760

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on [9/24/21](#)
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Small block on main road. All in block roads to be closed post harvest. No planting access.</p>	<p>Agreed.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> TEL-822	<b>Twp &amp; Rge:</b> t32r26w	<b>Cut Block Size:</b> 85.7 ha
<b>OPERATING AREA:</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	93	26.2	38	65%	183	15,653
BA		22.2	37	3%	9	792
WB		16.3	24	8%	22	1,922
Total HW				77%	214	18,367
WS	103	19.9	33	20%	57	4,900
BS		18.3	32	3%	7	600
JP				0%	0	0
BF		19.0	30	0%	1	47
Total SW				23%	65	5,547
<b>Block Total:</b>					<b>279</b>	<b>23,914</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
162	Uniform	5	Clumped	43	Clumped

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	08	13	17	07	S6	2	Silty Clay Loam		
	33								

Cover Type: H	IBWC Cnt: 4
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 17,449  
 SOFTWOOD VOLUME (m3): 5,270

### 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-50	Stream/wetland complex located on the E side. Variable MFZ-50m buffer. Harvest as shown on map.
Flood	MFZ-15	Located on the S side. Variable MFZ to 15m buffer. Harvest as shown on map.
Lake	15-75	Lake/wetland complex located on the NW side. Variable 15 to 75m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 685 to 1,028 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Park boundary will be located with GPS to ensure no encroachment into Back Country zone. Block design follows natural boundaries where possible along park boundary.

To benefit the regeneration of both planted softwood seedlings and natural regeneration of hardwoods by suckering, it is recommended that all hardwood trees be harvested (except in wildlife tree patches). Selective harvesting of only the softwood trees would leave behind significant amounts of hardwood canopy. Selective harvesting of only the hardwood trees for logs would leave behind significant amounts of debris and hardwood canopy. In mixed wood and softwood blocks the number of acceptable planting microsites would be reduced, and the hardwood canopy could reduce softwood seedling growth and hardwood regeneration. In hardwood blocks the residual hardwood canopy and debris could reduce hardwood regeneration and reduce potential for softwood renewal.

Maintain a max of 18 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.

This block is planned for harvest after TEL-823 and 892. If not the harvest will be done on the east side of the road only until TEL-823 and 892 are harvested.

Ensure LOS maintained through the middle of the block. In particular along the section of road between plots 12 and 34.

Keep equipment and debris out of backcountry zone located along the W side.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Harvest

<b>Cut Block Name:</b> TEL-823	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 63.4 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		26.7	38	57%	151	9,546
BA	74	23.1	35	12%	32	2,018
WB		17.1	26	12%	31	1,969
Total HW				80%	213	13,533
WS	94	19.8	34	17%	46	2,937
BS	124	15.3	27	2%	4	257
JP		28.0	36	1%	1	85
BF				0%	0	0
Total SW				20%	52	3,279
<b>Block Total:</b>					<b>265</b>	<b>16,812</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
75	Clumped	100	Clumped	31	Clumped

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	08	05	01	07	S6	2	Silty Clay		
	33								

Cover Type: H	IBWC Cnt: 2
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 12,856  
 SOFTWOOD VOLUME (m3): 3,114

#### 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	Stream	MFZ-30	Located along the NE and E sides. Variable MFZ to 30m buffer. Harvest as shown on map.
2	Wetland	MFZ-30	Located on the S side. Variable MFZ to 30m buffer. Harvest as shown on map.
3	Flood	MFZ-15	Located on the SW side. Variable MFZ to 15m buffer. Harvest as shown on map.
4	Cabin	100	Trappers cabin located near plot 11. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 507 to 761 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Park boundary will be located with GPS to ensure no encroachment into Back Country zone. Block design follows natural boundaries where possible along park boundary.

To benefit the regeneration of both planted softwood seedlings and natural regeneration of hardwoods by suckering, it is recommended that all hardwood trees be harvested (except in wildlife tree patches). Selective harvesting of only the softwood trees would leave behind significant amounts of hardwood canopy. Selective harvesting of only the hardwood trees for logs would leave behind significant amounts of debris and hardwood canopy. In mixed wood and softwood blocks the number of acceptable planting microsites would be reduced, and the hardwood canopy could reduce softwood seedling growth and hardwood regeneration. In hardwood blocks the residual hardwood canopy and debris could reduce hardwood regeneration and reduce potential for softwood renewal.

Maintain a max of 12 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.

Maintain structure along IBWC's located near plots 18 and 30.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

## 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 WS understory >500 stems/ha and <6m in height is located in the NW portion of the block (plot 27). Clumps of understory will be protected in patches.

Area of BS understory >500 stems/ha is located in the NW portion of the block (plot 25). 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 25). 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 **9/24/21**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Can this block be harvested at the same time as TEL-892?</p> <p>No WLDP.</p>	<p>The plan is to harvest these two blocks first. Block TEL-892 needs to be surveyed this summer and will be permitted as soon as surveyed.</p> <p>Will add WLDP.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> TEL-824	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 36.4 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Riehl/SPL/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,334  
 SOFTWOOD VOLUME (m3): 3,278

### 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
Wetland	MFZ	Wetland/flood located on the SW side. Structure will be maintained. Harvest as shown on map.	
Lake	15-50	Located on the NE side. Variable 15 to 50m buffer. Harvest as shown on map.	
Wetland	15-50	Located on the SE side. Large riparian area. Variable 15 to 50m buffer. Harvest as shown on map.	
Stream	15	Located on the NW side. Harvest as shown on map.	

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 291 to 437 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

To benefit the regeneration of both planted softwood seedlings and natural regeneration of hardwoods by suckering, it is recommended that all hardwood trees be harvested (except in wildlife tree patches). Selective harvesting of only the softwood trees would leave behind significant amounts of hardwood canopy. Selective harvesting of only the hardwood trees for logs would leave behind significant amounts of debris and hardwood canopy. In mixed wood and softwood blocks the number of acceptable planting microsites would be reduced, and the hardwood canopy could reduce softwood seedling growth and hardwood regeneration. In hardwood blocks the residual hardwood canopy and debris could reduce hardwood regeneration and reduce potential for softwood renewal.

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> TEL-825	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 62.6 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: Riehl/SPL/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 7,445  
 SOFTWOOD VOLUME (m3): 5,630

### 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 NW corner. Structure will be maintained. Harvest as shown on map.
2	Lake	50-100	Located on the E side. Variable 50 to 100m buffer. Harvest as shown on map.
3	Lake	50	Located on the SW side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 500 to 751 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Park boundary will be located with GPS to ensure no encroachment into Back Country zone. Block design follows natural boundaries where possible along park boundary.

To benefit the regeneration of both planted softwood seedlings and natural regeneration of hardwoods by suckering, it is recommended that all hardwood trees be harvested (except in wildlife tree patches). Selective harvesting of only the softwood trees would leave behind significant amounts of hardwood canopy. Selective harvesting of only the hardwood trees for logs would leave behind significant amounts of debris and hardwood canopy. In mixed wood and softwood blocks the number of acceptable planting microsites would be reduced, and the hardwood canopy could reduce softwood seedling growth and hardwood regeneration. In hardwood blocks the residual hardwood canopy and debris could reduce hardwood regeneration and reduce potential for softwood renewal.

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Contingency**

<b>Cut Block Name:</b> TEL-878	<b>Twp &amp; Rge:</b> t32r26w	<b>Cut Block Size:</b> 76.5 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	84	24.8	33	34%	90	6,879
BA	87	20.0	38	4%	11	844
WB				0%	0	0
<b>Total HW</b>				38%	101	7,723
WS		15.0	24	5%	13	1,027
BS	93	19.0	21	46%	122	9,332
JP		22.0	33	10%	28	2,114
BF				0%	0	0
<b>Total SW</b>				62%	163	12,473
<b>Block Total:</b>					<b>264</b>	<b>20,196</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
311	Uniform	306	Clumped		

Eco Land Classification	1st			2nd			3rd		
	Soils Summary								
	LFH(cm)	S-Type	Moisture	Surface Texture					
V Type	08	13	17	08	S6	1	Silty Clay		
Eco Site	51								

Cover Type: M	IBWC Cnt: 1
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 7,337  
 SOFTWOOD VOLUME (m3): 11,850

### 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	15-100	Located on the W side. Variable 15 to 100m buffer. Large riparian area along creek. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 612 to 918 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is classed as an M stand (mixed wood) in the Duck Mountain Park therefore LP will declare any hardwood not declared by the quota holder.

To benefit the regeneration of both planted softwood seedlings and natural regeneration of hardwoods by suckering, it is recommended that all hardwood trees be harvested (except in wildlife tree patches). Selective harvesting of only the softwood trees would leave behind significant amounts of hardwood canopy. Selective harvesting of only the hardwood trees for logs would leave behind significant amounts of debris and hardwood canopy. In mixed wood and softwood blocks the number of acceptable planting microsites would be reduced, and the hardwood canopy could reduce softwood seedling growth and hardwood regeneration. In hardwood blocks the residual hardwood canopy and debris could reduce hardwood regeneration and reduce potential for softwood renewal.

Small patches of blow down throughout the block. Merchantable trees will be salvaged where feasible.

Maintain structure along IBWC located near plot 22.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 checked="" type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: M

### RENEWAL ACCESS

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2023	Sp	BS	1800	94680
2023	Sp	WS	1800	10800

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Entire block being planted, ensure ATV access for seedling delivery. Have a few helicopter landings on the road, no debris.

Areas of WS understory >500 stems/ha and <6m in height are located in the S and N portions of the block (plots 7, 9, 11, 13, 27 and 35). Clumps of understory will be protected in patches.

Areas of BS understory >500 stems/ha are located in the S portion of the block (plots 5, 15 and 21). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

## 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 9/24/21
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Confirm block will be hauled S through 876 or N. Prefer S on existing access.</p>	<p>Will be hauled from south on existing access. Road will not go to block edge, so no circle route.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> TEL-882	<b>Twp &amp; Rge:</b> t32r26w	<b>Cut Block Size:</b> 19.2 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	85	24.8	37	27%	60	1,142
BA		18.2	27	23%	50	968
WB				0%	0	0
Total HW				50%	110	2,110
WS	91	19.5	30	39%	87	1,670
BS				0%	0	0
JP		19.0	30	11%	25	471
BF				0%	0	0
Total SW				50%	112	2,141
<b>Block Total:</b>					<b>222</b>	<b>4,251</b>

Understory Stems/ha and Distribution								
WS		BS		BF				
1325	Uniform							
Eco Land Classification				Soils Summary				
V Type		1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
Eco Site		13	09		19	S6	1	Silt Loam
		52	23		12	S10	1	Silt
Cover Type: N		IBWC Cnt: 0						

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP  
 SOFTWOOD ALLOCATION: SPL/Riehl

HARDWOOD VOLUME (m3): 2,004  
 SOFTWOOD VOLUME (m3): 2,034

### 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	30	Located on the E side. Harvest as shown on map.
2	Wetland	15-100	Located on the W side. Variable 15 to 100+m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 153 to 230 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain a maximum of 3 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Areas of blowdown throughout the block. Merchantable trees will be salvaged if feasible.







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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> TEL-883	<b>Twp &amp; Rge:</b> t32r26w	<b>Cut Block Size:</b> 70.7 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	91	23.5	35	64%	103	7,290
BA		17.8	31	9%	15	1,060
WB		16.0	17	3%	4	316
<b>Total HW</b>				<b>76%</b>	<b>123</b>	<b>8,666</b>
WS	95	17.8	27	8%	13	919
BS	52	17.1	25	5%	8	575
JP	81	21.4	31	11%	18	1,291
BF				0%	0	0
<b>Total SW</b>				<b>24%</b>	<b>39</b>	<b>2,785</b>
<b>Block Total:</b>					<b>162</b>	<b>11,451</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
44	Clumped				

Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
		08	05	13	09	S5	2
Eco Site	32						

Cover Type: H	IBWC Cnt: 1
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP  
 SOFTWOOD ALLOCATION: SPL/Riehl

HARDWOOD VOLUME (m3): 8,233  
 SOFTWOOD VOLUME (m3): 2,646

### 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	30-100	Located on the W side. Variable 30 to 100m buffer. Harvest as shown on map.
2	Wetland	15-100	Located on the SE side. Variable 15 to 100m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 566 to 848 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Areas of blowdown and/or dead trees located in the S, NE and N portions on the block. Merchantable trees will be salvaged if feasible.  
 Maintain a maximum of 14 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Maintain structure along IBWC located near plot 27.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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	2028

### RENEWAL COMMENTS/ISSUES:

Will determine at time of harvest, if block will be planted. Ensure ATV access and Helicopter access if the block is determined to be planted.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/18/19
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Suggest planting NE part of block to maintain softwood. Leave some WS seed trees.</p> <p>Previoulsy mitigated due to change in access.</p>	<p>Agreed. Planting timing will depend on surrounding harvest blocks, this area may be overflow plant area. May be enough stocking from USP efforts to negate need for planting.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> TEL-885	<b>Twp &amp; Rge:</b> t32r26w	<b>Cut Block Size:</b> 30.2 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: Riehl/SPL/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,589  
 SOFTWOOD VOLUME (m3): 2,714

### 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	30-50	Located on the E side. Variable 30 to 50m buffer. Harvest as shown on map.
2	Wetland	30	Located on the W side. Harvest as shown on map.
3	Lake	15-50	Located on the S side. Variable 15 to 50m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 241 to 362 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

To benefit the regeneration of both planted softwood seedlings and natural regeneration of hardwoods by suckering, it is recommended that all hardwood trees be harvested (except in wildlife tree patches). Selective harvesting of only the softwood trees would leave behind significant amounts of hardwood canopy. Selective harvesting of only the hardwood trees for logs would leave behind significant amounts of debris and hardwood canopy. In mixed wood and softwood blocks the number of acceptable planting microsites would be reduced, and the hardwood canopy could reduce softwood seedling growth and hardwood regeneration. In hardwood blocks the residual hardwood canopy and debris could reduce hardwood regeneration and reduce potential for softwood renewal.

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> TEL-890	<b>Twp &amp; Rge:</b> t32r26w	<b>Cut Block Size:</b> 19.7 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	97	26.2	42	70%	189	3,717
BA		22.5	36	19%	51	1,007
WB		16.8	19	2%	4	80
<b>Total HW</b>				90%	244	4,804
WS	87	19.4	40	9%	23	453
BS		18.5	26	1%	3	63
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				10%	26	516
<b>Block Total:</b>					<b>270</b>	<b>5,320</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
80	Clumped	220	Clumped		

Eco Land Classification	1st			2nd			3rd		
	V Type	08	05						
	Eco Site	31							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
07	S6	2	Silty Clay Loam

Cover Type: H	IBWC Cnt: 2
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,307  
 SOFTWOOD VOLUME (m3): 435

### 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 W side. Variable MFZ to 30m buffer. Harvest as shown on map.
2	Wetland	MFZ-100	Stream/wetland complex located on S side. Variable MFZ to 100 m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 158 to 236 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

To benefit the regeneration of both planted softwood seedlings and natural regeneration of hardwoods by suckering, it is recommended that all hardwood trees be harvested (except in wildlife tree patches). Selective harvesting of only the softwood trees would leave behind significant amounts of hardwood canopy. Selective harvesting of only the hardwood trees for logs would leave behind significant amounts of debris and hardwood canopy. In mixed wood and softwood blocks the number of acceptable planting microsites would be reduced, and the hardwood canopy could reduce softwood seedling growth and hardwood regeneration. In hardwood blocks the residual hardwood canopy and debris could reduce hardwood regeneration and reduce potential for softwood renewal.

Maintain structure along IBWC located between plots 8 & 9.

Wherever possible, leave WS seed trees in wind firm patches.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 BS understory >500 stems/ha is located in the middle portion of the block (plot 4). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 9/24/21
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>No mention of BS understory protection in renewal comments. Should be added.</p> <p>Comment about bordering back country. Block does not border back country.</p> <p>Whenever possible leave WS seed trees in wind firm patches.</p>	<p>Will add comment about BS understory protection.</p> <p>Will remove comment.</p> <p>Agreed. Will add comment.</p>	<input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> TEL-892	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 29.6 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Riehl/SPL/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,527  
 SOFTWOOD VOLUME (m3): 2,668

### 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	Located on the N side. Variable MFZ to 15m buffer. Harvest as shown on map.
2	Wetland	MFZ	Located on the SW tip. Structure will be maintained. Harvest as shown on map.
3	Wetland	15-30	Located on the E side. Variable 15 to 30m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 237 to 356 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block borders the backcountry zone. The east and south boundary will be flagged using GPS to ensure no encroachment into the park. Boundary has been designed to follow natural features where possible.

To benefit the regeneration of both planted softwood seedlings and natural regeneration of hardwoods by suckering, it is recommended that all hardwood trees be harvested (except in wildlife tree patches). Selective harvesting of only the softwood trees would leave behind significant amounts of hardwood canopy. Selective harvesting of only the hardwood trees for logs would leave behind significant amounts of debris and hardwood canopy. In mixed wood and softwood blocks the number of acceptable planting microsites would be reduced, and the hardwood canopy could reduce softwood seedling growth and hardwood regeneration. In hardwood blocks the residual hardwood canopy and debris could reduce hardwood regeneration and reduce potential for softwood renewal.

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> TEL-919	<b>Twp &amp; Rge:</b> t32r26w	<b>Cut Block Size:</b> 106.2 ha
<b>OPERATING AREA:</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	100	22.3	36	30%	74	7,892
BA				0%	0	0
WB				0%	0	0
Total HW				30%	74	7,892
WS		18.5	27	6%	14	1,475
BS	110	16.2	20	64%	159	16,905
JP		18.8	34	0%	1	105
BF				0%	0	0
Total SW				70%	174	18,485
<b>Block Total:</b>					<b>248</b>	<b>26,377</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
42	Clumped	604	Uniform		
Eco Land Classification			Soils Summary		
V Type			LFH(cm)	S-Type	Moisture
1st	2nd	3rd	06	S5	2
30	09	08	Surface Texture		
Eco Site			Loam		
33					
Cover Type: M		IBWC Cnt: 0			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Riehl/SPL/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,694  
 SOFTWOOD VOLUME (m3): 13,389

### 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	30-75	Wetland/stream complex located on the S and SW sides. Variable 30 to 75m buffer. Harvest as shown on map.
2	Stream	30-100	Located on the E, N and NE sides. Variable 30 to 100+m buffer. Harvest as shown on map.

NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 850 to 1,275 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

To benefit the regeneration of both planted softwood seedlings and natural regeneration of hardwoods by suckering, it is recommended that all hardwood trees (except wildlife tree patches of course) be harvested. Selective harvesting of only the softwood trees would leave behind significant amounts of hardwood canopy. The number of acceptable planting microsites would be very low, and the hardwood canopy could reduce the softwood seedlings growth. Therefore, harvesting of both the softwood and hardwood trees will assist in maintaining the softwood portion of hardwood-spruce mixedwoods.

Approximately 25 ha's this block was harvested in 2021/22. The volumes shown indicate this.

Areas of blow down in the block. Merchantable trees will be salvaged if possible.

Maintain a max of 20 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: M

### RENEWAL ACCESS

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2022	Sp	BS	1800	109800
2022	Sp	WS	1800	10080

Survey Summary		
Type	Series	Year
Plantation Survival	First	2023
Regeneration	First	2032

### RENEWAL COMMENTS/ISSUES:

Areas of BS understory >500 stems/ha are located throughout the block (plots 5, 15, 17, 21, 29, 33, 39, 41, 45, 49 and 51). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.  
 Ensure ATV access and leave landings free of debris for the helicopter.

## 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 10/30/20
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Shouldn't Advanced BS Renewal be checked?</p>	<p>This is a computer generated response that cannot be edited.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> TEL-923	<b>Twp &amp; Rge:</b> t32r25w	<b>Cut Block Size:</b> 83.1 ha
<b>OPERATING AREA:</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 360573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		24.2	37	14%	35	2,902
BA		19.1	31	2%	5	435
WB		14.8	19	1%	2	168
Total HW				17%	42	3,505
WS	109	20.4	34	7%	17	1,420
BS	107	16.3	19	43%	109	9,089
JP	104	21.9	31	33%	83	6,917
BF				0%	0	0
Total SW				83%	210	17,426
<b>Block Total:</b>					<b>252</b>	<b>20,931</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
20	Clumped	1180	Uniform		

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	28	16	15
Eco Site	35		

LFH(cm)	S-Type	Moisture	Surface Texture
04	S10	2	Loam

Cover Type: S	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,330  
 SOFTWOOD VOLUME (m3): 16,555

### 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

FEATURE	WIDTH (m)	DETAILS
1 Lake	30	Located on the E side. Harvest as shown on map.
2 Stream	15-30	Line Creek located on the S side. Variable 15 to 30m buffer. Harvest as shown on map.
3 Stream	15-100	Doe Lake Creek located on the N side. Variable 15 to 100m buffer. Harvest as shown on map.

NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 664 to 997 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain a max of 16 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: S

### RENEWAL ACCESS

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2023	Sp	BS	2000	117000

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Areas of BS understory >500 stems/ha are located throughout the block (plots 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 31, 33 and 37). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.  
 Leave ATV access and ensure little to no debris on landings for the helicopter.

## 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 10/30/20
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

Mitigated

<p>IRMT version of op areas shows this block in LNK. Please send current op area shapefile.          Shouldn't Advanced BS Renewal be checked?</p>	<p>This block has always been in the TEL operating area. Will send a new operating area shapefile.          This is a computer generated response that cannot be edited.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> TEL-928	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 19.7 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 360574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: SPL/Rieh/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,970  
 SOFTWOOD VOLUME (m3): 1,512

### 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 on the E and W sides. Structure will be maintained. Harvest as shown on map.
Lake	15	Located on the NE side. Large riparian area around lake. Harvest as shown on map.
Stream	15	Located on the S side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 157 to 236 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.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2023
Regeneration	First	2032

### 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> TEL-929	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 47.7 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 360574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: SPL/Rieh/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,770  
 SOFTWOOD VOLUME (m3): 2,709

### 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 on the E and W sides. Structure will be maintained. Harvest as shown on map.
Lake	15	Located on the NW side. Harvest as shown on map.
Stream	15	Located on the S side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 381 to 572 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.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2023
Regeneration	First	2032

### 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> TEL-930	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 29.5 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 360574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: SPL/Rieh/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,950  
 SOFTWOOD VOLUME (m3): 2,367

### 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 the NE side. Harvest as shown on map.
2	Lake	50	Located on the W side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 236 to 354 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Park boundary will be located with GPS to ensure no encroachment into Back Country zone.  
 This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2023
Regeneration	First	2032

### 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> TEL-931	<b>Twp &amp; Rge:</b> t32r26w	<b>Cut Block Size:</b> 69.0 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 360573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		21.9	37	18%	41	2,850
BA		16.8	26	3%	6	415
WB				0%	0	0
<b>Total HW</b>				21%	47	3,265
WS		19.0	24	1%	2	111
BS	115	17.5	20	52%	117	8,071
JP	112	21.1	29	27%	60	4,139
BF				0%	0	0
<b>Total SW</b>				79%	178	12,321
<b>Block Total:</b>					<b>226</b>	<b>15,586</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
		838	Uniform	38	Clumped

Eco Land Classification				Soils Summary			
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	17	30	18	13	S5	2	Silty Sand
	Eco Site: 53						

Cover Type: S	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,102  
 SOFTWOOD VOLUME (m3): 11,704

### 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
Lake	15-50	Located on the S side. Variable 15 to 50m buffer. Large riparian area. Harvest as shown on map.
Wetland	15-30	Located on the NE corner. Variable 15 to 30m buffer. Harvest as shown on map.
Stream	15-30	Located on the SW side. Variable 15 to 30m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 552 to 828 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

To benefit the regeneration of both planted softwood seedlings and natural regeneration of hardwoods by suckering, it is recommended that all hardwood trees be harvested (except in wildlife tree patches). Selective harvesting of only the softwood trees would leave behind significant amounts of hardwood canopy. Selective harvesting of only the hardwood trees for logs would leave behind significant amounts of debris and hardwood canopy. In mixed wood and softwood blocks the number of acceptable planting microsites would be reduced, and the hardwood canopy could reduce softwood seedling growth and hardwood regeneration. In hardwood blocks the residual hardwood canopy and debris could reduce hardwood regeneration and reduce potential for softwood renewal.

Maintain a max of 13 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

## 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **S**

### RENEWAL ACCESS

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2023	Sp	BS	1800	108000

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

Ensure ATV access for seedling delivery. Have about 3 helicopter landings on the road, areas with no debris.

Areas of BS understory >500 stems/ha are located in the N portion of the block (plots 13, 17, 25, 27 and 31). 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 S central portion of the block (Plot 21). This area will be harvested with concentrated clumps of BF being maintained.

## 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 <b>9/24/21</b>
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Limit access to 2 heli pads and one central ATV access. See general op area comments. No WLDP.</p>	<p>Agreed. Will add WLDP.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> TEL-932	<b>Twp &amp; Rge:</b> t33r25w	<b>Cut Block Size:</b> 127.4 ha
<b>OPERATING AREA :</b> Tee Lakes	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 360574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: SPL/Rieh/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 12,740  
 SOFTWOOD VOLUME (m3): 10,908

### 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
Lake	75	Located on the SE corner. Harvest as shown on map.
Lake	50	Located on the SE tip. Harvest as shown on map.
Wetland	30-100	Located along the NE side. Variable 30 to 100m+ buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 1,019 to 1,529 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

To benefit the regeneration of both planted softwood seedlings and natural regeneration of hardwoods by suckering, it is recommended that all hardwood trees be harvested (except in wildlife tree patches). Selective harvesting of only the softwood trees would leave behind significant amounts of hardwood canopy. Selective harvesting of only the hardwood trees for logs would leave behind significant amounts of debris and hardwood canopy. In mixed wood and softwood blocks the number of acceptable planting microsites would be reduced, and the hardwood canopy could reduce softwood seedling growth and hardwood regeneration. In hardwood blocks the residual hardwood canopy and debris could reduce hardwood regeneration and reduce potential for softwood renewal.

This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### Valley River

<b>VLR-022</b>	46.18 Hectares		2022 Contingency
HW Allocation	4,669 m3	LP	
SW Allocation	3,036 m3	SPL	
<b>VLR-023</b>	54.76 Hectares		2022 Contingency
HW Allocation	6,247 m3	LP	
SW Allocation	2,069 m3	SPL	
<b>VLR-024</b>	32.09 Hectares		2022 Contingency
HW Allocation	5,325 m3	LP	
SW Allocation	1,726 m3	SPL	
<b>VLR-026</b>	55.29 Hectares		2022 Contingency
HW Allocation	5,846 m3	LP	
SW Allocation	3,445 m3	SPL	
<b>VLR-030</b>	32.09 Hectares		2022 Contingency
HW Allocation	6,919 m3	LP	
SW Allocation	297 m3	SPL	
<b>VLR-035</b>	29.52 Hectares		2023 Contingency
HW Allocation	3,477 m3	LP	
SW Allocation	2,916 m3	SPL	
<b>VLR-037</b>	23.33 Hectares		2022 Harvest
HW Allocation	2,482 m3	LP	
SW Allocation	1,391 m3	SPL	
<b>VLR-038</b>	74.13 Hectares		2022 Harvest
HW Allocation	9,475 m3	LP	
SW Allocation	4,367 m3	SPL	
<b>VLR-213</b>	6.84 Hectares		2022 Harvest
HW Allocation	564 m3	LP	
SW Allocation	2,207 m3	SPL	
<b>VLR-229</b>	36.68 Hectares		2023 Contingency
HW Allocation	3,938 m3	LP	
SW Allocation	2,520 m3	SPL	
<b>VLR-235</b>	41.28 Hectares		2023 Harvest
HW Allocation	8,192 m3	LP	
SW Allocation	488 m3	SPL	
<b>VLR-804</b>	34.98 Hectares		2022 Harvest
HW Allocation	4,837 m3	LP	
SW Allocation	2,820 m3	SPL	







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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

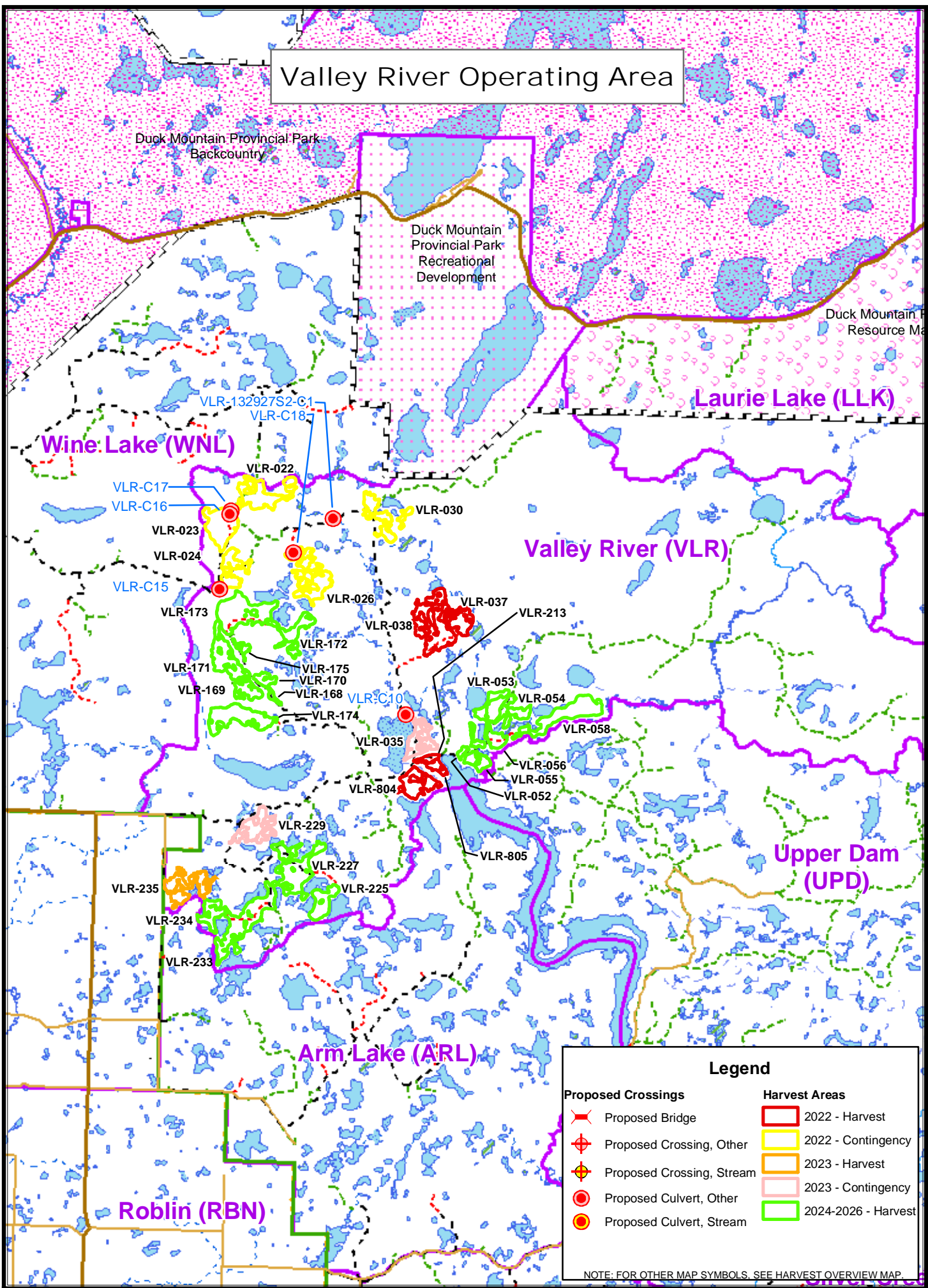
### FMU 13

### Valley River

VLR-805	9.16 Hectares	2022 Harvest
HW Allocation	904 m3	LP
SW Allocation	271 m3	SPL



# Valley River Operating Area



Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.



## Internal Mitigation Comments

### General

Operating Area	Concern	Manitoba	Action/Response
Valley River	Forest Health	BF understory should not be protected in this operating area until the SBW outbreak is over. Mature BF should also be harvested.	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. Will determine on a site by site basis.
		Due to time limitations, this will have to be discussed on a case by case basis, at the time of harvest.	Can operators reach into the buffers to harvest diseased softwood?

### Site Specific

Block	Concern	Manitoba	Action/Response
VLR-213	Wildlife Ungulate	Would prefer this block be dropped, and add the southern 5 ha or so to VLR-805, with a 30m LOS buffer on the road. Area near plot 2 and 3 should be removed to remove silviculture responsibility from MFSRC.  If the block is not dropped, what can be left for a visual buffer?	Need to discuss further. Spruce along road is infected with budworm. Perhaps a visual screen could be maintained. Area around plots 2 and 3 has been removed. LP did not get the cut over photos until after we submitted the packages.  There are shrubs present, but not in sufficient quantities to maintain an effective visual buffer. Especially if the WS die. Would prefer to harvest and renew this area but a LOS break of some sort could be left. To be discussed at time of harvest.
	Forest Renewal	Missing information.	Renewal information shows on LP copy of the prescription.
	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed.
VLR-804	Recreation	Make the buffer on South Angling Lake a 50 m buffer.	Agreed.
	Forest Renewal	Missing information.	Renewal information shows on LP copy of the prescription.
	Access Control	Increase the distance between ARL-041 and this block to a 100m separation. It appears to be around 80m.	Agreed.

Minimal access to be left for planting. See Operating Area General Comment about planting access. Agreed.

VLR-805	Recreation	Increase the buffer on South Angling Lake to 50m.	Should be East Angling Lake. Agreed.
	Access Control	<p>If VLR-213 is removed, and area from that block is added to this one, it may change the silviculture prescription. If it becomes necessary to plant, concentrate planting at the front of the block so the roads at the south end can be closed post-harvest.</p> <p>Same scenario, if planting becomes necessary, minimal access to be left for planting. See Operating Area General Comment about planting access.</p>	<p>See comment for VLR-213. Would prefer to leave block VLR-213 as is. Spruce is infected with budworm. Will leave blocks as shown.</p> <p>Will not be planting this block. VLR-212 will not be added to block.</p>
VLR-229	Not Surveyed	Will mitigate after survey.	
VLR-022, ,023, 024, 026, 030, 037, 038, 235	No concerns	Blocks were mitigated less than five years ago.	

# Roads

# Valley River

## VLR-1A to 1D (existing)

### Additional Road Development Comments

#### Road Development:

This road is part of the access to the Valley River operating area blocks. This portion of the main road goes up to the intersection of the road to the north towards Laurie Lake. This access is proposed for upgrading to allow dry/frozen access into the Valley River operating area. The road is on designated route L.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
6.9	20	8	Dry/Frozen	50

#### 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This road is being upgraded to allow dry/frozen access. The road is existing and will remain open.

## VLR-1D-1A to 1D-1C (existing)

### Additional Road Development Comments

#### Road Development:

These roads are part of the access to blocks VLR-026, 030, 037 and 038. These roads are part of the Snowman trail system.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
8.7	20	8	Dry/Frozen	50

#### 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 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.

## VLR-1D-1A-1A and 1B

### Additional Road Development Comments

#### Road Development:

These roads access blocks VLR-037 and 038.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.8	20	8	Dry/Frozen	15

#### 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	These roads will be closed with debris at selected locations in block VLR-038 after harvest. Selected locations include landings and other areas where debris accumulates. Debris will also be spread at the start of the road. ATV access will be maintained for renewal and surveys.

**VLR-1D-1C-1A**

**Additional Road Development Comments**

This road accesses block VLR-026.

**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	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The first 100m of this road will be closed with debris. ATV access will be maintained for renewal and surveys.

**VLR-1E (existing)**

**Additional Road Development Comments**

This road is part of the access to the Valley River operating area blocks. This portion of the main road goes to blocks VLR-053 and 054 and accesses block VLR-213 and 805. The road is on designated route L.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
3.3	20	0	Dry/Frozen	50

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP/SPL			<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.

**VLR-4A (existing)**

**Additional Road Development Comments**

This road accesses block VLR-235.

**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	50

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP			<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This is an existing RM road and will remain open.



# Roads

# Valley River/WNL

WNL-1B and 1C (existing)					Additional Road Development Comments							
<b>Road Development:</b>					These roads are in the WNL operating area but are part of the access to blocks VLR-022, 023, 024 and possibly 026.							
Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)								
3.2	20	8	Dry/Frozen	50								
<b>Road Deactivation:</b>					Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Road Closure Responsibility			Post-Harvest	<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"/>	These are existing roads and will remain open. They are also part of the Snowman trail system.
			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"/>	

WNL-1D (existing)					Additional Road Development Comments							
<b>Road Development:</b>					This road is in the Valley River operating area but originate from the WNL operating area. This road accesses block VLR-023 and is part of the access to block VLR-022.							
Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)								
1.7	20	8	Dry/Frozen	50								
<b>Road Deactivation:</b>					Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Road Closure Responsibility			Post-Harvest	<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"/>	These are existing roads and will remain open. They are also part of the Snoman Trail system.
			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"/>	

WNL-1D-1A (existing)					Additional Road Development Comments							
<b>Road Development:</b>					This road accesses block VLR-024 and is possibly part of the access to block VLR-026.							
Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)								
0.8	20	8	Dry/Frozen	50								
<b>Road Deactivation:</b>					Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Road Closure Responsibility			Post-Harvest	<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"/>	These are existing roads and will remain open. They are also part of the Snoman Trail system.
			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"/>	

**WNL-1E**

**Additional Road Development Comments**

This road accesses block VLR-022. Most of it goes through block VLR-023.

**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	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<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"/>	This road will be closed with debris at selected locations in block VLR-023.



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

<b>Crossing Name:</b> VLR-132927S2-C1		<b>Ownership:</b> SPL/LP	
<b>Operating Area:</b>	Valley River	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5708963	<b>UTM Easting:</b>	351780
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	SW-25-29-27-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	10-July-2015
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	VLR-1D-1C		

**Site Description:**

This is an existing snow and ice crossing location. The crossing is located on a flooded creek. There is a creek upstream and wetland/flood downstream. The substrate is organic. The beaver dam at the crossing location will be removed to lower water levels.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 September,2022"/>	to <input type="text" value="01 July,2023"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<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 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 VLR-132927S2-C1

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

<b>Crossing Name:</b> VLR-C10		<b>Ownership:</b> SPL/LP	
<b>Operating Area:</b>	Valley River	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5704377	<b>UTM Easting:</b>	353479
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW-7-29-26-W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	10-July-2015
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	VLR-1D-1A		

**Site Description:**

This is an existing crossing on a small watercourse which drains a small wetland. The wetland and watercourse were dry when inspected. There is currently a log crossing at this location. Water would be present only during high water levels.

**General Considerations:**

LP will follow DFO Operational Statement for 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"/>

<b>Temporary Crossing:</b>	<input type="checkbox"/>
<input type="text"/>	to <input type="text"/>
<b>Permanent Crossing:</b>	<input checked="" type="checkbox"/>
<b>Proposed Install Date:</b>	01 September, 2022
<b>Crossing Duration:</b>	10 Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>




**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 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 VLR-C10

 A photograph showing a small utility vehicle (ATV) parked on a narrow dirt path that cuts through a field of tall, green grass. In the background, there is a dense forest of evergreen trees under a clear blue sky.	<p>Across</p>
 A wide-angle photograph of a lush green field of tall grasses. A dense line of evergreen trees forms a forest in the background under a bright sky.	<p>Upstream</p>
 A photograph of a grassy area with some shrubs in the foreground. In the middle ground, a body of water (a lake or river) is visible, with a forested shoreline in the distance under a clear blue sky.	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

### Crossing Name: **VLR-C15**

**Operating Area:** Valley River  
**UTM Northing:** 5707312  
**Stream Type:** Other Watercourse  
**Watercourse Name:** N/A  
**Channel Width (m):** 0.4  
**Water Depth (m):** 0.1  
**Road Name:** WNL-1D

**Ownership:** LP  
**Contingency Crossing:**   
**UTM Easting:** 349110  
**Land Description:** SE22-29-27W  
**Crossing Inspection Date:** 13-May-2016  
**Stream Assessment Required:**  
**Stream Assessment Complete:**

### Site Description:

This is a small drain on an existing trail. Substrate is clay and some gravel.

### 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:**

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.

A 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 VLR-C15

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>





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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

### Crossing Name: **VLR-C16**

Ownership: **LP**

**Operating Area:** Valley River  
**UTM Northing:** 5709069  
**Stream Type:** Other Watercourse  
**Watercourse Name:** N/A  
**Channel Width (m):** 0.5  
**Water Depth (m):** 0.05  
**Road Name:** WNL-1E

**Contingency Crossing:**   
**UTM Easting:** 349359  
**Land Description:** SE27-29-27W  
**Crossing Inspection Date:** 13-May-2016  
**Stream Assessment Required:**  
**Stream Assessment Complete:**

### Site Description:

This is a small drain in a mixed wood stand. Substrate is organic/clay. There are no banks or defined 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 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:**

to

**Permanent Crossing:**

**Proposed Install Date:**

**Crossing Duration:**  Years

**Remove after Renewal Activities:**




### 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 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 VLR-C16

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

### Crossing Name: **VLR-C17**

**Operating Area:** Valley River  
**UTM Northing:** 5709144  
**Stream Type:** Other Watercourse  
**Watercourse Name:** N/A  
**Channel Width (m):** 1.0  
**Water Depth (m):** 0.1  
**Road Name:** WNL-1E

**Ownership:** LP  
**Contingency Crossing:**   
**UTM Easting:** 349381  
**Land Description:** SE27-29-27W  
**Crossing Inspection Date:** 13-May-2016  
**Stream Assessment Required:**  
**Stream Assessment Complete:**

### Site Description:

This is a small drain in a mixed wood stand. The substrate is organic. There are no banks and often no defined 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 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:**

to

**Permanent Crossing:**

**Proposed Install Date:**

**Crossing Duration:**  Years

**Remove after Renewal Activities:**

### 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 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 VLR-C17

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

<b>Crossing Name:</b> VLR-C18		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Valley River	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5708177	<b>UTM Easting:</b>	350848
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE23-29-27W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	13-May-2016
<b>Channel Width (m):</b>	1.0	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.1	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	VLR-1D-1C-1A		

**Site Description:**

Crossing is an alder/willow swale in a mixed wood stand. Substrate is organic with no banks. Photos did not work out for this location but the photos shown are from the same feature a couple hundred meters north.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 September,2022"/>	to <input type="text" value="01 July,2023"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<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 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 VLR-C18

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> VLR-022	<b>Twp &amp; Rge:</b> t29r27w	<b>Cut Block Size:</b> 46.2 ha
<b>OPERATING AREA:</b> Valley River	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350570
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		22.8	38	54%	95	4,365
BA		19.6	34	4%	6	290
WB		15.5	19	3%	6	259
Total HW				61%	106	4,914
WS		20.0	33	37%	65	2,987
BS		16.8	20	1%	3	117
JP				0%	0	0
BF		24.5	20	1%	2	92
Total SW				39%	69	3,196
<b>Block Total:</b>					<b>176</b>	<b>8,110</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
275	Uniform	17	Clumped	8	Clumped

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	08	18	13
Eco Site			

Soils Summary	
LFH(cm)	S-Type
06	S5

Cover Type: N	IBWC Cnt: 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,669  
 SOFTWOOD VOLUME (m3): 3,036

#### 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	Wetland	MFZ-75	Located on the N and NW sides. Variable MFZ to 75m buffer. Harvest as shown on map.
2	Wetland	MFZ-75	Located on the E side. Variable MFZ to 75m buffer. Harvest as shown on map.
3	Wetland	MFZ	Located on S side. Structure will be maintained. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 369 to 554 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Maintain a maximum of 9 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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	14040

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are located in the E and W portions of the block (plots 5, 7 and 15). Clumps of understory will be protected in patches.  
 Planting far E part of the block, Ensure ATV access to this area.

## 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 11/11/16
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Identify the access and crossings to island stands.</p>	<p>To determine at the time of harvest.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> VLR-023	<b>Twp &amp; Rge:</b> t29r27w	<b>Cut Block Size:</b> 54.8 ha
<b>OPERATING AREA:</b> Valley River	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 340570
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	98	19.5	29	60%	96	5,262
BA		20.9	37	15%	23	1,279
WB		18.5	20	0%	1	34
Total HW				75%	120	6,575
WS	63	17.2	32	25%	40	2,178
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				25%	40	2,178
<b>Block Total:</b>					<b>160</b>	<b>8,753</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
167	Uniform				

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	08			11	S1	1	Clay Loam
Eco Site	12						

Cover Type: H	IBWC Cnt: 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 6,247  
 SOFTWOOD VOLUME (m3): 2,069

#### 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
Located on E side. Structure will be maintained. Harvest as shown on map.	
Meadow	30
Dry prairies located on the NW and SW sides. Harvest as shown on map.	

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 438 to 657 trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Maintain a maximum of 10 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Maintain structure along IBWC located near plot 20 in the NE side of block. This feature is shown by crossing picture VLR-C16.  
 Keep existing trail located on S side free of debris.  
 Keep equipment and debris out of harvested areas located on the SE and N sides of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 is located in the SW portion of the block (plot 5). Clumps of understory will be protected in patches.  
 Site will be monitored at harvest to determine if any assisted regeneration is required. If the site is deemed to be planted, ATV access if required.

## 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>No concerns.</p>	<div style="text-align: right;"><input checked="" type="checkbox"/></div>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Contingency**

<b>Cut Block Name:</b> <b>VLR-024</b>	<b>Twp &amp; Rge:</b> <b>t29r27w</b>	<b>Cut Block Size:</b> <b>32.1 ha</b>
<b>OPERATING AREA:</b> <b>Valley River</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>340570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		21.8	30	61%	141	4,538
BA		20.3	24	6%	14	449
WB		20.8	26	8%	19	618
<b>Total HW</b>				76%	175	5,605
WS	105	20.9	35	24%	57	1,817
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				24%	57	1,817
<b>Block Total:</b>					<b>231</b>	<b>7,422</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
33	Clumped	50	Clumped		

Eco Land Classification	1st			2nd			3rd		
	V Type	08	13						
	Eco Site	23							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
08	S12S	5	Silt Loam
07	S1	2	Loamy Sand

Cover Type: H	IBWC Cnt: 1
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,325  
 SOFTWOOD VOLUME (m3): 1,726

### 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
Located in the NE side of block. Structure will be maintained. Harvest as shown on map.	Dry prairies located along W side. Variable 15 to 50m buffers. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **257** to **385** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain a maximum of 6 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Maintain structure along small IBWC located near plot 4 in the central portion of the block.  
 Keep existing trails located on the N and central portions of the block free of debris. The trail on the N side is part of the Snowman system. Contact the local snowmobile club prior to harvest.  
 Keep equipment and debris out of harvested area located on the E/central side of the block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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:

Site will be field visited at harvest to determine if any planting is required. If site is deemed to be planted, NE corner of block, ATV access will be required in the block.

## 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>No concerns.</p>	<div style="text-align: right;"><input checked="" type="checkbox"/></div>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> <b>VLR-026</b>	<b>Twp &amp; Rge:</b> <b>t29r27w</b>	<b>Cut Block Size:</b> <b>55.3 ha</b>
<b>OPERATING AREA:</b> <b>Valley River</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>350570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	66	22.4	33	49%	86	4,782
BA		17.4	28	8%	14	790
WB		17.3	26	6%	11	584
<b>Total HW</b>				<b>63%</b>	<b>111</b>	<b>6,156</b>
WS	72	17.0	27	37%	65	3,581
BS		12.0	14	0%	0	25
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>37%</b>	<b>65</b>	<b>3,606</b>
<b>Block Total:</b>					<b>177</b>	<b>9,762</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
100	Uniform				

Eco Land Classification	1st			2nd			3rd		
	V Type	08	13	05					
	Eco Site	04	33						

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
09	S5	2	Loam

Cover Type: N	IBWC Cnt: 0
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 5,846  
 SOFTWOOD VOLUME (m3): 3,445

#### 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 E side. Variable MFZ to 30m buffer. Harvest as shown on map.
2	Wetland	MFZ-30	Located on S side. Variable MFZ to 30m buffer. Harvest as shown on map.
3	Wetland	MFZ-15	Located on N side. Variable MFZ to 15m buffer. Harvest as shown on map.
4	Wetland	MFZ-100	Small lakes/wetlands on W side. Variable MFZ to 100+m buffers. Harvest as shown on map.
5	Wetland	MFZ	Located in the central portion of the block. Structure will be maintained. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **442** to **663** trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Maintain a maximum of 11 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 The E side of this block may have had portions planted (see map for SD). When harvesting this area check for possible plantation areas.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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	14040

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

Planting back of block (S), ensure ATV access through the complete block.

## 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 11/11/16
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Identify the access and crossings to island stands.</p>	<p>To determine at the time of harvest.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> <b>VLR-030</b>	<b>Twp &amp; Rge:</b> <b>t29r26w</b>	<b>Cut Block Size:</b> <b>32.1 ha</b>
<b>OPERATING AREA:</b> <b>Valley River</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>350570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		22.3	30	91%	215	6,892
BA		21.0	20	5%	12	391
WB				0%	0	0
Total HW				96%	227	7,283
WS	57	14.2	29	4%	10	312
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				4%	10	312
<b>Block Total:</b>					<b>237</b>	<b>7,595</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
236	Uniform	9	Clumped		

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	05	08		05	S5	2	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): 6,919  
 SOFTWOOD VOLUME (m3): 297

#### 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 E side. Variable MFZ to 30m buffer. Harvest as shown on map.
2	Wetland	MFZ-15	Located on S side. Variable MFZ to 15m buffer. Harvest as shown on map.
3	Lake	15-30	Located on the NE side. Variable 15 to 30m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **257** to **385** trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Keep existing trail located on the W side of the block free of debris. This trail is part of the Snowman system. Contact the local snowmobile club prior to harvest.  
 The W side of this block may have had portions planted (see map for SD). When harvesting this area check for possible plantation areas.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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:

### 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 W side of the block (plots 5, 17 and 21). Clumps of understory will be protected in patches.

## 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>Identify the access and crossings to island stands.</p>	<p>To determine at the time of harvest.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>VLR-035</b>	<b>Twp &amp; Rge:</b> <b>t29r26w</b>	<b>Cut Block Size:</b> <b>29.5 ha</b>
<b>OPERATING AREA:</b> <b>Valley River</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>350570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## 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
<b>Total HW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): **3,477**  
 SOFTWOOD VOLUME (m3): **2,916**

### 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-30	Located on the N end. Variable MFZ to 30m buffer. Harvest as shown on map.
Wetland	MFZ	Located on the E side. Structure will be maintained. Harvest as shown on map.
Lake	50	North Angling Lake located on the W side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **236** to **354** 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.  
 The White Spruce in this area is infected with Spruce Budworm. Harvest needs to be accelerated to salvage the spruce before it becomes unmerchantable.  
 Keep existing trail that runs through the block free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>VLR-037</b>	<b>Twp &amp; Rge:</b> <b>t29r26w</b>	<b>Cut Block Size:</b> <b>23.3 ha</b>
<b>OPERATING AREA:</b> <b>Valley River</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>350570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	82	20.7	31	62%	108	2,530
BA		19.0	34	2%	4	83
WB				0%	0	0
<b>Total HW</b>				<b>64%</b>	<b>112</b>	<b>2,613</b>
WS	93	19.6	33	36%	63	1,465
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>36%</b>	<b>63</b>	<b>1,465</b>
<b>Block Total:</b>					<b>175</b>	<b>4,078</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
50	Clumped				

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	08	09	13	13	S2	1	Sandy Loam		
	33	23		05	S5	2	Clay Loam		

Cover Type: N	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,482  
 SOFTWOOD VOLUME (m3): 1,391

### 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

FEATURE	WIDTH (m)	DETAILS
1 Wetland	15-30	Located on the E side. Variable 15 to 30m buffer. Harvest as shown on map.
2 Lake	15-30	Located on the SE side. Variable 15 to 30m buffer. Harvest as shown on map.

NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **187** to **280** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain a maximum of 4 WDP's approximately 30-70 m from the block edge adjacent to buffers along riparian areas and adjacent to softwood forest types outside the block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 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 checked="" 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	6840

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2034

### RENEWAL COMMENTS/ISSUES:

Will determine site to be planted at time of harvest, ensure ATV access.  
 Helicopter will be used to deliver trees and planters, therefor leave road sections open for helicopter landings.

## 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 10/31/17
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

No concerns.	Ok.
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>VLR-038</b>	<b>Twp &amp; Rge:</b> <b>t29r26w</b>	<b>Cut Block Size:</b> <b>74.1 ha</b>
<b>OPERATING AREA:</b> <b>Valley River</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>350570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	87	21.1	30	63%	125	9,237
BA	95	19.3	26	5%	10	737
WB				0%	0	0
Total HW				68%	135	9,974
WS	118	19.1	31	29%	58	4,293
BS	84	17.5	19	2%	4	303
JP				0%	0	0
BF				0%	0	0
Total SW				32%	62	4,596
<b>Block Total:</b>					<b>197</b>	<b>14,570</b>

Understory Stems/ha and Distribution							
WS		BS		BF			
174	Uniform	11	Clumped	5	Clumped		
Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	08	13	05	05	S5	2	Sandy Clay Loam
Eco Site	32						
Cover Type:	N		IBWC Cnt:	0			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 9,475  
 SOFTWOOD VOLUME (m3): 4,367

### 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 on the W side. Structure will be maintained. Harvest as shown on map.
Flood	MFZ	Located on the S side. Structure will be maintained. Harvest as shown on map.
Wetland	30	Located on the N side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **593** to **890** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain a maximum of 14 WDP's approximately 30-70 m from the block edge adjacent to buffers along riparian areas and adjacent to softwood forest types outside the block.  
 Keep equipment and debris out of harvested area located on the SW corner of the block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 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 checked="" 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	34920

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2034

### RENEWAL COMMENTS/ISSUES:

Will determine site for planting at time of harvest, ensure ATV access.

This will be a helicopter block, so leave road sections open for helicopter landings. Landing sites to be determined at time of road closure.

Areas of WS understory >500 stems/ha and <6m in height are located in the N and W portions of the block (plots 23 and 37). Clumps of understory will be protected in patches.

## 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 10/31/17
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>No concerns.</p>	<p>Ok.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>VLR-213</b>	<b>Twp &amp; Rge:</b> <b>t29r26w</b>	<b>Cut Block Size:</b> <b>6.8 ha</b>
<b>OPERATING AREA:</b> <b>Valley River</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>350570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		24.8	30	15%	65	445
BA		24.0	33	5%	22	150
WB				0%	0	0
Total HW				20%	87	595
WS	89	19.9	25	80%	340	2,323
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				80%	340	2,323
<b>Block Total:</b>					<b>427</b>	<b>2,918</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
267	Uniform				

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	13	08	21	09	S5	1	Sandy Loam
Eco Site	23						

Cover Type: <b>S</b>	IBWC Cnt: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **564**  
 SOFTWOOD VOLUME (m3): **2,207**

### 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	Jump Creek located on the W side. Flooding has killed trees along creek. Large riparian area along creek. Harvest as shown on map.
2	Roads	MFZ	Route L located on the N side. Structure will be maintained. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **55 to 82** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is in an area affected by Spruce Budworm. Harvest is being accelerated to capture volume before White Spruce trees die.  
 Keep designated route L located on the N side free of debris.  
 Some of the WS near plots 2 and 3 has been harvested by permit holer.







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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> VLR-229	<b>Twp &amp; Rge:</b> t28r27w	<b>Cut Block Size:</b> 36.7 ha
<b>OPERATING AREA :</b> Valley River	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350570
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,938  
 SOFTWOOD VOLUME (m3): 2,520

### 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-50	Located along the E side. Variable MFZ to 50m buffer. Harvest as shown on map.
Flood	MFZ	Located on the W side. Structure will be maintained. Harvest as shown on map.
Wetland	15-50	Located on the S side. Variable 15 to 50m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 293 to 440 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is in an area affected by Spruce Budworm. Harvest is being accelerated to capture volume before White Spruce trees die.  
 This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>VLR-235</b>	<b>Twp &amp; Rge:</b> <b>t28r27w</b>	<b>Cut Block Size:</b> <b>41.3 ha</b>
<b>OPERATING AREA:</b> <b>Valley River</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>340570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	54	22.3	31	94%	208	8,575
BA		23.5	26	1%	1	48
WB				0%	0	0
Total HW				94%	209	8,623
WS	67	19.8	31	6%	12	514
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				6%	12	514
<b>Block Total:</b>					<b>221</b>	<b>9,137</b>

Understory Stems/ha and Distribution						
WS		BS		BF		
27	Clumped					

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	LFH(cm)	S-Type	Moisture	Surface Texture						
	05	08	01	04	S3	2	Loam			
	22			12	S8	2	Silty Sand			

Cover Type: H	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 8,192  
 SOFTWOOD VOLUME (m3): 488

### 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	Located on N, E and W sides. Variable MFZ to 15m buffer. Harvest as shown on map. Floods are expanding.
2	Farmland	15	Located on the W side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **330** to **495** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Approximately 5 ha's of this block have been flooded since the block was designed. Floods are expanding.  
 Maintain a maximum of 8 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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 11/15/18
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Discuss leaving more buffer around features by plots 7 to 11,8, 13 and S of 12.</p> <p>Crossing info required, nature and location.</p> <p>Viusal screen on field W side. NW of plot 14.</p> <p>Ensure 300 m LOS for elk.</p>	<p>Much of the area is now flodded by beavers, so the surviving areas will be harvested before it is lost.</p> <p>Will use the existing municipal roads and structures.</p> <p>Agreed. A 15m RZ will be added.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/>      <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>VLR-804</b>	<b>Twp &amp; Rge:</b> <b>t29r26w</b>	<b>Cut Block Size:</b> <b>35.0 ha</b>
<b>OPERATING AREA:</b> <b>Valley River</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>350570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	73	20.3	29	59%	135	4,734
BA		20.3	29	4%	10	357
WB				0%	0	0
<b>Total HW</b>				<b>63%</b>	<b>146</b>	<b>5,091</b>
WS	78	17.8	27	37%	85	2,968
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>37%</b>	<b>85</b>	<b>2,968</b>
<b>Block Total:</b>					<b>230</b>	<b>8,059</b>

Understory Stems/ha and Distribution						
WS		BS		BF		
344	Uniform					
Eco Land Classification						
Eco Land Classification			Soils Summary			
1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
13	08		09	S5	2	Loamy Sand
V Type						
Eco Site			23			
Cover Type: N		IBWC Cnt: 0				

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,837  
 SOFTWOOD VOLUME (m3): 2,820

### 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
Wetland	MFZ	Located on the W side. Structure will be maintained. Harvest as shown on map.	
Lake	50	South Angling Lake located on the S side. Harvest as shown on map.	
Stream	15-50	Jump Creek located along the NE side. Variable 15 to 50m buffer. Harvest as shown on map.	
Stream	15-100	Located on the SE side. Variable 15 to 100m buffer. Harvest as shown on map.	

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **280** to **420** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is in an area affected by Spruce Budworm. Harvest is being accelerated to capture volume before White Spruce trees die.  
 Maintain existing trail that runs through the center of the block free of debris. Trail is used by Snowman.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 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 checked="" type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2023	Sp	WS	1800	32040

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

West side of block being planted, ensure ATV access for seedling delivery.

## 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 9/15/21
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Missing forest renewal information.</p> <p>Minimal access to be left for planting. See operating area general comments.</p> <p>Increase distance between ARL-041 and this block to 100m. Appears to be 80m.</p> <p>Make the buffer on South Angling Lake a 50 m buffer.</p>	<p>Renewal information shows on LP copy of the prescription.</p> <p>Agreed.</p> <p>Agreed.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>VLR-805</b>	<b>Twp &amp; Rge:</b> <b>t29r26w</b>	<b>Cut Block Size:</b> <b>9.2 ha</b>
<b>OPERATING AREA :</b> <b>Valley River</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>350570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		20.8	38	48%	65	595
BA		18.3	30	29%	39	357
WB				0%	0	0
Total HW				77%	104	952
WS	60	14.0	30	23%	31	285
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				23%	31	285
<b>Block Total:</b>					<b>135</b>	<b>1,237</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
33	Clumped				

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	08	05		06	S5	2	Sandy 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): 904  
 SOFTWOOD VOLUME (m3): 271

### 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	Jump Creek located on the W side. Flooding has killed trees along creek. Large riparian area along creek. Harvest as shown on map.
2	Lake	30-100	East Angling Lake located on the E side. Variable 30 to 100m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **73** to **110** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is in an area affected by Spruce Budworm. Harvest is being accelerated to capture volume before White Spruce trees die.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 9/15/21
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>If VLR-212 is added to this block it may change silviculture prescription. Plant front area.          If planting is required minimal access to be left for planting. See general comments.          Increase buffer on South Angling Lake to 50m.</p>	<p>See comment for VLR-212. Would prefer to leave block VLR-221 as is. Spruce is infected with budworm. Will leave blocks as shown. Will not be planting this block. VLR-212 will not be added to block.           Should be East Angling Lake. Agreed.</p>	<input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>
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## Integrated Operations by Operating Area

Plan(s): FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### Vimy Ridge

<b>VMR-004</b>	23.80 Hectares		2023 Contingency
HW Allocation	3,165 m3	LP	
SW Allocation	1,618 m3	SPL	
<b>VMR-005</b>	59.96 Hectares		2023 Contingency
HW Allocation	7,975 m3	LP	
SW Allocation	4,077 m3	SPL	
<b>VMR-006</b>	32.21 Hectares		2022 Harvest
HW Allocation	500 m3	Quota Holder/LP	
SW Allocation	100 m3	SPL	
<b>VMR-801</b>	59.37 Hectares		2023 Harvest
HW Allocation	0 m3	LP	
SW Allocation	10,204 m3	SPL	
<b>VMR-802</b>	44.38 Hectares		2023 Harvest
HW Allocation	0 m3	LP	
SW Allocation	7,126 m3	SPL	
<b>VMR-803</b>	72.08 Hectares		2023 Harvest
HW Allocation	0 m3	LP	
SW Allocation	6,900 m3	SPL	
<b>VMR-831</b>	48.37 Hectares		2022 Harvest
HW Allocation	4,053 m3	Quota Holder/LP	
SW Allocation	5,356 m3	SPL	
<b>VMR-832</b>	19.81 Hectares		2022 Harvest
HW Allocation	54 m3	Quota Holder/LP	
SW Allocation	687 m3	SPL	
<b>VMR-837</b>	93.79 Hectares		2023 Contingency
HW Allocation	1,501 m3	Quota Holder/LP	
SW Allocation	11,724 m3	SPL	
<b>VMR-840</b>	69.29 Hectares		2023 Contingency
HW Allocation	1,109 m3	Quota Holder/LP	
SW Allocation	8,661 m3	SPL	
<b>VMR-844</b>	76.64 Hectares		2023 Contingency
HW Allocation	1,142 m3	SPL	
SW Allocation	8,919 m3	SPL	
<b>VMR-849</b>	26.40 Hectares		2023 Contingency
HW Allocation	413 m3	LP	
SW Allocation	3,328 m3	SPL/Tembec	





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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### Vimy Ridge

<b>VMR-850</b>	69.65 Hectares		2022 Harvest
HW Allocation	581 m3	LP/SPL	
SW Allocation	2,029 m3	SPL	
<b>VMR-851</b>	81.65 Hectares		2023 Contingency
HW Allocation	1,306 m3	LP	
SW Allocation	10,206 m3	SPL	
<b>VMR-863</b>	21.51 Hectares		2023 Contingency
HW Allocation	334 m3	Quota Holder/LP	
SW Allocation	2,610 m3	SPL	



# Vimy Ridge Operating Area

Clearwater Creek (CWC)

Onion Lake (ONL)

Duck Mountain Provincial Park Backcountry

Vimy Ridge (VMR)

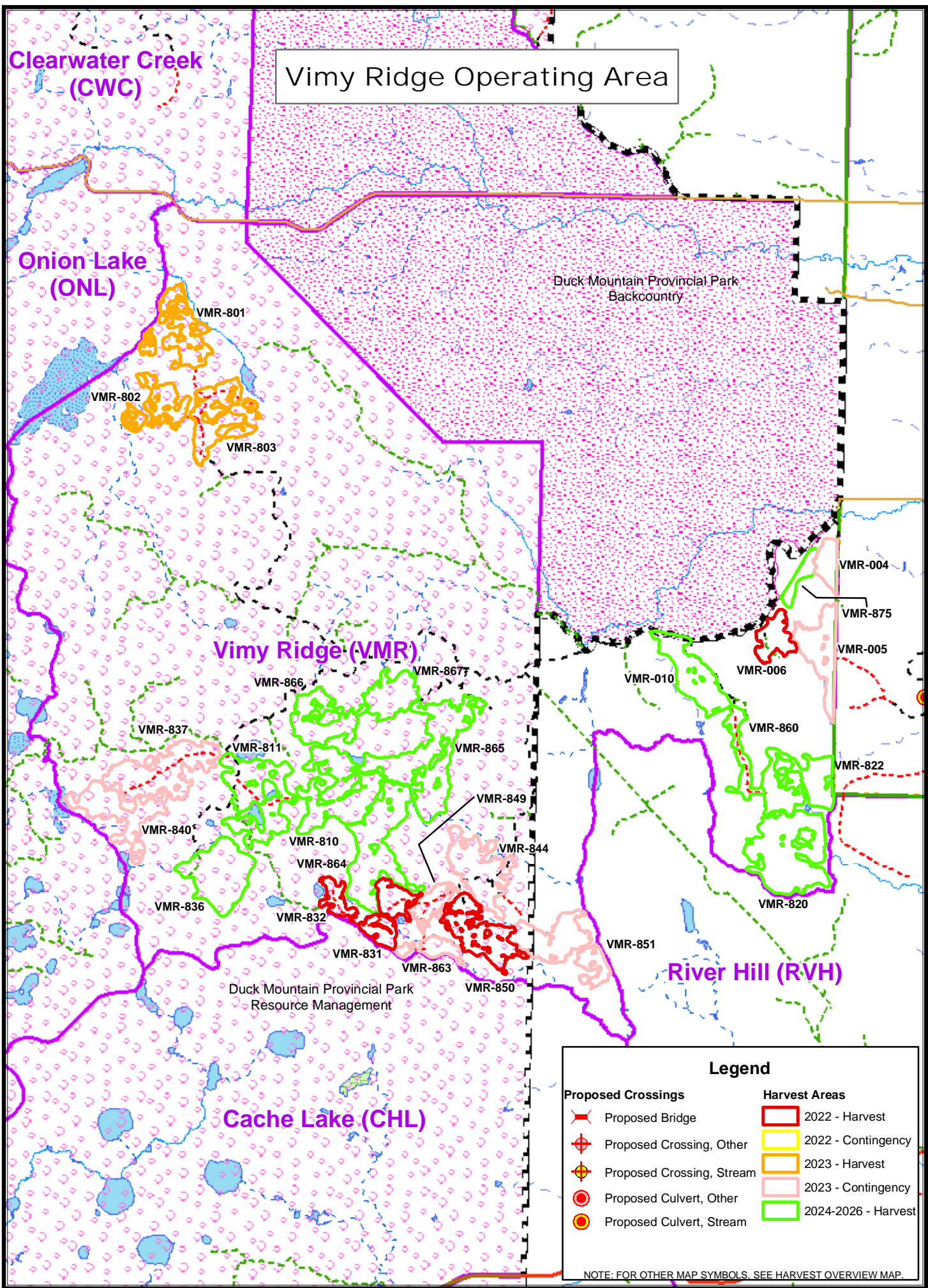
River Hill (RVH)

Cache Lake (CHL)

Duck Mountain Provincial Park Resource Management

Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.





# Roads

# Vimy Ridge

## VMR-1A and 1B (existing)

### Additional Road Development Comments

These roads are part of the main access to the Vimy Ridge blocks.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
10.2	20	8	Dry/Frozen	15

### Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	These roads are required for future harvest and will remain open. A berm will be placed at the existing gate location to restrict access. The existing gate is near the hydro line.

## VMR-1A-4A (existing)

### Additional Road Development Comments

This road accesses block VMR-006.

### 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	5

### Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Medwid	<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"/>	This road will be required for many years of quota harvest. A berm will be placed at the start of the road between harvest seasons.

## VMR-1B-1A (existing)

### Additional Road Development Comments

This road follows the hydro line and was used in 1997 to access VM-22. It is part of the access to blocks VMR-831, 832, 844, 849, 850, 851 and 863.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.4	20	8	Dry/Frozen	15

### Road Deactivation:

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL	<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"/>	This is an existing hydro line and will remain open.

**VMR-1B-1B to 1B-1C (existing)**

**Additional Road Development Comments**

These roads were built in 2018 and access blocks VMR-844 and 849 and are part of the access to blocks VMR-831, 832, 850, 851 and 863.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
3.4	20	8	Dry/Frozen	15

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The first 100m will be closed with debris after renewal. A berm will also be placed at the start of the road. ATV access is required for renewal purposes.

**VMR-1B-1C-1A (existing)**

**Additional Road Development Comments**

This road was built in 2019 and is part of the access to block VMR-851 and the small patch remaining on the east side of VMR-850.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.3	15	6	Frozen	5

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL			<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 be closed with debris at selected locations in block VMR-844. ATV access is required for renewal purposes.

**VMR-1B-1C-1B**

**Additional Road Development Comments**

This road accesses block VMR-851 and the small patch remaining on the east side of VMR-850..

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.6	15	6	Frozen	1

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL			<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 be closed with debris at selected locations in block VMR-852. ATV access is required for renewal purposes.

**VMR-1B-1C-2A (existing)**

**Additional Road Development Comments**

This road accesses the north portion of block VMR-850.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.2	15	6	Frozen	1



**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
SPL	Post-Harvest Post-Renewal	<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"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed at selected locations in block VMR-849. ATV access is required for renewal and survey purposes.

**VMR-1B-1D**

**Additional Road Development Comments**

This road accesses blocks VMR-831 and 832 and is part of the access to block VMR-863.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.7	15	6	Frozen	2

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
SPL	Post-Harvest Post-Renewal	<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"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris at selected locations in blocks VMR-849 and 831. ATV access is required for renewal purposes.

**VMR-1B-1D-1A**

**Additional Road Development Comments**

This road accesses block VMR-863.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.0	15	6	Frozen	1

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
SPL	Post-Harvest Post-Renewal	<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"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris at selected locations in blocks VMR-849. ATV access is required for renewal purposes.

**VMR-1B-3A and 1B-3B (existing)**

**Additional Road Development Comments**

These roads are part of the access to blocks VMR-801, 802 and 803.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
4.1	20	8	Dry/Frozen	25

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
SPL	Post-Harvest Post-Renewal	<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"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	These roads will remain open for future harvest. A berm will be placed at the start of the road.

**VMR-1B-3B-1A (existing)****Additional Road Development Comments**

This road is part of the access to blocks VMR-801, 802 and 803.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
4.3	15	6	Frozen	25

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL			<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 be closed at selected locations in blocks VMR-806 and 817 which were harvested in 2017. ATV access is required for renewal and survey purposes.

**VMR-1B-3B-1B-1A****Additional Road Development Comments**

This road accesses block VMR-802.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.2	15	6	Frozen	1

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The first 50m of this road will be closed with slash and debris. ATV access is required for renewal and survey purposes.

**VMR-1B-3B-1B-2A****Additional Road Development Comments**

This road accesses the island portions of VMR-803.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.0	15	6	Frozen	1

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The first 50m of this road will be closed with slash and debris. ATV access is required for renewal and survey purposes.

**VMR-1C and 1D (existing)****Additional Road Development Comments**

These roads are part of the access to blocks VMR-837 and 840.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
3.4	15	6	Frozen	25

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Slash and Debris	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL	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 type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	These roads will remain open for renewal and future harvest.

**VMR-1D-1A-3A**

**Additional Road Development Comments**

This road accesses blocks VMR-837 and 840.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.1	15	6	Frozen	2

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Slash and Debris	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
SPL	Post-Harvest Post-Renewal	<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"/> <input type="checkbox"/>	This road will be closed with slash and debris at selected locations in block VMR-837. ATV access is required for renewal and survey purposes.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>VMR-004</b>	<b>Twp &amp; Rge:</b> <b>t32r23w</b>	<b>Cut Block Size:</b> <b>23.8 ha</b>
<b>OPERATING AREA:</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>380573</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## 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
<b>Total HW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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

## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **3,165**  
 SOFTWOOD VOLUME (m3): **1,618**

### 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 **286** 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.

Vimy Ridge



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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Vimy Ridge - VMR-004



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>VMR-005</b>	<b>Twp &amp; Rge:</b> <b>t32r23w</b>	<b>Cut Block Size:</b> <b>60.0 ha</b>
<b>OPERATING AREA:</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>380573</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## 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
<b>Total HW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>0</b>	<b>0</b>

Understory Stems/ha and Distribution					
WS		BS		BF	

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type			
Eco Site			

Soils Summary	
LFH(cm)	S-Type

Moisture	Surface Texture

Cover Type:	IBWC Cnt: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **7,975**  
 SOFTWOOD VOLUME (m3): **4,077**

### 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	Ephemeral Drain	15	Located on the SW side. Flag as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **480** to **720** 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.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> VMR-006	<b>Twp &amp; Rge:</b> t32r23w	<b>Cut Block Size:</b> 32.2 ha
<b>OPERATING AREA:</b> Vimy Ridge	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 380573
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	86	20.1	31	68%	139	4,483
BA				0%	0	0
WB	55	20.3	25	15%	30	963
Total HW				82%	169	5,446
WS	97	16.0	32	4%	9	290
BS				0%	0	0
JP	104	20.0	27	7%	14	443
BF		16.8	26	7%	14	445
Total SW				18%	37	1,178
<b>Block Total:</b>					<b>206</b>	<b>6,624</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
14	Clumped			1186	Uniform
Eco Land Classification			Soils Summary		
V Type			LFH(cm)	S-Type	Moisture
1st	2nd	3rd	03	S2	1
08	13	05	Sandy Clay Loam		
Eco Site					
32					
Cover Type: H		IBWC Cnt: 0			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: Quota Holder/LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 500  
 SOFTWOOD VOLUME (m3): 100

### 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 258 to 387 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Areas of blow down in block. Merchantable trees will be salvaged if possible.  
 Block to be cut from back to front starting with south half, west of trail, small areas each yr  
 This block may be harvested by a quota holder (Medwid). If harvested by a quota holder harvest will start at the south end of the block. This block should have enough volume for at least 5 years.  
 BF should be avoided as much as possible, retain in windfirm patches.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 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	2028

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 10/18/19
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Block to be cut from back to front starting with south half, west of trail, small areas each yr            BF should be avoided as much as possible in windfirm patches.</p>	<p>Agreed</p> <p>Agreed</p>	<input type="checkbox"/>  <input type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>VMR-801</b>	<b>Twp &amp; Rge:</b> <b>t32r24w</b>	<b>Cut Block Size:</b> <b>59.4 ha</b>
<b>OPERATING AREA:</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>370573</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Resource MGMT</b>

## 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	83	14.2	15	83%	150	8,921
JP	86	15.6	20	17%	31	1,820
BF				0%	0	0
Total SW				100%	181	10,741
<b>Block Total:</b>					<b>181</b>	<b>10,741</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
		790	Uniform		

Eco Land Classification				Soils Summary			
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	30	28	27	09	S10	5	Clay Loam
	Eco Site		53	36	40	S12F	2

Cover Type: <b>S</b>	IBWC Cnt: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3):  
 SOFTWOOD VOLUME (m3): **10,204**

### 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	30-40	Pine River located on the W side. Variable 30 to 40m buffer. Harvest as shown on map.
2	Stream	30-100	Located on the E side. Variable 30 to 100m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **475** to **712** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Most of the JP is infected with Western Gall Rust. Avoid leaving JP in WLTP's and buffers if feasible.  
 Maintain a maximum of 11 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: S

### RENEWAL ACCESS

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2024	Sp	BS	2000	81000

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Areas of BS understory >500 stems/ha and <6m in height are located in the S and W portions of the block (plots 1,3,7,9,11,17 & 23). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.  
 Ensure ATV access and areas of no debris on road for helicopter landings

## 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 11/16/18
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>No road access to W portion adjacent to Pine Creek.</p> <p>Minimum 30m buffer for water quality mitigation.</p>	<p>A crossing has not been identified yet. Crossing location and type will be determined at time of harvest. It should be possible to freeze down a road to this area.</p> <p>Agreed. Where it is lowland BS it will be healthy, but may not be healthy otherwise.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>VMR-802</b>	<b>Twp &amp; Rge:</b> <b>t32r24w</b>	<b>Cut Block Size:</b> <b>44.4 ha</b>
<b>OPERATING AREA:</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>370573</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Resource MGMT</b>

## 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	95	16.9	17	82%	138	6,121
JP	81	18.2	18	18%	31	1,379
BF				0%	0	0
Total SW				100%	169	7,500
<b>Block Total:</b>					<b>169</b>	<b>7,500</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
		231	Uniform		

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	28	32		08	S2	0	Loamy Sand
Eco Site	13						

Cover Type: <b>S</b>	IBWC Cnt: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3):  
 SOFTWOOD VOLUME (m3): **7,126**

### 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	MFZ	Pine River Lake located on the W side. Very large riparian zone. Structure will be maintained. Harvest as shown on map.
2	Stream	30	Located in center of block. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **355** to **533** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Most of the JP is infected with Western Gall Rust. Avoid leaving JP in WLTP's and buffers if feasible.  
 Maintain a maximum of 9 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **S**

### RENEWAL ACCESS

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2024	Sp	BS	2000	63000

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Area of BS understory >500 stems/ha and <6m in height is located in the S central portion of the block (plot 9). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.  
 Ensure ATV access and large spots on the road with no debris to accommodate a helicopter landing.

## 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 <b>11/16/18</b>
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>No harvest of north peninsula on W portion or skid only. No roads.            Minimum 30m buffer on creek in center of block.</p>	<p>Will drop the peninsula.            Agreed.</p>
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<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>VMR-803</b>	<b>Twp &amp; Rge:</b> <b>t32r24w</b>	<b>Cut Block Size:</b> <b>72.1 ha</b>
<b>OPERATING AREA:</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>370573</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Resource MGMT</b>

## 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	91	13.9	15	75%	109	7,871
JP	82	15.3	17	25%	36	2,622
BF				0%	0	0
Total SW				100%	146	10,493
<b>Block Total:</b>					<b>146</b>	<b>10,493</b>

Understory Stems/ha and Distribution					
WS	BS	BF			
	483	Uniform			

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type			
Eco Site			

LFH(cm)	S-Type	Moisture	Surface Texture

Cover Type: <b>S</b>	IBWC Cnt: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3):  
 SOFTWOOD VOLUME (m3): **6,900**

### 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	MFZ	Located on the NE side. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **577** to **865** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block was surveyed in 1998 and some of the data such as soils does not transfer to our new reporting system.  
 Maintain a maximum of 14 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Approximately 30% of this block was harvested in 2018/19. The volumes shown indicate this.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: **S**

### RENEWAL ACCESS

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2024	Sp	BS	2000	89760

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Regeneration	First	2034

### RENEWAL COMMENTS/ISSUES:

Areas of BS understory >500 stems/ha and <6m in height are located in the central portion of the block (plots 10, 19, 21, 26, 33 and 36). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches. Four areas of BS understory have been removed from the block. Ensure ATV access and helicopter landings on sections of road.

## 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 <b>9/21/17</b>
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Identify access plan for isolated stands.</p>	<p>No loop road. Access off of spur roads if the wood is viable and cost effective. Will use minimal drain crossings to access islands. May be dropped at time of harvest.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>VMR-831</b>	<b>Twp &amp; Rge:</b> <b>t31r24w</b>	<b>Cut Block Size:</b> <b>48.4 ha</b>
<b>OPERATING AREA:</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>370572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Resource MGMT</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	117	23.1	36	22%	45	2,154
BA		21.7	37	5%	11	508
WB		18.1	25	15%	31	1,482
Total HW				43%	86	4,144
WS	56	20.7	34	27%	54	2,634
BS	97	17.6	26	21%	42	2,034
JP		20.2	25	8%	16	783
BF				0%	0	0
Total SW				57%	113	5,451
<b>Block Total:</b>					<b>198</b>	<b>9,595</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
260	Uniform	300	Uniform	70	Clumped

Eco Land Classification	1st			2nd			3rd		
	V Type	17	13						
	Eco Site	34							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
07	S5	2	Sandy Loam

Cover Type: <b>M</b>	IBWC Cnt: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **Quota Holder/LP**  
 SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **4,053**  
 SOFTWOOD VOLUME (m3): **5,356**

### 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

FEATURE	WIDTH (m)	DETAILS
1 Wetland	MFZ	Maintain structure along wetlands on E and W sides. Flag as shown on map.
2 Wetland	MFZ	Located along N end of block. Structure will be maintained. Flag as shown on map.

NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **387** to **580** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Area of BF understory >500 stems/ha and <6m in height is located in the central portion of the block (Plot 7). This area will be harvested with concentrated clumps of BF being maintained.

Areas of BS understory >500 stems/ha are located in the N portion of the block (plots 9 and 17). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

Areas of WS understory >500 stems/ha and <6m in height are located in the S and N portions of the block (plots 5 and 13). Clumps of understory will be protected in patches.

Maintain a maximum of 9 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.

Maintain structure along IBWC's located near plot 2 in the SE portion of the block and plots 10 and 15 in the W central portion of the block.

Retain pure hardwood patches. Incidental hardwood harvest for roads and landings.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: M

### RENEWAL ACCESS

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2023	Sp	BS	2000	24480
2023	Sp	WS	2000	36720

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

ATV access required - will try to get ATV to block.

## 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 11/11/16
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

Mitigated

OK with RZ planned across centre of block as long as it is wind firm.	Agreed. Will determine in the field.	<input checked="" type="checkbox"/>
Retain all hardwood in pure patches. Incidental hdwd for roads and landings	OK. Add to prescription.	<input checked="" type="checkbox"/>
Retain structure along IBWC located near plots 10 and 15,	Agreed. Will add comment to prescription.	<input checked="" type="checkbox"/>
50m RZ for a 100 total separation.	Revisit when surveyed. Use wetland/topography.	<input checked="" type="checkbox"/>
MFZ on wetland along N end of the block.	Agreed. Will add to prescription.	<input checked="" type="checkbox"/>
LP to declare hardwood from mixedwood if no available hdwd quota.	Agreed.	<input checked="" type="checkbox"/>
Split block N/S axis.	Revisit when surveyed.	<input checked="" type="checkbox"/>
30m RZ on E wetland.	Revisit when surveyed.	<input checked="" type="checkbox"/>

Vimy Ridge - VMR-831



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>VMR-832</b>	<b>Twp &amp; Rge:</b> <b>t31r24w</b>	<b>Cut Block Size:</b> <b>19.8 ha</b>
<b>OPERATING AREA:</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>370572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Resource MGMT</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		16.5	27	5%	7	130
BA	89	19.5	28	2%	3	57
WB		11.5	32	1%	2	33
Total HW				8%	11	220
WS	103	22.0	38	4%	6	128
BS	102	17.3	21	62%	90	1,784
JP	99	20.3	24	26%	37	737
BF				0%	0	0
Total SW				92%	134	2,649
<b>Block Total:</b>					<b>145</b>	<b>2,869</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
		50	Clumped		

Eco Land Classification	1st			2nd			3rd		
	V Type	17	18	08					
	Eco Site	42	24						

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
02	S6	2	Sandy Clay Loam
03	S8	3	Sandy Loam

Cover Type: <b>S</b>	IBWC Cnt: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **Quota Holder/LP**  
 SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **54**  
 SOFTWOOD VOLUME (m3): **687**

### 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-30	Located on E and N side. Variable MFZ to 30m buffer. Structure will be maintained. Flag as shown on map.
2	Lake	MFZ-30	Located on W side. Variable MFZ to 30m buffer. Structure will be maintained. Flag as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **158** to **238** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Alder, raspberry and rose are present in this block.  
 This block has hummocky topography.  
 Maintain a maximum of 4 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Most of this block was harvested in 2015. There is approximately 5.4 hectares remaining. The volumes shown indicate the approximate volume remaining.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 checked="" type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: S

### RENEWAL ACCESS

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2023	Sp	BS	2000	7200
2023	Sp	WS	2000	19800

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

Road closure to accommodate 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 10/30/15
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

Mitigated

<p>Discuss retaining more than MFZ on wetlands due to fluctuating water level</p> <p>Leave 30m buffer along wetland on E side.</p> <p>E/N/W sides variable MFZ to 30m RZ.</p> <p>Reduce hardwood harvest on E and S sides.</p>	<p>Agree to establish variable RZ buffer.</p> <p>Variable buffer. Retain 30m in mixedwood areas of RMA.</p> <p>Agreed on lake W side of block. Variable otherwise.</p> <p>Agreed. Will remove from block.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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Vimy Ridge - VMR-832



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>VMR-837</b>	<b>Twp &amp; Rge:</b> <b>t32r24w</b>	<b>Cut Block Size:</b> <b>93.8 ha</b>
<b>OPERATING AREA :</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>370573</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Resource MGMT</b>

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **Quota Holder/LP**  
 SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **1,501**  
 SOFTWOOD VOLUME (m3): **11,724**

### 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 SE side. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **750** to **1,125** 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.



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 Fax: 204-734-3646

# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Reforestation	First	2034

### 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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Vimy Ridge - VMR-837



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>VMR-840</b>	<b>Twp &amp; Rge:</b> <b>t31r24w</b>	<b>Cut Block Size:</b> <b>69.3 ha</b>
<b>OPERATING AREA:</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>370572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Resource MGMT</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **Quota Holder/LP**  
 SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **1,109**  
 SOFTWOOD VOLUME (m3): **8,661**

### 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	Located on the W/SW side. Structure will be maintained. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **554 to 831** 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.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Reforestation	First	2034

### 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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Vimy Ridge - VMR-840





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>VMR-844</b>	<b>Twp &amp; Rge:</b> <b>t31r24w</b>	<b>Cut Block Size:</b> <b>76.6 ha</b>
<b>OPERATING AREA :</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>380572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Resource MGMT</b>

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **1,142**  
 SOFTWOOD VOLUME (m3): **8,919**

### 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
Ephemeral Drain	MFZ-75	Located on the E side. Variable MFZ to 75m buffer. Harvest as shown on map.
Wetland	MFZ-30	Located on the S tip. Variable MFZ to 30m buffer. Harvest as shown on map.
Ephemeral Drain	MFZ-100	Located along the N side. Variable MFZ to 100m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **613** to **920** 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.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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Vimy Ridge - VMR-844



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> VMR-849	<b>Twp &amp; Rge:</b> t31r24w	<b>Cut Block Size:</b> 26.4 ha
<b>OPERATING AREA :</b> Vimy Ridge	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 370572
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Resource MGMT

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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/Tembec

HARDWOOD VOLUME (m3): 413

SOFTWOOD VOLUME (m3): 3,328

### 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 W side. Structure will be maintained. Harvest as shown on map.
2	Wetland	75	Stream/wetland complex located on the S side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 211 to 317 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.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>VMR-850</b>	<b>Twp &amp; Rge:</b> <b>t31r24w</b>	<b>Cut Block Size:</b> <b>69.7 ha</b>
<b>OPERATING AREA:</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>380572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Resource MGMT</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	85	21.2	32	15%	35	2,458
BA				0%	0	0
WB		18.3	29	7%	15	1,079
Total HW				22%	51	3,537
WS		20.3	26	6%	13	887
BS	110	16.5	19	31%	70	4,898
JP	104	18.5	24	41%	95	6,588
BF				0%	0	0
Total SW				78%	178	12,373
<b>Block Total:</b>					<b>228</b>	<b>15,910</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
83	Clumped	56	Clumped		

Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
		15	14	13	05	S5	2
Eco Site	35						

Cover Type: <b>S</b>	IBWC Cnt: <b>2</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **581**  
 SOFTWOOD VOLUME (m3): **2,029**

### 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 NE side. Structure will be maintained. Flag as shown on map.
2	Stream	15	Located on the SW side. Variable 15 to 100+m buffer. Flag as shown on map.

NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **557** to **836** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

To benefit the regeneration of both planted softwood seedlings and natural regeneration of hardwoods by suckering, it is recommended that all hardwood trees (except wildlife tree patches) be harvested. Selective harvesting of only the softwood trees would leave behind significant amounts of hardwood canopy. The number of acceptable planting microsites would be very low, and the hardwood canopy could reduce the softwood seedlings growth. Therefore, harvesting of both the softwood and hardwood trees will assist in maintaining the softwood portion of hardwood-spruce mixedwoods.

Most of this block was harvested in 2019/20. There are approximately 12 ha's remaining. Volumes shown indicate this.

Areas of blow down located on the west and north sides of the block. Merchantable trees will be salvaged if possible.

Maintain a maximum of 13 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.

Maintain structure along IBWC located in the N end near plot 28.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 checked="" type="checkbox"/>
BS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	AREA PLANT

SNOW CACHE:

RENEWAL COVERTYPE: S

### RENEWAL ACCESS

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2023	Sp	BS	2000	88920
2023	Sp	WS	2000	10080

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Reforestation	First	2033

### RENEWAL COMMENTS/ISSUES:

Area of BS understory >500 stems/ha and <6m in height is located on the N end of the block (plot 32). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

Areas of WS understory >500 stems/ha and <6m in height are located in the central portion of the block (plots 22 and 24). Clumps of understory will be protected in patches.

Ensure a few areas on the road are free of debris so the helicopter can land.

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 10/18/19
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Concern for circle route if VMR-831 hauled to the east from VMR-850. Ensure to connectivity          Add wildlife debris piles to prescription.</p>	<p>Will ensure no connectivity if block hauled to the east through VMR-850.          Agreed.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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Vimy Ridge - VMR-850



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>VMR-851</b>	<b>Twp &amp; Rge:</b> <b>t31r23w</b>	<b>Cut Block Size:</b> <b>81.7 ha</b>
<b>OPERATING AREA:</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>380572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Resource MGMT</b>

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **1,306**  
 SOFTWOOD VOLUME (m3): **10,206**

### 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
Ephemeral Drain	Wetland
MFZ-30	50
Located along the N and E sides. Variable MFZ to 30m buffer. Harvest as shown on map.	
Located on the S side. Harvest as shown on map.	

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **653** to **980** 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.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Regeneration	First	2034

### 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>VMR-863</b>	<b>Twp &amp; Rge:</b> <b>t31r24w</b>	<b>Cut Block Size:</b> <b>21.5 ha</b>
<b>OPERATING AREA:</b> <b>Vimy Ridge</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>370572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Resource MGMT</b>

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: **Quota Holder/LP**  
 SOFTWOOD ALLOCATION: **SPL**

HARDWOOD VOLUME (m3): **334**  
 SOFTWOOD VOLUME (m3): **2,610**

### 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	Wetland
MFZ-30	MFZ
Located on the N and W sides. Variable MFZ to 30m buffer. Harvest as shown on map.	Located on the E side. Structure will be maintained. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **172** to **258** 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.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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 checked="" 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
Plantation Survival	First	2025
Reforestation	First	2034

### 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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## Integrated Operations by Operating Area

Plan(s): FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### Watjask Lake

<b>WJL-124</b>	106.53 Hectares		2022 Harvest
HW Allocation	2,344 m3	LP	
SW Allocation	1,095 m3	SPL	
<b>WJL-125</b>	98.89 Hectares		2022 Harvest
HW Allocation	3,463 m3	LP	
SW Allocation	1,739 m3	SPL	
<b>WJL-126</b>	55.78 Hectares		2022 Harvest
HW Allocation	1,580 m3	LP	
SW Allocation	1,292 m3	SPL	
<b>WJL-133</b>	55.01 Hectares		2023 Harvest
HW Allocation	10,656 m3	LP	
SW Allocation	4,948 m3	SPL	
<b>WJL-134</b>	203.61 Hectares		2023 Harvest
HW Allocation	28,730 m3	LP	
SW Allocation	14,322 m3	SPL	
<b>WJL-138</b>	69.87 Hectares		2022 Harvest
HW Allocation	16,896 m3	LP	
SW Allocation	3,287 m3	SPL	
<b>WJL-139</b>	210.00 Hectares		2022 Contingency
HW Allocation	18,120 m3	LP	
SW Allocation	26,241 m3	SPL	
<b>WJL-150</b>	37.96 Hectares		2022 Harvest
HW Allocation	6,353 m3	LP	
SW Allocation	3,485 m3	SPL	
<b>WJL-151</b>	22.12 Hectares		2022 Harvest
HW Allocation	2,865 m3	LP	
SW Allocation	4,273 m3	SPL	
<b>WJL-152</b>	59.79 Hectares		2022 Contingency
HW Allocation	8,781 m3	LP	
SW Allocation	6,052 m3	SPL	
<b>WJL-200</b>	89.81 Hectares		2023 Contingency
HW Allocation	12,927 m3	LP	
SW Allocation	5,777 m3	SPL	
<b>WJL-201</b>	111.97 Hectares		2023 Contingency
HW Allocation	16,175 m3	LP	
SW Allocation	8,750 m3	SPL	





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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML  
 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### Watjask Lake

WJL-202	99.49 Hectares			2023 Contingency
HW Allocation	15,929 m3	LP		
SW Allocation	8,561 m3	SPL		
WJL-203	75.01 Hectares			2023 Contingency
HW Allocation	12,504 m3	LP		
SW Allocation	5,237 m3	SPL		
WJL-204	100.08 Hectares			2023 Contingency
HW Allocation	13,779 m3	LP		
SW Allocation	9,859 m3	SPL		



# Watjask Lake Operating Area

Alpine (ALP)

Sarah Lake (SRL)

Four Corners (FRC)

Duck Mountain Provincial Park Backcountry

Madge Lake (MGL)

Watjask Lake (WJL)

Boggy Creek

Cote San Clara CP

- WJL-501
- WJL-204
- WJL-202
- WJL-152
- WJL-C41
- WJL-C42
- WJL-C40
- WJL-C39
- WJL-C38
- WJL-124
- WJL-200
- WJL-C30
- WJL-C31
- WJL-C29
- WJL-201
- WJL-C37
- WJL-C36
- WJL-203
- WJL-C35
- WJL-C34
- WJL-139
- WJL-125
- WJL-150
- WJL-126
- WJL-134
- WJL-146
- WJL-138
- WJL-151
- WJL-117
- WJL-145
- WJL-133
- WJL-C32
- WJL-C33
- WJL-073
- WJL-072
- WJL-071
- WJL-070

Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.





## Internal Mitigation Comments

### General

Operating Area	Concern	Manitoba	Action/Response
Watjask Lake	Harvest Sequence	WJL-133 and the south half of 134 should not be cut until 151, 126, and 138 are cut, so the east road can be closed off first.	That is the plan as shown by the block years, WJL-126, 138 and 151 are 2022 and WJL-133 and 134 are 2023.
		WJL-125, and 150 should also not be cut until 126, 138 and 151 are closed to limit the amount of accesses that are open.	Block WJL-125 is being harvested this winter but not all of it will be cut this winter. Block WJL-126 is mostly cut. Block WJL-150 will be cut after WJL-126, 138 and 151.
	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. Will determine on a site by site basis.

### Site Specific

Block	Concern	Manitoba	Action/Response
WJL-133	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed.
WJL-134	Wildlife Ungulate	Is this block hilly? The long straight road planned through the middle of the block will make LOS requirements difficult to meet.	This block has some hills. The BF and WS understory protection patches will assist with LOS requirements. LOS requirements will be met.
	Riparian Mgmt. Wildlife	NW Lake buffer should be increased to 30m.  W to SW buffer should be increased to 30 to 50m buffer.	Agreed.  Agreed.

		The buffer on the east side should be increased to 30 to 50m.	Agreed.
	Access Control	Minimal access to be left for planting. No truck access to be left. See Operating Area General Comment about planting access.	Agreed.
	Wildlife Ungulate	This area sees a lot of hunting pressure. Closure between seasons (drag grapples of wood across the road, etc.) and post-harvest will be important.	Agreed. Will ensure road is closed between seasons.
WJL-139	Riparian Mgmt. Wildlife	Wetland buffers should be increased to 30m minimum.	Most wetlands increased to 30m or MFZ to 30.
	Harvest Sequence	This block should be cut last on the way out.	Agreed. This block will be harvested after blocks WJL-124, 125, 150 and 152 are harvested.
	Access Control	Minimal access to be left for planting. No truck access to be left. See Operating Area General Comment about planting access.	Agreed.
WJL-150	Access Control	Only one access is created to the W side. No circle route to be created into WJL-139.	Access to WJL-150 will probably be through block WJL-139 if dry/frozen harvest. If harvested in winter access could be through WJL-125.
		Minimal access to be left for planting. No truck access to be left. See Operating Area General Comment about planting access.	Agreed.
	Riparian Mgmt. Wildlife	Buffer on S side should be increased to minimum of 30m.	Agreed.
WJL-151	Parks	The shape for this block appears to cross over into Back Country. Could be a GIS error, please review.	Block is outside Back Country.
	Access Control	Minimal access to be left for planting. No truck access to be left. See Operating Area General Comment about planting access.	Agreed.

	Wildlife Ungulate	Boundary on Back Country should be a feathered edge to help meet LOS requirements.	Feathering implies editing boundary on both sides of the park line. Not buffering the park line. LOS will be met with understory patches and area of dead trees in middle of the block along the park line.
WJL-152	Riparian Mgmt. Wildlife	Wetland buffers should be increased to 30m minimum.	Will leave buffers as drawn. All wetlands have large riparian areas and most have at least a 15m buffer.
WJL-200	Riparian Mgmt. Wildlife	30 to 50m buffer on lake to the west.	Agreed
	Wildlife Ungulate	What is the quality of the softwood patch near the middle to east portion of the block? If this is lower quality, could it be left for thermal cover?	Stand is merchantable BS (age 125-142 yrs) and will be harvested.
	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed
	Harvest Sequence	This block should be cut and closed before 201 and 204 are, or cut after both of those blocks are completed and closed.	Will cut portions of WJL-201 while road being made into WJL-200. Will cut the north island at the start and the north portion accessed by road WJL-1K-1B-2A.
WJL-201	Harvest Sequence	This block should be the last in sequence on this road.	Will cut portions of WJL-201 while road being made into WJL-200. Will cut the north island at the start and the north portion accessed by road WJL-1K-1B-2A.
	Riparian Mgmt. Wildlife	Minimum of 30m on wetlands.	Changed most wetlands to 30m buffer except flood on the W central side. Changed the SE wetland to 15-75m buffer.
	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed.

WJL-202	Riparian Mgmt. Wildlife	Minimum of 30m on wetlands.	Changed wetland complex on E side to 15-50m buffer.
	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed.
WJL-203	Riparian Mgmt. Wildlife	Wetland on NE to increase to 30m minimum.	Changed wetland complex on E side to 15-50m buffer.
		Confirm access into block. Looks like the access from the old block to the south and the access into block 202 will create a circle route. If so will need to be changed.	Access into this block will be from the old block to the south and will continue into blocks WJL-202 and 204. There will be no circle route into WJL-201.
	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed.
WJL-204	Riparian Mgmt. Wildlife	Wetland on N and E sides to increase to 30m minimum.	Changed wetland complex on N and E sides to 15-50m buffer.
	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed.

# Roads

# Watjask Lake

## WJL 1A to 1Q (existing)

### Additional Road Development Comments

These roads are part of the access to blocks WJL-126, 133, 134, 138, 139, 151, 152 and 200 to 204. Portions of these roads are on designated routes Q and S.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
16.5	20	8	Dry/Frozen	50

### 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 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 and will remain open for future harvest.

## WJL-1K-1A

### Additional Road Development Comments

This road is part of the access to blocks WJL-200 to 204. This road is in block WJL-116 which was harvested in 2014.

### 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	5

### 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/SPL	<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"/>	The first 100m of this road will be closed with slash and debris if available. ATV access is required for renewal.

## WJL-1K-1A-1A

### Additional Road Development Comments

This road accesses blocks WJL-202, 203 and 204.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
3.1	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 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	This road will be closed at selected locations in blocks WJL-202 and 203. Crossings WJL-C34 to 37 will be removed. ATV access is required for renewal and survey purposes.

**WJL-1K-1B**

**Additional Road Development Comments**

This road access blocks WJL-200 and 201.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
3.2	20	8	Dry/Frozen	15

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and Debris	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP/SPL			<input checked="" type="checkbox"/>	<input checked="" 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 at selected locations in blocks WJL-116 and 201 after renewal activities. Selected locations include landings and other areas where debris accumulates. Crossings WJL-C28 to C31 will be removed further restricting access. ATV access is required for renewal.

**WJL-1K-1B-1A**

**Additional Road Development Comments**

This road accesses the small island portion of block WJL-201.

**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	15

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and Debris	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP/SPL			<input checked="" type="checkbox"/>	<input checked="" 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 at selected locations in blocks WJL-201 after renewal activities. Selected locations include landings and other areas where debris accumulates. Crossings WJL-C28 will be removed further restricting access. ATV access is required for renewal.

**WJL-1K-1B-2A**

**Additional Road Development Comments**

This road accesses the NE portion of block WJL-201.

**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	15

**Road Deactivation:**

Road Closure Responsibility	Post-Harvest	Post-Renewal	Crossing Removal	Debris	Slash and Debris	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP/SPL			<input checked="" type="checkbox"/>	<input checked="" 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 at selected locations in blocks WJL-201 after renewal activities. Selected locations include landings and other areas where debris accumulates. Crossings WJL-C31 will be removed further restricting access. ATV access is required for renewal.

**WJL-1Q-1A (existing)****Additional Road Development Comments****Road Development:**

This road is in block WJL-123 and is part of the access to blocks WJL-126, 133, 134, 138 and 151.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.9	20	8	Dry/Frozen	15

**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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris at selected locations in block WJL-123. ATV access is required for renewal activities.

**WJL-1Q-1B (existing)****Additional Road Development Comments****Road Development:**

This road accesses block WJL-134 and is part of the access to blocks WJL-126, 133, 138 and 151.

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	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP			<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"/>	This road will be closed with debris after renewal activities. ATV access is required for renewal and surveys.

**WJL-1Q-1B-1A****Additional Road Development Comments****Road Development:**

This road is in block WJL-134 and accesses block WJL-133.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.5	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/SPL			<input checked="" type="checkbox"/>	<input checked="" 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 at selected locations in block WJL-134. Crossing WJL-C32 will be removed. ATV access is required for renewal and survey purposes.

**WJL-1Q-1B-2A****Additional Road Development Comments****Road Development:**

This road accesses block WJL-151.

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	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP/SPL	Post-Harvest Post-Renewal	<input type="checkbox"/> <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"/>	This road will be closed with slash and debris at selected locations after renewal activities. Crossing WJL-C33 will be removed restricting access. ATV access is required for renewal activities.

**WJL-1Q-1C**

**Additional Road Development Comments**

This road accesses block WJL-138.

**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	Slash and	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"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with slash and debris at selected locations in block WJL-127 and 138.

**WJL-1R (existing)**

**Additional Road Development Comments**

This road accesses block WJL-139 and is part of the access to blocks WJL-150 and 152.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.2	20	8	Dry/Frozen	15

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	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"/>	<input type="checkbox"/> <input type="checkbox"/>	This road will be closed with debris for the first 50m and at selected locations in block WJL-124. ATV access is required for renewal purposes.

**WJL-1R-1A**

**Additional Road Development Comments**

This road accesses block WJL-152.

**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		Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input type="checkbox"/> <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"/>	The first 100m of this road will be closed with debris. The crossings will be removed after renewal activities. ATV access is required for renewal purposes.



**WJL-1S (existing)**

**Additional Road Development Comments**

This road accesses block WJL-125 and may also be used to access block WJL-150.

**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	2

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	Berm	Earth	Gate	Site Prep	None	Additional Road Closure Comments
LP	<b>Post-Harvest</b> <b>Post-Renewal</b>	<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"/>	This road will be closed with debris in block WJL-124. ATV access is required for renewal purposes.





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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> <b>WJL-C28</b>		<b>Ownership:</b> <b>LP/SPL</b>	
<b>Operating Area:</b>	Watjask Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5726041	<b>UTM Easting:</b>	330447
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW13-31-29W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	04-June-2019
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WJL-1K-1B-1A		

**Site Description:**

Alder swale in mixed wood stand. Organic substrate with no banks or flow. Dry beaver flood upstream.

**General Considerations:**

LP/SPL 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:**




<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2023"/>	to <input type="text" value="01 July,2025"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A minimum 12 inch culvert will 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 WJL-C28

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> <b>WJL-C29</b>		<b>Ownership:</b> <b>LP/SPL</b>	
<b>Operating Area:</b>	Watjask Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5726417	<b>UTM Easting:</b>	330084
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	SW24-31-29W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	04-June-2019
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WJL-1K-1B		

**Site Description:**

Small alder swale in mixed wood stand. No water or banks at time of inspection. Organic substrate.

**General Considerations:**

LP/SPL 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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2023"/>	to <input type="text" value="01 July,2025"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>




**Installation & Removal Notes:**

A minimum 12 inch culvert will 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 WJL-C29

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> <b>WJL-C30</b>		<b>Ownership:</b> <b>LP/SPL</b>	
<b>Operating Area:</b>	Watjask Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5726691	<b>UTM Easting:</b>	329887
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	SE23-31-29W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	04-June-2019
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WJL-1K-1B-2A		

**Site Description:**

Small alder swale in mixed wood stand. No water at time of inspection. Organic/clay substrate.

**General Considerations:**

LP/SPL 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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2023"/>	to <input type="text" value="01 July,2025"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>




**Installation & Removal Notes:**

A minimum 12 inch culvert will 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 WJL-C30

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>





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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> <b>WJL-C31</b>		<b>Ownership:</b> <b>LP/SPL</b>	
<b>Operating Area:</b>	Watjask Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5726655	<b>UTM Easting:</b>	330110
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	SW24-31-29W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	04-June-2019
<b>Channel Width (m):</b>	0.30	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.05	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WJL-1K-1C		

**Site Description:**

Alder/sedge swale in mixed wood stand. Low flow with organic substrate. Approximately 10m wide at crossing location.

**General Considerations:**

LP/SPL 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"/>




<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2023"/>	to <input type="text" value="01 July,2025"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A minimum 12 inch culvert will 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 WJL-C31

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> WJL-C32		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Watjask Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5723910	<b>UTM Easting:</b>	336596
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW10-31-28W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	08-October-2020
<b>Channel Width (m):</b>	0.30	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.05	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WJL-1Q-1B-1A		

**Site Description:**

Crossing is on an alder swale in mixed wood stand. Substrate is clay and organic. Banks are 50cm. No flow at 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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2023"/>	to <input type="text" value="01 July,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>




**Installation & Removal Notes:**

A minimum 18 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 WJL-C32

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

### Crossing Name: **WJL-C33**

**Operating Area:** Watjask Lake  
**UTM Northing:** 5724367  
**Stream Type:** Other Watercourse  
**Watercourse Name:** N/A  
**Channel Width (m):** 0.20  
**Water Depth (m):** 0.03  
**Road Name:** WJL-1Q-1B-2A

**Ownership:** LP  
**Contingency Crossing:**   
**UTM Easting:** 337557  
**Land Description:** NE10-31-28W  
**Crossing Inspection Date:** 08-October-2020  
**Stream Assessment Required:**  
**Stream Assessment Complete:**

### Site Description:

Crossing is on a sedge run with dams upstream. Substrate is clay with no 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:**

to

**Permanent Crossing:**

**Proposed Install Date:**

**Crossing Duration:**  Years




**Remove after Renewal Activities:**

### Installation & Removal Notes:

A minimum 18 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 WJL-C33

 A photograph showing a field of tall, dry grasses and some green plants in the foreground. In the background, there is a dense forest of evergreen trees.	<p>Across</p>
 A photograph of a small stream flowing through a field of tall grasses. The stream is visible in the lower center of the frame, surrounded by dense vegetation.	<p>Upstream</p>
 A photograph of a stream flowing through a field of tall grasses. The stream is visible in the lower center of the frame, surrounded by dense vegetation.	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> <b>WJL-C34</b>		<b>Ownership:</b> <b>LP</b>	
<b>Operating Area:</b>	Watjask Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5726361	<b>UTM Easting:</b>	331470
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	SE24-31-29W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	29-April-2021
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WJL-1K-1A-1A		

**Site Description:**

Crossing is an alder swale in mixed wood stand. Swale is approximately 10m wide with organic/clay substrate. There are no banks and there was no flow at 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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2023"/>	to <input type="text" value="01 July,2025"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>




**Installation & Removal Notes:**

A minimum 18 inch culvert is required. Cordoroy and/or geotextile will be used.

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 WJL-C34

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>





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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

### Crossing Name: **WJL-C35**

Ownership: **LP**

**Operating Area:** Watjask Lake  
**UTM Northing:** 5726679  
**Stream Type:** Other Watercourse  
**Watercourse Name:** N/A  
**Channel Width (m):** N/A  
**Water Depth (m):** N/A  
**Road Name:** WJL-1K-1A-1A

**Contingency Crossing:**   
**UTM Easting:** 331344  
**Land Description:** SE24-31-29W  
**Crossing Inspection Date:** 29-April-2021  
**Stream Assessment Required:**  
**Stream Assessment Complete:**

### Site Description:

Crossing is an alder swale in a mixed wood stand. Swale is approximately 15m wide with no channel or banks. 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 type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Temporary Crossing:**

to

**Permanent Crossing:**

**Proposed Install Date:**

**Crossing Duration:**  Years

**Remove after Renewal Activities:**

### Installation & Removal Notes:

A minimum 18 inch culvert is required. Cordoroy and/or geotextile will be used.  
 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 WJL-C35



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> <b>WJL-C36</b>		<b>Ownership:</b> <b>LP</b>	
<b>Operating Area:</b>	Watjask Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5727425	<b>UTM Easting:</b>	331614
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW19-31-28W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	29-April-2021
<b>Channel Width (m):</b>	0.3	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.05	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WJL-1K-1A-1A		

**Site Description:**

Crossing is a small alder swale in a mixed wood stand. There is a small channel present which had some 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 type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2023"/>	to <input type="text" value="01 July,2025"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A 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 WJL-C36



Across



Upstream



Downstream



LP Swan Valley  
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 Swan River, MB, R0L 1Z0  
 Phone: 204-734-4102  
 Fax: 204-734-3646

# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> <b>WJL-C37</b>		<b>Ownership:</b> <b>LP</b>	
<b>Operating Area:</b>	Watjask Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5727759	<b>UTM Easting:</b>	331229
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE24-31-29W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	29-April-2021
<b>Channel Width (m):</b>	0.3	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.05	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WJL-1K-1A-1A		

**Site Description:**

Crossing is a small alder swale in a mixed wood stand. There is a small channel present which had some 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 type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2023"/>	to <input type="text" value="01 July,2025"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>




**Installation & Removal Notes:**

A 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 WJL-C37

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

<b>Crossing Name:</b> <b>WJL-C38</b>		<b>Ownership:</b> <b>LP</b>
<b>Operating Area:</b>	Watjask Lake	<b>Contingency Crossing:</b> <input type="checkbox"/>
<b>UTM Northing:</b>	5728727	<b>UTM Easting:</b> 338284
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b> NW26-31-28W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b> 11-May-2021
<b>Channel Width (m):</b>	0.5	<b>Stream Assessment Required:</b>
<b>Water Depth (m):</b>	0.05	<b>Stream Assessment Complete:</b>
<b>Road Name:</b>	WJL-1R-1A	

**Site Description:**

Crossing is a very small alder swale in mixed wood stand. There was no flow at time of inspection. Substrate is organic.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2022"/>	to <input type="text" value="01 July,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>




**Installation & Removal Notes:**

A minimum 12 inch culvert is required. Cordoroy and /or geotextile mayl be used.

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 WJL-C38

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>





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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

<b>Crossing Name:</b> WJL-C39		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Watjask Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5728840	<b>UTM Easting:</b>	338276
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NW26-31-28W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	11-May-2021
<b>Channel Width (m):</b>	0.5	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.05	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WJL-1R-1A		

**Site Description:**

Crossing is a very small alder swale in mixed wood stand. There was no flow at time of inspection. Substrate is organic.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2022"/>	to <input type="text" value="01 July,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A minimum 12 inch culvert is required. Cordoroy and/or geotextile may be used.

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 WJL-C39



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

<b>Crossing Name:</b> <b>WJL-C40</b>		<b>Ownership:</b> <b>LP</b>	
<b>Operating Area:</b>	Watjask Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5729057	<b>UTM Easting:</b>	338055
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE27-31-28W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	11-May-2021
<b>Channel Width (m):</b>	1.0	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.05	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WJL-1R-1A		

**Site Description:**

Crossing is an alder swale in mixed wood stand. Very little flow at time of inspection. 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 type="checkbox"/>
Arch Culvert	<input type="checkbox"/>	<input type="checkbox"/>
Round Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Crossing Lifespan:**

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2022"/>	to <input type="text" value="01 July,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A minimum 18 inch culvert is required. Cordoroy and/or geotextile may be used.

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 WJL-C40



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

### Crossing Name: **WJL-C41**

**Operating Area:** Watjask Lake  
**UTM Northing:** 5729375  
**Stream Type:** Other Watercourse  
**Watercourse Name:** N/A  
**Channel Width (m):** 0.3  
**Water Depth (m):** 0.05  
**Road Name:** WJL-1R-1A

**Ownership:** LP

**Contingency Crossing:**   
**UTM Easting:** 337952  
**Land Description:** NE27-31-28W  
**Crossing Inspection Date:** 11-May-2021  
**Stream Assessment Required:**  
**Stream Assessment Complete:**

### Site Description:

Crossing is a wide sedge run with a small channel. Area has been flooded in the past with new dams upstream. Sedge area is approximately 75 meters wide at crossing location. Low flow at time of inspection. Substrate is organic.

### 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:**

to

**Permanent Crossing:**

**Proposed Install Date:**

**Crossing Duration:**  Years

**Remove after Renewal Activities:**

### 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 24 inch culvert is required. Cordoroy and/or geotextile may be used.

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 WJL-C41

	<p>Across</p>
	<p>Upstream</p>
	<p>Downstream</p>



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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

<b>Crossing Name:</b> WJL-C42		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Watjask Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5729431	<b>UTM Easting:</b>	338097
<b>Stream Type:</b>	Seasonal	<b>Land Description:</b>	SE34-31-28W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	11-May-2021
<b>Channel Width (m):</b>	0.5	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.1	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WJL-1R-1A-1A		

**Site Description:**

Crossing is a stream in mixedwood stand. Stream is in a sedge run which has been flooded in the past. There is approximately 30 meters of sedge at crossing location. Good flow at time of inspection. Substrate is organic.

**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"/>




<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2022"/>	to <input type="text" value="01 July,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<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 24 inch culvert is required. Cordoroy and/or geotextile may be used.  
 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 WJL-C42

 A photograph showing a field of dry, brown grass in the foreground. Patches of snow are visible on the ground, particularly on the left side. In the background, there is a dense forest of tall, thin trees, some evergreen and some deciduous without leaves.	<p>Across</p>
 A photograph of a field with dry, brown grass. The background is a dense forest of tall evergreen trees under a clear blue sky. The field appears to be a clearing or a meadow.	<p>Upstream</p>
 A photograph showing a field with dry, brown grass and some green plants in the foreground. The background is a dense forest of tall evergreen trees. The lighting suggests a bright day.	<p>Downstream</p>





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>WJL-124</b>	<b>Twp &amp; Rge:</b> <b>t31r28w</b>	<b>Cut Block Size:</b> <b>106.5 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	131	23.1	37	61%	139	14,777
BA		20.0	31	1%	2	182
WB		16.9	23	6%	14	1,491
Total HW				68%	154	16,450
WS	119	20.8	34	17%	38	4,052
BS		16.7	23	1%	3	361
JP				0%	0	0
BF		17.0	24	14%	31	3,276
Total SW				32%	72	7,689
<b>Block Total:</b>					<b>227</b>	<b>24,139</b>

Understory Stems/ha and Distribution						
WS		BS		BF		
230	Clumped	4	Clumped	2987	Uniform	
Eco Land Classification			Soils Summary			
V Type			LFH(cm)	S-Type	Moisture	Surface Texture
1st			05	S5	2	Loam
2nd						
3rd						
Eco Site						
33						
Cover Type: N		IBWC Cnt: 0				

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,344  
 SOFTWOOD VOLUME (m3): 1,095

### 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-15	Located on the E side. Variable MFZ to 15m buffer. Flag as shown on map.
2	Wetland	MFZ	Located on the NE side. Structure will be maintained. Flag as shown on map.
3	Wetland	MFZ	Located on the W side. Structure will be maintained. Flag as shown on map.

NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **852** to **1,278** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Approximately 1/4 of this block was harvested in 2018-19. The volumes shown indicate this.  
 Approximately 80% of this block has been harvested. Volumes shown indicate this.  
 This block exceeds the 100 hectare guideline. Topography and leave areas will mitigate any LOS concerns.  
 Maintain a maximum of 20 WDP's approximately 30-70 m from the block edge adjacent to buffers along riparian areas and adjacent to softwood forest types outside the block.  
 Maintain structure on IBWC's located near plots 20 and 18. These are both small alder swales.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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	63000

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

South half of block is being planted, ensure ATV access.

Areas of WS understory >500 stems/ha and <6m in height are located in the SE portion of the block (plots 9 and 15). Clumps of understory will be protected in patches.

Areas of BF understory >500 stems/ha and <6m in height are located throughout the block (19 plots). These area will be harvested with concentrated clumps of BF being maintained.

## 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 10/31/17
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>No concerns.</p>	<p>Ok.</p>
---------------------	------------



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>WJL-125</b>	<b>Twp &amp; Rge:</b> <b>t31r28w</b>	<b>Cut Block Size:</b> <b>98.9 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Backcountry</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	82	22.5	33	59%	134	13,265
BA		20.5	28	5%	10	1,031
WB		17.0	23	3%	8	755
Total HW				67%	152	15,051
WS	98	19.6	29	20%	45	4,426
BS		15.6	20	2%	4	359
JP				0%	0	0
BF	76	18.1	27	12%	28	2,742
Total SW				33%	76	7,527
<b>Block Total:</b>					<b>228</b>	<b>22,578</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
305	Uniform	64	Clumped	1500	Uniform

Eco Land Classification	1st			2nd			3rd		
	Soils Summary								
	LFH(cm)	S-Type	Moisture	Surface Texture					
V Type	08	13	09						
Eco Site	23	42							

Cover Type: N	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 3,463  
 SOFTWOOD VOLUME (m3): 1,739

### 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. Flag as shown on map.
2	Wetland	15-30	Located along W side. Variable 15 to 30m buffer. Flag as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **791** to **1,187** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block borders the backcountry zone. The east boundary will be flagged using GPS to ensure no encroachment into the park. Boundary has been designed to follow natural features where possible.  
 Approximately 3/4 of this block was harvested in 2021/22. Volumes shown indicate this.  
 Maintain a maximum of 19 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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	28080

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Block being planted in dominate softwood sections, ensure ATV access throughout the block.

Area of BS understory >500 stems/ha and <6m in height is located in the E central portion of the block (plot 31). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

Areas of WS understory >500 stems/ha and <6m in height are located in the S and central portions of the block (plots 9,11,17,19 & 27). Clumps of understory will be protected in patches.

Areas of BF understory >500 stems/ha and <6m in height are located throughout the block (Plots 3,5,9,11,13,15,17,19,21,27,29,33 & 37). These areas will be harvested with concentrated clumps of BF being maintained.

## 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 11/16/18
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>One central ATV access for renewal. Review renewal map, possible joint insp for closure.            Require crossing information for WJL-1R.</p>	<p>Agreed. Areas need to be determined at time of harvest based on understory retention.            Will provide this summer (2019) or at work permit.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>WJL-126</b>	<b>Twp &amp; Rge:</b> <b>t31r28w</b>	<b>Cut Block Size:</b> <b>55.8 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	83	23.7	39	46%	88	4,894
BA		22.7	33	5%	10	538
WB		20.4	27	3%	7	364
Total HW				55%	104	5,796
WS	106	21.5	33	25%	47	2,642
BS		14.5	20	2%	3	167
JP				0%	0	0
BF	64	16.4	17	18%	35	1,930
Total SW				45%	85	4,739
<b>Block Total:</b>					<b>189</b>	<b>10,535</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
218	Uniform			1764	Uniform

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	13	09	08	09	S5	2	Clay Loam		
	23	34		10	S6	2	Silt Loam		

Cover Type: <b>N</b>	IBWC Cnt: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **1,580**  
 SOFTWOOD VOLUME (m3): **1,292**

### 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
Lake	MFZ-15 Located on S side. Variable MFZ to 15m buffer. Harvest as shown on map.
Meadow	MFZ Located on the W and N sides. Structure will be maintained. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **446** to **669** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain a maximum of 10 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Approximately 40 ha's of this block was harvested in 2021. The volumes shown indicate this.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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	1800	31680

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2032

### RENEWAL COMMENTS/ISSUES:

Area of WS understory >500 stems/ha and <6m in height is located in the central portion of the block (plot 15). Clumps of understory will be protected in patches.

N part of block being planted, ensure ATV access.

Areas of BF understory >500 stems/ha and <6m in height are located throughout the block (Plots 5,7,9,11,13,15,17 & 19). These areas will be harvested with concentrated clumps of BF being maintained.

## 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 11/16/18
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Require crossing information for area around plots 1 and 3.</p>	<p>The feature is an old road, no crossing will be needed.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WJL-133</b>	<b>Twp &amp; Rge:</b> <b>t31r28w</b>	<b>Cut Block Size:</b> <b>55.0 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	63	22.1	29	47%	141	7,730
BA		24.9	41	18%	53	2,890
WB		19.3	22	4%	11	597
<b>Total HW</b>				<b>68%</b>	<b>204</b>	<b>11,217</b>
WS	75	23.1	38	31%	91	5,030
BS				0%	0	0
JP				0%	0	0
BF		18.0	31	1%	3	178
<b>Total SW</b>				<b>32%</b>	<b>95</b>	<b>5,208</b>
<b>Block Total:</b>					<b>299</b>	<b>16,425</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
200	Uniform			700	Uniform

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	LFH(cm)	S-Type	Moisture	Surface Texture						
	08	13	05	16	S6	2	Silty Clay Loam			
	31									

<b>Cover Type:</b> N	<b>IBWC Cnt:</b> 1
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 10,656  
 SOFTWOOD VOLUME (m3): 4,948

### 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
Flood	MFZ	Located on the W side. Structure will be maintained. Harvest as shown on map.
Stream	15-50	Located on the E/NE side. Variable 15 to 50m buffer. Harvest as shown on map.
Stream	15-100	Stream/wetland complex located on the S side. Variable 15 to 100m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 440 to 660 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain a max of 11 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain existing trail on west side and center of block free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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	28080

Survey Summary		
Type	Series	Year
Plantation Survival	First	2023
Regeneration	First	2032

### RENEWAL COMMENTS/ISSUES:

Top East side of block being planted, ensure ATV access for seedling delivery.

Area of WS understory >500 stems/ha and <6m in height is located in the E portion of the block (plot 14). Clumps of understory will be protected in patches.

Areas of BF understory >500 stems/ha and <6m in height are located in the central and eastern portion of the block (Plots 11, 13, 17 and 19). These areas will be harvested with concentrated clumps of BF being maintained.

## 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

<p>Minimal access to be left for planting. See operating area general comments.</p>	<p>Agreed.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WJL-134</b>	<b>Twp &amp; Rge:</b> <b>t31r28w</b>	<b>Cut Block Size:</b> <b>203.6 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	87	23.3	34	57%	127	25,805
BA		21.8	37	3%	7	1,355
WB		17.8	27	7%	15	3,082
Total HW				67%	149	30,242
WS	118	20.0	31	21%	47	9,595
BS				0%	0	0
JP				0%	0	0
BF	46	17.7	25	12%	27	5,481
Total SW				33%	74	15,076
<b>Block Total:</b>					<b>223</b>	<b>45,318</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
546	Uniform			2261	Uniform

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	LFH(cm)	S-Type	Moisture	Surface Texture						
	08	13	05	12	S5	2	Loam			
	31									

Cover Type: N	IBWC Cnt: 1
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 28,730  
 SOFTWOOD VOLUME (m3): 14,322

### 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
Wetland	30-50	Wetland/stream complex located on the E side. Variable 30 to 50m buffer. Harvest as shown on map.	
Wetland	30-50	Located along the W side. Variable 30 to 50m buffer. Harvest as shown on map.	
Lake	30	Located on the NW side. Harvest as shown on map.	
Other	100	Travertine located on the E side. Harvest as shown on map.	

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **1,629** to **2,443** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain a max of 40 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain existing access that is located in the south portion of the block. Trail accesses bear bait near plot 7. Contact bait holder if posted.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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 checked="" type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2022	Sp	WS	1600	104400

Survey Summary		
Type	Series	Year
Plantation Survival	First	2023
Regeneration	First	2032

### RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are located primarily in the N portion of the block (11 plots as shown on map). Clumps of understory will be protected in patches.

Areas of BF understory >500 stems/ha and <6m in height are located throughout the block (30 plots as shown on map). These areas will be harvested with concentrated clumps of BF being maintained.

Lots of BF, will inspect at harvest to estimate how much WS will be planted in the block.

Would plant North top of block, so ensure ATV access if required.

## 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

<p>Is this block hilly. Long straight road will make LOS requirements difficult to meet.</p> <p>This area has high hunting pressure. Closure between seasons and post-harvest important.</p> <p>Minimal access to be left for planting. See operating area general comments.</p> <p>The buffer on the east side should be increased to 30 to 50m.</p> <p>W to SW buffer should be increased to 30 to 50m buffer.</p> <p>NW Lake buffer should be increased to 30m.</p>	<p>This block has some hills. The BF and WS understory protection patches will assist with LOS requirements. LOS requirements will be met.</p> <p>Agreed. Will ensure road is closed between seasons.</p> <p>Agreed.</p> <p>Agreed.</p> <p>Agreed.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>WJL-138</b>	<b>Twp &amp; Rge:</b> <b>t31r28w</b>	<b>Cut Block Size:</b> <b>69.9 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Backcountry</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	86	22.1	30	82%	249	17,411
BA				0%	0	0
WB		17.5	21	2%	5	344
<b>Total HW</b>				<b>84%</b>	<b>254</b>	<b>17,755</b>
WS	89	19.0	28	16%	49	3,411
BS				0%	0	0
JP				0%	0	0
BF		15.5	32	0%	1	44
<b>Total SW</b>				<b>16%</b>	<b>49</b>	<b>3,455</b>
<b>Block Total:</b>					<b>304</b>	<b>21,210</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
418	Uniform			247	Clumped

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	13	08	10	S5	2	Sandy Clay Loam			
	23	32	04	S5	2	Silt Loam			
			05	S5	5	Loam			

<b>Cover Type:</b> H	<b>IBWC Cnt:</b> 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 16,896  
 SOFTWOOD VOLUME (m3): 3,287

### 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 NE side. Structure will be maintained. Harvest as shown on map.
2	Flood	15	Located along the N side. Harvest as shown on map.
3	Wetland	15	Located on the SW side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **559** to **838** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block borders the backcountry zone. The east and south boundary will be flagged using GPS to ensure no encroachment into the park. Boundary has been designed to follow natural features where possible.  
 Maintain a maximum of 13 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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:

Areas of WS understory >500 stems/ha and <6m in height are located in the S, SE and W portions of the block (plots 3,9,11,15,19 & 31). 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 23 & 31). These areas will be harvested with concentrated clumps of BF being maintained.

## 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 11/16/18
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Discuss increase in structure for wildlife corridor (15-30m). Possible joint inspection.</p> <p>Define drainage feature from NE to SW. Discuss increase(15-30) in structure. Joint insp?</p> <p>Crossing details WJL-1Q-1B.</p>	<p>If it is an old access it does not require a buffer.</p> <p>It appears to be an old access, not a drainage.</p> <p>Will be provided with the work permit application.</p>	<input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> <b>WJL-139</b>	<b>Twp &amp; Rge:</b> <b>t31r28w</b>	<b>Cut Block Size:</b> <b>210.0 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	90	24.2	42	29%	64	13,440
BA		22.9	41	5%	10	2,183
WB		17.6	27	7%	16	3,452
<b>Total HW</b>				<b>41%</b>	<b>91</b>	<b>19,075</b>
WS	100	23.9	38	26%	58	12,180
BS	109	19.5	25	1%	2	333
JP				0%	0	0
BF	78	18.2	23	32%	72	15,109
<b>Total SW</b>				<b>59%</b>	<b>132</b>	<b>27,622</b>
<b>Block Total:</b>					<b>222</b>	<b>46,697</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
398	Uniform			1049	Uniform
Eco Land Classification			Soils Summary		
V Type			LFH(cm)	S-Type	Moisture
1st	2nd	3rd	13	S3	2
Eco Site			Surface Texture		
23			Silt Loam		
Cover Type: M		IBWC Cnt: 2			

### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 18,120  
 SOFTWOOD VOLUME (m3): 26,241

#### 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
Wetland	MFZ-30	Small wetlands located along the W side. Variable MFZ to 30m buffer. Harvest as shown on map.		
Wetland	MFZ-30	Located on the SW side. Variable MFZ to 30m buffer. Harvest as shown on map.		
Ephemeral Drain	45	Located on the E side. Harvest as shown on map.		
Wetland	30	Located on the SE corner. Harvest as shown on map.		
Wetland	30	Located on the N and NE sides. Harvest as shown on map.		

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **1,680** to **2,520** trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Maintain a max of 40 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain structure along IBWC's located near plots 19 and 37. Crossing WJL-C25 is on the IBWC near plot 19.  
 Approximately 55% of the softwood in this block is Balsam Fir (BF). Most of this will not be harvested. This block shows as an M stand but will probably be an N stand when most of the BF is left.  
 This is a large block that is very hilly which will help maintain LOS.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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: M

### RENEWAL ACCESS

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

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2023	Sp	WS	1800	320040

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located throughout the block (22 Plots as shown on map). 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 S and N portions of the block (plots 7,11,13,17,21,23,29,35,39,77 and 87). Clumps of understory will be protected in patches.

Entire block is being planted, ensure ATV access for seedling delivery.

## 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

This block should be cut last on the way out.	Agreed. This block will be harvested after blocks WJL-124, 125, 150 and 152 are harvested.	<input checked="" type="checkbox"/>
This block should be cut last on the way out.	Agreed. This block will be harvested after blocks WJL-124, 125, 150 and 152 are harvested.	<input checked="" type="checkbox"/>
Wetland buffers should be increased to 30m minimum.	Most wetlands increased to 30m or MFZ to 30.	<input checked="" type="checkbox"/>
Minimal access to be left for planting. See operating area general comments.	Agreed.	<input checked="" type="checkbox"/>
Minimal access to be left for planting. See operating area general comments.	Agreed.	<input checked="" type="checkbox"/>
Wetland buffers should be increased to 30m minimum.	Most wetlands increased to 30m.	<input checked="" type="checkbox"/>



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>WJL-150</b>	<b>Twp &amp; Rge:</b> <b>t31r28w</b>	<b>Cut Block Size:</b> <b>38.0 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	89	23.6	35	62%	168	6,377
BA		23.3	37	2%	4	170
WB		15.5	29	1%	4	141
Total HW				65%	176	6,688
WS		21.5	35	29%	79	2,998
BS		16.5	14	1%	1	52
JP				0%	0	0
BF	69	15.9	23	6%	16	619
Total SW				35%	97	3,669
<b>Block Total:</b>					<b>273</b>	<b>10,357</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
250	Uniform	40	Clumped	1420	Uniform

Eco Land Classification	1st			2nd			3rd		
	V Type	08	13	05					
	Eco Site	52							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
04	S5	2	Silty Clay Loam

Cover Type: N	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 6,353  
 SOFTWOOD VOLUME (m3): 3,485

### 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 NE side. Structure will be maintained. Harvest as shown on map.
2	Wetland	30-50	Located on the S side. Variable 30 to 50m buffer. Harvest as shown on map.
3	Wetland	15-30	Located on the W side. Variable 15 to 30m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **304** to **456** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block borders the backcountry zone. The east and south boundary will be flagged using GPS to ensure no encroachment into the park. Boundary has been designed to follow natural features where possible.  
 Maintain a max of 7 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 checked="" type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2022	Sp	WS	1600	38880

Survey Summary		
Type	Series	Year
Plantation Survival	First	2023
Regeneration	First	2032

### RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are located in the central portion of the block (plots 7 and 9). Clumps of understory will be protected in patches.

Areas of BF understory >500 stems/ha and <6m in height are located throughout the block (Plots 5, 11, 13, 15 and 19). These areas will be harvested with concentrated clumps of BF being maintained.

Planting West side of block, ensure ATV access for seedling delivery.

## 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

<p>Only one access is created to the W side. No circle route to be created into WJL-139.</p> <p>Minimal access to be left for planting. See operating area general comments.</p> <p>Buffer on S side should be increased to minimum of 30m.</p>	<p>Access to WJL-150 will probably be through block WJL-139 if dry/frozen harvest. If harvested in winter access could be through WJL-125.</p> <p>Agreed.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>
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Watjask Lake - WJL-150





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>WJL-151</b>	<b>Twp &amp; Rge:</b> <b>t31r28w</b>	<b>Cut Block Size:</b> <b>22.1 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Backcountry</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA		22.1	33	24%	81	1,789
BA		22.5	28	16%	55	1,227
WB				0%	0	0
Total HW				40%	136	3,016
WS	80	21.3	34	44%	150	3,323
BS	125	21.9	24	16%	53	1,176
JP				0%	0	0
BF				0%	0	0
Total SW				60%	203	4,499
<b>Block Total:</b>					<b>340</b>	<b>7,515</b>

Understory Stems/ha and Distribution							
WS		BS		BF			
350	Uniform			67	Clumped		
Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	08	05	13	08	S5	2	Silty Clay Loam
Eco Site	36						
Cover Type:	M		IBWC Cnt:	0			

## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **2,865**  
 SOFTWOOD VOLUME (m3): **4,273**

### 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	30-50	Located on the W and S sides. Variable 30 to 50m buffer. Harvest as shown on map.
2	Wetland	15	Wetland/stream complex located on the N side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **177** to **265** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block borders the backcountry zone. The east and south boundary will be flagged using GPS to ensure no encroachment into the park. Boundary has been designed to follow natural features where possible.  
 Maintain a max of 4 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2022 - Contingency

<b>Cut Block Name:</b> <b>WJL-152</b>	<b>Twp &amp; Rge:</b> <b>t31r28w</b>	<b>Cut Block Size:</b> <b>59.8 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b> <b>Backcountry</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	111	26.4	38	59%	155	9,244
BA				0%	0	0
WB				0%	0	0
Total HW				59%	155	9,244
WS	103	20.1	35	36%	95	5,670
BS	86	16.8	16	4%	10	597
JP				0%	0	0
BF		17.5	26	1%	2	104
Total SW				41%	107	6,371
<b>Block Total:</b>					<b>261</b>	<b>15,615</b>

Understory Stems/ha and Distribution							
WS		BS		BF			
640	Uniform	10	Clumped	230	Uniform		
Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	13	08	30	14	S6	2	Silty Clay
	Eco Site			31			
Cover Type: N		IBWC Cnt: 1					

### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 8,781  
 SOFTWOOD VOLUME (m3): 6,052

#### 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-30	Located on the N to NE sides. Variable MFZ to 50m buffer. Large riparian area. Harvest as shown on map.
Lake	15-75	Lake/wetland complex located on the SW side. Variable 15 to 75m buffer. Harvest as shown on map.
Lake	15-100	Located on the NW side. Variable 15 to 100m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **478** to **717** trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

This block borders the backcountry zone. The east and south boundary will be flagged using GPS to ensure no encroachment into the park. Boundary has been designed to follow natural features where possible.  
 Maintain a max of 11 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain structure along IBWC located between plots 12 and 13. Small flooded drain.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Contingency

## 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 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	27720

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are located in the S portion of the block (plots 3, 5, 7, 15, 17 and 19). Clumps of understory will be protected in patches.

Area of BF understory >500 stems/ha and <6m in height is located in the S portion of the block (Plot 3). This area will be harvested with concentrated clumps of BF being maintained.

Ensure ATV access to North side of biggest island of the block.

## 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

<p>Wetland buffers should be increased to 30m minimum.</p>	<p>Will leave buffers as drawn. All wetlands have large riparian areas and most have at least a 15m buffer.</p>	<input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>WJL-200</b>	<b>Twp &amp; Rge:</b> <b>t31r29w</b>	<b>Cut Block Size:</b> <b>89.8 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>320572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	67	24.8	44	55%	121	10,839
BA	67	22.3	39	10%	22	1,952
WB		14.9	29	4%	9	817
Total HW				69%	152	13,608
WS	101	19.5	34	19%	41	3,682
BS	126	21.0	27	10%	21	1,899
JP				0%	0	0
BF		18.3	27	3%	6	500
Total SW				31%	68	6,081
<b>Block Total:</b>					<b>219</b>	<b>19,689</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
190	Uniform	5	Clumped	510	Clumped

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	05	08	01	33	LFH(cm)	S-Type	Moisture	Surface Texture		
	11	S6	2	Silt						

Cover Type: N	IBWC Cnt: 3
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 12,927  
 SOFTWOOD VOLUME (m3): 5,777

### 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 SE side. Structure will be maintained. Harvest as shown on map.
2	Wetland	30	Located on the SW side. Harvest as shown on map.
3	Lake	15	Watts Lake located on the N side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **718** to **1,078** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain a max of 17 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain structure along IBWC's located near plots 19 and 9.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>WJL-201</b>	<b>Twp &amp; Rge:</b> <b>t31r29w</b>	<b>Cut Block Size:</b> <b>112.0 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	86	24.6	42	49%	115	12,926
BA	97	21.8	45	9%	22	2,437
WB		17.1	31	6%	15	1,664
Total HW				65%	152	17,027
WS	100	21.4	37	29%	69	7,703
BS		18.5	26	0%	1	69
JP				0%	0	0
BF		18.7	28	5%	13	1,438
Total SW				35%	82	9,210
<b>Block Total:</b>					<b>234</b>	<b>26,237</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
319	Uniform	12	Clumped	365	Uniform

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	08	05	13	07	S6	2	Loam		
	32								

Cover Type: N	IBWC Cnt: 2
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 16,175  
 SOFTWOOD VOLUME (m3): 8,750

### 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
Lake	30	Watjask Lake located on the S side. Harvest as shown on map.
Wetland	30	Located on the NE side. Harvest as shown on map.
Wetland	15-75	Wetland/lake complex located on the SE side. Variable 15 to 75m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **896** to **1,344** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain a max of 22 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain structure along IBWC's located near plots 27 and 24. These features are crossings WJL-C29 and C30.







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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2023 - Contingency

<b>Cut Block Name:</b> <b>WJL-202</b>	<b>Twp &amp; Rge:</b> <b>t31r28w</b>	<b>Cut Block Size:</b> <b>99.5 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	93	24.1	37	61%	158	15,704
BA		17.3	25	1%	2	239
WB		18.5	28	3%	8	824
Total HW				65%	169	16,767
WS	99	20.8	31	24%	63	6,221
BS	132	18.9	19	11%	28	2,791
JP				0%	0	0
BF				0%	0	0
Total SW				35%	91	9,012
<b>Block Total:</b>					<b>259</b>	<b>25,779</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
400	Uniform	35	Clumped	252	Clumped

Eco Land Classification	1st			2nd			3rd		
	V Type	08	13	30					
	Eco Site	21							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
03	S1	2	Loamy Sand

Cover Type: N	IBWC Cnt: 2
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 15,929  
 SOFTWOOD VOLUME (m3): 8,561

#### 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
Lake	MFZ-30	Flat Lake and wetland located along the N side. Variable MFZ to 30m buffer. Large riparian area. Harvest as shown on map.
Lake	30	Flat Lake located on the NE corner. Harvest as shown on map.
Wetland	15-50	Wetland complex located along the E side. Variable 15 to 50m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **796** to **1,194** trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Maintain a max of 19 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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
2024	Sp	BS	1600	8280
2024	Sp	WS	1600	33840

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Regeneration	First	2034

### RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are located throughout the block (plots 11, 13, 19, 25, 27, 29 and 31). Clumps of understory will be protected in patches.

Areas of BF understory >500 stems/ha and <6m in height are located in the central portion of the block (Plots 9, 13, 15 and 17). These areas will be harvested with concentrated clumps of BF being maintained.

Area of BS understory >500 stems/ha is located in the NW portion of the block (plot 33). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

Planting middle of block, 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

<p>Minimal access to be left for planting. See operating area general comments.</p> <p>Minimum of 30m on wetlands.</p>	<p>Agreed.</p> <p>Changed wetland complex on E side to 15-50m buffer.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2023 - Contingency

<b>Cut Block Name:</b> <b>WJL-203</b>	<b>Twp &amp; Rge:</b> <b>t31r29w</b>	<b>Cut Block Size:</b> <b>75.0 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	91	25.1	40	64%	160	11,972
BA		24.3	45	6%	15	1,090
WB		13.2	37	1%	1	100
Total HW				70%	175	13,162
WS	100	19.8	32	17%	43	3,234
BS	94	18.8	24	10%	25	1,842
JP				0%	0	0
BF		22.5	33	2%	6	436
Total SW				30%	73	5,512
<b>Block Total:</b>					<b>249</b>	<b>18,674</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
205	Uniform	32	Clumped	353	Uniform

Eco Land Classification	1st			2nd			3rd		
	V Type	08	13	05					
	Eco Site	23							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
12	S6	2	Sandy Clay

Cover Type: N	IBWC Cnt: 1
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 12,504  
 SOFTWOOD VOLUME (m3): 5,237

#### 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-15	Located on the NW side. Variable MFZ to 15m buffer. Harvest as shown on map.
Lake	30-100	Located on the SW and S sides. Variable 15 to 100m buffer. Harvest as shown on map.
Wetland	15-50	Located on the E side. Variable 15 to 50m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **600** to **900** trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Area of blowdown near plot 30 in the NW portion of the block. Merchantable trees will be salvaged if feasible.  
 Maintain a max of 15 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Maintain structure on IBWC's located near plot 15 and along crossing WJL-C35 feature.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

## FML 3 2023 - Contingency

<b>Cut Block Name:</b> <b>WJL-204</b>	<b>Twp &amp; Rge:</b> <b>t31r29w</b>	<b>Cut Block Size:</b> <b>100.1 ha</b>
<b>OPERATING AREA:</b> <b>Watjask Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>330572</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

### PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	85	23.0	38	51%	126	12,641
BA		21.7	34	5%	12	1,208
WB		17.2	28	3%	7	656
Total HW				58%	145	14,505
WS	101	20.8	32	39%	97	9,681
BS	98	18.0	25	2%	6	618
JP				0%	0	0
BF		21.0	46	0%	1	79
Total SW				42%	104	10,378
<b>Block Total:</b>					<b>249</b>	<b>24,883</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
387	Uniform	126	Clumped	161	Clumped

Eco Land Classification	1st			2nd			3rd		
	V Type	08	13	05					
	Eco Site	31							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
7	S6	2	Silty Clay Loam

Cover Type: N	IBWC Cnt: 2
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### HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 13,779  
 SOFTWOOD VOLUME (m3): 9,859

#### 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
Wetland	MFZ-15	Located on the SW side. Variable MFZ to 15m buffer. Harvest as shown on map.	
Wetland	MFZ-15	Located on the NW side. Variable MFZ to 15m buffer. Harvest as shown on map.	
Flood	15-50	Located on the NE side. Variable 15 to 50m buffer. Harvest as shown on map.	
Wetland	15-50	Located on the N side. Variable 15 to 50m buffer. Harvest as shown on map.	

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **801** to **1,201** trees.

**SEVERE EROSION RISK POTENTIAL:**

#### HARVEST COMMENTS/ISSUES:

Maintain a max of 20 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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
2024	Sp	WS	1600	55800

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Regeneration	First	2034

### RENEWAL COMMENTS/ISSUES:

Areas of BF understory >500 stems/ha and <6m in height are located in the central portion of the block (Plots 17 and 33). 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 throughout the block (plots 1, 17, 25, 29, 31, 37 and 43). Clumps of understory will be protected in patches.

Areas of BS understory >500 stems/ha are located in the N portion of the block (plots 35 and 43). Merchantable trees will be harvested and unmerchantable trees will be left unharvested in patches.

Front of block being planted, 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

<p>Wetland on N and E sides to increase to 30m minimum.</p> <p>Minimal access to be left for planting. See operating area general comments.</p>	<p>Changed wetland complex on N and E sides to 15-50m buffer.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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**LP Swan Valley**  
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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML  
 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 10

### Weiden

<b>WDN-L09</b>	16.11 Hectares		2023 Harvest
HW Allocation	1,713 m3	LP	
SW Allocation	0 m3	SPL	
<b>WDN-L10</b>	6.42 Hectares		2023 Harvest
HW Allocation	724 m3	LP	
SW Allocation	0 m3	SPL	
<b>WDN-L11</b>	15.34 Hectares		2023 Harvest
HW Allocation	2,387 m3	LP	
SW Allocation	0 m3	SPL	
<b>WDN-L12</b>	15.98 Hectares		2023 Harvest
HW Allocation	1,702 m3	LP	
SW Allocation	0 m3	SPL	
<b>WDN-L13</b>	2.08 Hectares		2023 Harvest
HW Allocation	265 m3	LP	
SW Allocation	0 m3	SPL	
<b>WDN-L14</b>	15.02 Hectares		2023 Harvest
HW Allocation	1,991 m3	LP	
SW Allocation	0 m3	SPL	
<b>WDN-L15</b>	16.24 Hectares		2023 Harvest
HW Allocation	1,702 m3	LP	
SW Allocation	0 m3	SPL	
<b>WDN-L16</b>	20.38 Hectares		2023 Harvest
HW Allocation	1,205 m3	LP	
SW Allocation	0 m3	SPL	
<b>WDN-L17</b>	5.19 Hectares		2023 Harvest
HW Allocation	783 m3	LP	
SW Allocation	0 m3	SPL	
<b>WDN-L18</b>	11.76 Hectares		2023 Harvest
HW Allocation	1,113 m3	LP	
SW Allocation	0 m3	SPL	
<b>WDN-L19</b>	16.16 Hectares		2023 Harvest
HW Allocation	1,046 m3	LP	
SW Allocation	0 m3	SPL	
<b>WDN-L20</b>	11.21 Hectares		2023 Harvest
HW Allocation	504 m3	LP	
SW Allocation	0 m3	SPL	







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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 10

### Weiden

<b>WDN-L21</b>	16.77 Hectares	2023 Harvest
HW Allocation	1,766 m3	LP
SW Allocation	0 m3	SPL
<b>WDN-L22</b>	7.96 Hectares	2023 Harvest
HW Allocation	654 m3	LP
SW Allocation	0 m3	SPL



# Weiden Operating Area

Waterhen - Long Island Bay Proposed Wildlife Management Area

Sclater (SLT)

Garland (GRL)

Weiden (WDN)

Manipogo Provincial Park  
Recreational Development

WDN-L22  
WDN-L21  
WDN-L18  
WDN-L10  
WDN-L09

WDN-L20  
WDN-L19  
WDN-L17  
WDN-L15  
WDN-L16  
WDN-L12

WDN-L11  
WDN-L13  
WDN-L14






Weiden Wildlife  
Management Area

Ethelbert (ETH)






Dauphin (DPH)

## Legend

### Proposed Crossings

-  Proposed Bridge
-  Proposed Crossing, Other
-  Proposed Crossing, Stream
-  Proposed Culvert, Other
-  Proposed Culvert, Stream

### Harvest Areas

-  2022 - Harvest
-  2022 - Contingency
-  2023 - Harvest
-  2023 - Contingency
-  2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.





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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L09</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>16.1 ha</b>
<b>OPERATING AREA :</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## 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
<b>Total HW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **1,713**  
 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 **129** to **193** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is on SW18-29-27 leased to Peter and Steve Procyshyn. The code is A/C/UT/6b. Allowable development 16.2 ha. This block meets the code.  
 The stand/volume information provided is from similar blocks in this area. The average volume is 112m3/ha of hardwood and 0m3/ha softwood. The most common V type is 05 which is a hardwood site.  
 Keep debris off hydro line located along N side.  
 All topping and limbing will be done at the landing.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 **10/31/14**
- 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L10</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>6.4 ha</b>
<b>OPERATING AREA:</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	62	14.1	23	92%	110	703
BA		11.7	14	8%	9	59
WB				0%	0	0
<b>Total HW</b>				<b>100%</b>	<b>119</b>	<b>762</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>119</b>	<b>762</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
<b>Eco Land Classification</b>			<b>Soils Summary</b>		
	1st	2nd	3rd	LFH(cm)	S-Type
V Type	05			05	S6
Eco Site	32			Moisture	2
				Surface Texture	Clay Loam
<b>Cover Type:</b> H		<b>IBWC Cnt:</b> 0			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 724  
 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 51 to 77 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel and willow are present in the block.  
 This block has relatively flat topography.  
 This block is on SW18-29-27 leased to Peter and Steve Procyshyn. The code is A/C/UT/6b. Allowable development 16.2 ha. This block is above the code if block WDN-L09 is harvested. Block WDN-L09 meets the code.  
 Keep debris off hydro line on the S side of the block.

Weiden



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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	2028

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/31/14**
- 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L11</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>15.3 ha</b>
<b>OPERATING AREA:</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	38	16.3	21	99%	162	2,487
BA		16.0	20	1%	2	26
WB				0%	0	0
<b>Total HW</b>				<b>100%</b>	<b>164</b>	<b>2,513</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>164</b>	<b>2,513</b>

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			04	S5	2	Silty Clay Loam
Eco Site	22						

Cover Type: H	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,387  
 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 123 to 184 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block is on SW18-29-27 leased to Peter and Steve Procyshyn. The code is A/C/UT/6b. Allowable development 16.2 ha. This block is above the code if block WDN-L09 is harvested. Block WDN-L09 meets the code.  
 Beaked hazel, rose and blue-joint grass are present in this block.  
 This block has relatively flat topography.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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	2028

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/31/14**
- 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L12</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>16.0 ha</b>
<b>OPERATING AREA :</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## 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
<b>Total HW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **1,702**  
 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 **128** to **192** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

The stand/volume information provided is from similar blocks in this area. The average volume is 112m3/ha of hardwood and 0m3/ha softwood. The most common V type is 05 which is a hardwood site.

This block is on SE18-29-27 leased to Peter and Steve Procyshyn. The code is A/C/6b. Allowable development 16.2 ha. This block is below the code.

Topping and limbing will be done at the landing.

Weiden



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 **10/31/14**
- 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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Weiden - WDN-L12



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L13</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>2.1 ha</b>
<b>OPERATING AREA :</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	64	16.9	22	100%	139	289
BA				0%	0	0
WB				0%	0	0
<b>Total HW</b>				<b>100%</b>	<b>139</b>	<b>289</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>139</b>	<b>289</b>

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): 265  
 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 17 to 25 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block.  
 This block has relatively flat topography.  
 This block is on SE18-29-27 leased to Peter and Steve Procyshyn. The code is A/C/6b. Allowable development 16.2 ha. This block is above the code if block WDN-L12 is harvested.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 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 **10/31/14**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

No Concerns.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L14</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>15.0 ha</b>
<b>OPERATING AREA :</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	60	16.1	22	93%	130	1,954
BA		14.5	20	7%	9	142
WB				0%	0	0
<b>Total HW</b>				<b>100%</b>	<b>140</b>	<b>2,096</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>140</b>	<b>2,096</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
<b>Eco Land Classification</b>					
		1st	2nd	3rd	
<b>V Type</b>		05			
<b>Eco Site</b>		32			
<b>Cover Type:</b> H		<b>IBWC Cnt:</b> 0			

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
06	S6	2	Silty Clay Loam

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,991  
 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 120 to 180 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block.  
 This block has relatively flat topography.  
 This block is on SE18-29-27 leased to Peter and Steve Procyshyn. The code is A/C/6b. Allowable development 16.2 ha. This block is above the code if block WDN-L12 is harvested.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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	2028

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/31/14**
- 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L15</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>16.2 ha</b>
<b>OPERATING AREA:</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## 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
<b>Total HW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): **1,702**  
 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	Wetland	30	Located on N side. Variable 30 to 75m buffer. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **130** to **195** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

The stand/volume information provided is from similar blocks in this area. The average volume is 112m3/ha of hardwood and 0m3/ha softwood. The most common V type is 05 which is a hardwood site.  
 This block is on NE18-29-27 leased to Peter and Steve Procyshyn. The code is A/C/UT/6b. Allowable development 16.2 ha. This block meets the code.  
 Keep debris off hydro line located along S side.  
 All topping and limbing will be done at the stump.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 **10/31/14**
- 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L16</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>20.4 ha</b>
<b>OPERATING AREA:</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	65	14.6	21	91%	93	1,903
BA	60	13.8	19	9%	9	189
WB				0%	0	0
<b>Total HW</b>				<b>100%</b>	<b>103</b>	<b>2,092</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>103</b>	<b>2,092</b>

Understory Stems/ha and Distribution						
WS		BS		BF		
<b>Eco Land Classification</b>				<b>Soils Summary</b>		
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture
V Type	05			07	S5	2
Eco Site	32			Silty Clay Loam		
<b>Cover Type:</b> H		<b>IBWC Cnt:</b> 0				

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,205  
 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 **163** to **245** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block.  
 This block has relatively flat topography.  
 This block is on NE18-29-27 leased to Peter and Steve Procyshyn. The code is A/C/UT/6b. Allowable development 16.2 ha. This block is above the code if block WDN-L15 is harvested.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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	2028

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/31/14**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Consider extending harvest block N to hydro line.</p>	<p>Agreed.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L17</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>5.2 ha</b>
<b>OPERATING AREA :</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	66	15.7	24	100%	156	811
BA				0%	0	0
WB				0%	0	0
<b>Total HW</b>				100%	156	811
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>156</b>	<b>811</b>

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			04	S2	1	Loamy Sand
Eco Site	11						

Cover Type: <b>H</b>	IBWC Cnt: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **783**  
 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

1	Wetland	30	Located on W side. Harvest as shown on map.
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NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **42 to 62** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block.  
 This block has relatively flat topography.  
 This block is on SE19-29-27 leased to Peter and Steve Procyshyn. The code is A/B/C/D/6b. Allowable development 16.2 ha. This block is above the code if block WDN-L19 is harvested.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 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 **10/31/14**
- 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L18</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>11.8 ha</b>
<b>OPERATING AREA:</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	56	16.8	20	95%	94	1,102
BA	41	16.0	16	5%	5	64
WB				0%	0	0
<b>Total HW</b>				<b>100%</b>	<b>99</b>	<b>1,166</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>99</b>	<b>1,166</b>

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			08			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): 1,113  
 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	Wetland	30	Located on E side. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 94 to 141 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block.  
 This block has relatively flat topography.  
 This block is on SE19-29-27 leased to Peter and Steve Procyshyn. The code is A/B/C/D/6b. Allowable development 16.2 ha. This block is above the code if block WDN-L19 is harvested.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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	2028

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/31/14**
- 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L19</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>16.2 ha</b>
<b>OPERATING AREA :</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	63	14.6	21	95%	65	1,050
BA		18.0	22	3%	2	32
WB		15.0	28	2%	1	20
<b>Total HW</b>				<b>100%</b>	<b>68</b>	<b>1,102</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>68</b>	<b>1,102</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
<b>Eco Land Classification</b>					
		1st	2nd	3rd	
<b>V Type</b>		05			
<b>Eco Site</b>		32			
<b>Cover Type:</b> H		<b>IBWC Cnt:</b> 0			

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
04	S5	2	Silt Loam

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 1,046  
 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 129 to 194 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block.  
 This block has relatively flat topography.  
 This block is on SE19-29-27 leased to Peter and Steve Procyshyn. The code is A/B/C/D/6b. Allowable development 16.2 ha. This block meets the code.  
 All topping and limbing will be done at the landing.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 **10/31/14**
- 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L20</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>11.2 ha</b>
<b>OPERATING AREA:</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	65	12.5	19	91%	43	479
BA				0%	0	0
WB		11.8	17	9%	4	50
<b>Total HW</b>				<b>100%</b>	<b>47</b>	<b>529</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>47</b>	<b>529</b>

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): 504  
 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 **90** to **135** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block.  
 This block has relatively flat topography.  
 This block is on NE19-29-27 leased to Peter and Steve Procyshyn. The code is A/B/C/D/8a. No development is allowed.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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	2028

### RENEWAL COMMENTS/ISSUES:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on **10/31/14**
- 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L21</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>16.8 ha</b>
<b>OPERATING AREA:</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## 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
<b>Total HW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **1,766**  
 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 **134** to **201** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

The stand/volume information provided is from similar blocks in this area. The average volume is 112m3/ha of hardwood and 0m3/ha softwood. The most common V type is 05 which is a hardwood site. This block will be surveyed in 2014.  
 This block is on NE19-29-27 leased to Peter and Steve Procyshyn. The code is A/B/C/D/8a. No development is allowed.  
 All topping and limbing will be done at the landing.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 **10/31/14**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>No development. Topping and limbing at the stump.</p>	<p>Agreed. Can waive with a grazing plan.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WDN-L22</b>	<b>Twp &amp; Rge:</b> <b>t29r17w</b>	<b>Cut Block Size:</b> <b>8.0 ha</b>
<b>OPERATING AREA:</b> <b>Weiden</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>440570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>10</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	55	15.2	20	95%	84	666
BA		13.0	16	5%	4	35
WB				0%	0	0
<b>Total HW</b>				<b>100%</b>	<b>88</b>	<b>701</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>88</b>	<b>701</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
<b>Eco Land Classification</b>			<b>Soils Summary</b>		
			1st	2nd	3rd
<b>V Type</b>			LFH(cm)   S-Type   Moisture   Surface Texture		
			05		
<b>Eco Site</b>			05	S6	2
			Silty Clay		
<b>Cover Type:</b> H		<b>IBWC Cnt:</b> 0			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 654  
 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 64 to 96 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Beaked hazel is present throughout the block.  
 This block has relatively flat topography.  
 This block is on NE19-29-27 leased to Peter and Steve Procyshyn. The code is A/B/C/D/8a. No development is allowed.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 **10/31/14**
- ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

No Concerns.





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## Integrated Operations by Operating Area

**Plan(s):** FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

### FMU 13

### West Favel

<b>WEF-042</b>	86.53 Hectares		2022 Harvest
HW Allocation	13,077 m3	LP	
SW Allocation	2,086 m3	SPL	
<b>WEF-043</b>	95.51 Hectares		2022 Harvest
HW Allocation	8,782 m3	LP	
SW Allocation	4,908 m3	SPL	
<b>WEF-046</b>	29.78 Hectares		2022 Harvest
HW Allocation	4,471 m3	LP	
SW Allocation	268 m3	SPL	
<b>WEF-047</b>	18.43 Hectares		2023 Contingency
HW Allocation	4,518 m3	LP	
SW Allocation	1,165 m3	SPL	
<b>WEF-048</b>	6.92 Hectares		2022 Harvest
HW Allocation	1,549 m3	LP	
SW Allocation	0 m3	SPL	
<b>WEF-060</b>	135.62 Hectares		2023 Contingency
HW Allocation	17,266 m3	LP	
SW Allocation	4,451 m3	SPL	
<b>WEF-061</b>	22.70 Hectares		2023 Contingency
HW Allocation	2,570 m3	LP	
SW Allocation	663 m3	SPL	
<b>WEF-062</b>	18.21 Hectares		2023 Contingency
HW Allocation	2,331 m3	LP	
SW Allocation	601 m3	SPL	
<b>WEF-063</b>	39.88 Hectares		2023 Contingency
HW Allocation	5,105 m3	LP	
SW Allocation	1,316 m3	SPL	
<b>WEF-064</b>	48.60 Hectares		2023 Contingency
HW Allocation	6,221 m3	LP	
SW Allocation	1,604 m3	SPL	
<b>WEF-065</b>	86.18 Hectares		2023 Contingency
HW Allocation	11,031 m3	LP	
SW Allocation	2,844 m3	SPL	



# West Favel Operating Area

Renwer (RWR)

Cryderman's Pit (CRP)

Mintonas Creek (MNC)

East Favel (EAF)

West Favel (WEF)

Route W (RTW)

Duck Mountain Provincial Park Backcountry

Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.

WEF-048  
WEF-061  
WEF-063  
WEF-062

WEF-065

WEF-064

WEF-042

WEF-046

WEF-059

WEF-047

WEF-031

WEF-103

WEF-049

WEF-036

WEF-101

WEF-035

WEF-060

WEF-104

WEF-044

WEF-045

WEF-054

WEF-056

WEF-057

WEF-072

WEF-002

WEF-800

WEF-004

WEF-003

WEF-011

WEF-807

WEF-052

WEF-064

WEF-058



# Roads

# West Favel

## WEF-3J-1A (existing)

### Additional Road Development Comments

This road is part of the access to blocks WEF-042, 043, 046, 047, 048, 060, 063 and 064.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.0	15	6	Frozen	15

### 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	A berm will be placed at the start of the road.

## WEF-3J-1A-1A (existing)

### Additional Road Development Comments

This road accesses block WEF-043 and future blocks to the east.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.6	15	6	Frozen	5

### 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This road will remain open for future harvest.

## WEF-3J-1B

### Additional Road Development Comments

This road accesses blocks WEF-042 and 048 and is part of the access to block 046.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.4	15	6	Frozen	5

### 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This road will remain open for future harvest.

**WEF-3J-1C**

**Additional Road Development Comments**

This road accesses block WEF-046.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
1.0	15	6	Frozen	5

**Road Deactivation:**

Road Closure Responsibility	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
Post-Harvest	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	This road will remain open for future harvest.
Post-Renewal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**WEF-3K and 3L (existing)**

**Additional Road Development Comments**

These roads are part of the access to blocks WEF-042, 043, 046 and 048.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
2.3	15	6	Frozen	25

**Road Deactivation:**

Road Closure Responsibility	Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	These roads will remain open for future harvest.
Post-Harvest	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Post-Renewal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> WEF-042	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 86.5 ha
<b>OPERATING AREA:</b> West Favel	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Backcountry

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	80	22.9	34	81%	150	12,991
BA		23.5	33	3%	6	551
WB		18.0	27	1%	3	223
<b>Total HW</b>				86%	159	13,765
WS	85	18.0	29	11%	21	1,828
BS				0%	0	0
JP	82	19.7	25	2%	4	368
BF				0%	0	0
<b>Total SW</b>				14%	25	2,196
<b>Block Total:</b>					<b>184</b>	<b>15,961</b>

Understory Stems/ha and Distribution			
WS	BS	BF	
53	Clumped		

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	08	05		14	S3	2	Loam		
	23	22		12	S5	2	Silt Loam		
				05	S10	5	Silt		

<b>Cover Type:</b> H	<b>IBWC Cnt:</b> 3
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 13,077  
 SOFTWOOD VOLUME (m3): 2,086

### 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
Wetland	MFZ-30	Located on E side. Variable MFZ to 30m buffer. Harvest as shown on map.	
Wetland	MFZ-30	Located on NW side. Variable MFZ to 30m buffer. Harvest as shown on map.	
Wetland	MFZ	Located on N side. Wetland has expanded. Harvest as shown on map.	
Wetland	MFZ	Located on SW side. Structure will be maintained. Harvest as shown on map.	

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 692 to 1,038 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Park boundary will be located with GPS to ensure no encroachment into Back Country zone. Block design follows natural boundaries along park boundary.  
 Block has been edited since mitigation and approximately 5 ha's has been added to the block.  
 Construct some WLDP's near softwood areas. Most softwood is located near PHS plots 22, 27, 34, 35 and 36.  
 Maintain structure along IBWC's located near plots 7, 5 and 4.  
 Maintain some WS seed trees in harvest area. Harvest mature WS and leave younger WS as seed trees.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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	2028

### RENEWAL COMMENTS/ISSUES:

Area of WS understory >500 stems/ha and <6m in height located in the E portion of the block (plot 9). Clumps of understory will be protected in patches.

## 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>No crossing of IBWC near plot 19, no connection to RTW near plot 39.          Discuss road location and park boundary on the SW side.          Maintain WS seed trees.          Would like WLDP near softwood areas.</p>	<p>Is more feasible to put a trail across at 19 rather than a turn around to the south. Agreed on the no connection by plot 39.          There are 3 drains in this area so it is easier to just drop the area.          Agreed. Larger trees will be taken but younger WS can be left.          Agreed will add to comments.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> WEF-043	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 95.5 ha
<b>OPERATING AREA:</b> West Favel	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	82	22.6	38	51%	82	7,866
BA	70	18.9	30	10%	17	1,614
WB		16.5	23	2%	3	321
<b>Total HW</b>				63%	103	9,801
WS	95	21.1	42	14%	22	2,132
BS	89	17.3	21	23%	37	3,519
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				37%	59	5,651
<b>Block Total:</b>					<b>162</b>	<b>15,452</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
76	Clumped				

Eco Land Classification	Soils Summary		
	1st	2nd	3rd
V Type	08	05	18
Eco Site	31	22	23

LFH(cm)	S-Type	Moisture	Surface Texture
08	S10	5	Clay Loam
06	S3	2	Loam
06	S3	2	Silt Loam

Cover Type: N	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 8,782  
 SOFTWOOD VOLUME (m3): 4,908

### 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-100	Located on the E side. Variable MFZ to 100m buffer. Harvest as shown on map.
2	Wetland	MFZ	Located on the NW and SW sides. Structure will be maintained. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 764 to 1,146 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

This block has patches of blow down on the south side. Merchantable trees will be salvaged where feasible. There is also a large patch of blow down on the north side which has been removed from the block.  
 Maintain a maximum of 17 WDP approximately 30-70m from the block edge, and near riparian areas and/or adjacent softwood stands where possible.  
 Keep designated Route W/Snowman skidoo trail located on the S side free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 checked="" type="checkbox"/>	HELICOPTER
<input type="checkbox"/>	TRUCK

Siteprep Summary			
Year	Action	Area (ha)	Alternate

Planting Summary				
Year	Season	Species	Density	Total
2023	Sp	BS	1600	8280
2023	Sp	WS	1600	5400

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

ATV access for tree plant, plus some large areas of no debris on the road for helicopter landings.

Area of WS understory >500 stems/ha and <6m in height located in the S central portion of the block (plot 3). Clumps of understory will be protected in patches.

## 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 11/16/18
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>Discuss dropping area around 29,32,33 and adding area around 28 and 32.</p> <p>One central ATV access for renewal.</p>	<p>The area in between in blowdown. Would prefer to cut this areas as it was part of the original block. The blowdown area was removed from the block. Spurs will be needed into the island stands and peninsula's in the block.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> WEF-046	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 29.8 ha
<b>OPERATING AREA:</b> West Favel	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	82	22.2	34	67%	113	3,359
BA		22.3	36	13%	22	664
WB		12.8	25	14%	23	683
Total HW				94%	158	4,706
WS	79	13.0	28	3%	4	129
BS				0%	0	0
JP	90	23.5	28	3%	5	153
BF				0%	0	0
Total SW				6%	9	282
<b>Block Total:</b>					<b>167</b>	<b>4,988</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
60	Clumped			40	Clumped

Eco Land Classification	1st			2nd			3rd			
	V Type			Eco Site			Soils Summary			
	LFH(cm)	S-Type	Moisture	Surface Texture						
	05	01	08	21	06	S5	2	Silt Loam		

Cover Type: H	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,471  
 SOFTWOOD VOLUME (m3): 268

### 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 NE side. Structure will be maintained. Harvest as shown on map.
2	Lake	100	Little Bobs Lake located on the E side. 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:

Block has been edited since mitigation and approximately 1.3 ha's has been added.  
 Keep designated Route W/Snowman skidoo trail located on the NW side free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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	2028

### 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>Discuss area E of plots 1 and 2 for harvest.</p> <p>Retain all WS.</p>	<p>More area can be added but some may not be harvested depending on a site visit.</p> <p>Large or overmature WS may need to be harvested but the younger trees can be left as seed trees.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>WEF-047</b>	<b>Twp &amp; Rge:</b> <b>t33r26w</b>	<b>Cut Block Size:</b> <b>18.4 ha</b>
<b>OPERATING AREA :</b> <b>West Favel</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>350574</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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:		IBWC Cnt: <b>0</b>			

## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **4,518**  
 SOFTWOOD VOLUME (m3): **1,165**

### 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	Trail	MFZ	Route W located on the N side. Harvest as shown on map.
2	Wetland	MFZ	Located in the center of block (block in 2 sections). Structure will be maintained. Harvest as shown on map.
3	Wetland	15-50	Located on the W side. Variable 15 to 50m buffer. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **147** to **221** 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 equipment and debris off Route W (Snowman Trail) located on the north side of the block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> WEF-048	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 6.9 ha
<b>OPERATING AREA:</b> West Favel	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	82	20.3	29	97%	229	1,588
BA				0%	0	0
WB		15.5	32	3%	6	42
<b>Total HW</b>				<b>100%</b>	<b>236</b>	<b>1,630</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>236</b>	<b>1,630</b>

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): 1,549  
 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	Wetland	MFZ	Located on the 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 55 to 83 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Block has been edited since mitigation. The portion of the block south of Route W was removed and added to block WEF-047.  
 Keep designated Route W/Snowman skidoo trail located on the S side free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

## 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	2028

### 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>Discuss incorporating more harvest to the N instead of WEF-105.</p>	<p>More buffer cut can be added to the west assuming it is not blown down. The area to the north is planned for next pass.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>WEF-060</b>	<b>Twp &amp; Rge:</b> <b>t33r26w</b>	<b>Cut Block Size:</b> <b>135.6 ha</b>
<b>OPERATING AREA:</b> <b>West Favel</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>350574</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## 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
<b>Total HW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>0%</b>	<b>0</b>	<b>0</b>
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **17,266**  
 SOFTWOOD VOLUME (m3): **4,451**

### 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	Located on the N, W and S sides of the block. Variable MFZ to 15m buffer. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **1,085** to **1,627** 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.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> WEF-061	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 22.7 ha
<b>OPERATING AREA:</b> West Favel	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 2,570  
 SOFTWOOD VOLUME (m3): 663

### 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	Located on the NE side. Variable MFZ to 15m buffer. Harvest as shown on map.
2	Trail	MFZ	Route W located on the SW side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 182 to 272 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 equipment and debris off Route W (Snowman Trail) located on the SW side of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> WEF-062	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 18.2 ha
<b>OPERATING AREA:</b> West Favel	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b>

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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): 2,331  
 SOFTWOOD VOLUME (m3): 601

### 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	Trail	MFZ	Route W located on the S side. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 146 to 219 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 equipment and debris of Route W (Snowman Trail) located on the S side.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> <b>WEF-063</b>	<b>Twp &amp; Rge:</b> <b>t33r26w</b>	<b>Cut Block Size:</b> <b>39.9 ha</b>
<b>OPERATING AREA:</b> <b>West Favel</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>350574</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## 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
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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

## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **5,105**  
 SOFTWOOD VOLUME (m3): **1,316**

### 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
Wetland	MFZ-30	Located on the N side. Variable MFZ to 30m buffer. Harvest as shown on map.	
Trail	MFZ	Route W located on the E side. Harvest as shown on map.	
Stream	15-50	Located on the S side. Harvest as shown on map.	
Ephemeral Drain	15	Located on the NW side. Harvest as shown on map.	

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **319** to **479** 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 equipment and debris off Route W (Snowman Trail) located on the E side.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> WEF-064	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 48.6 ha
<b>OPERATING AREA:</b> West Favel	<b>Ownership:</b> Open Crown	<b>Mapsheet:</b> 350574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Backcountry

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 6,221  
 SOFTWOOD VOLUME (m3): 1,604

### 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 the SE side. Harvest as shown on map.
2	Stream	15-75	Located on the N side. Harvest as shown on map.
3	Stream	15-50	Located on the W side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 389 to 583 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Park boundary will be located with GPS to ensure no encroachment into Back Country zone. Block design follows natural boundaries where possible along park boundary.  
 This block has not been surveyed. The volume information is based on surveyed blocks in the area.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Contingency**

<b>Cut Block Name:</b> WEF-065	<b>Twp &amp; Rge:</b> t33r26w	<b>Cut Block Size:</b> 86.2 ha
<b>OPERATING AREA:</b> West Favel	<b>Ownership:</b> Open Crown	<b>Mapsheets:</b> 350574
<b>LICENCE:</b> FML 3	<b>Management Unit:</b> 13	<b>Land Status:</b> Backcountry

## 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
<b>Total HW</b>				0%	0	0
WS				0%	0	0
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				0%	0	0
<b>Block Total:</b>					<b>0</b>	<b>0</b>

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

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 11,031  
 SOFTWOOD VOLUME (m3): 2,844

### 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	30-100	Located on the SE side. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 689 to 1,034 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Park boundary will be located with GPS to ensure no encroachment into Back Country zone. Block design follows natural boundaries where possible along park boundary.  
 This block has not been surveyed. The volume information is based on surveyed blocks in the area.  
 Keep equipment and debris off Route W (Snowman Trail) located on the NE side of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Contingency

## 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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## Integrated Operations by Operating Area

Plan(s): FML 3 2022 - Harvest, FML 3 2022 - Contingency, FML 3 2023 - Harvest, FML 3 2023 - Contingency

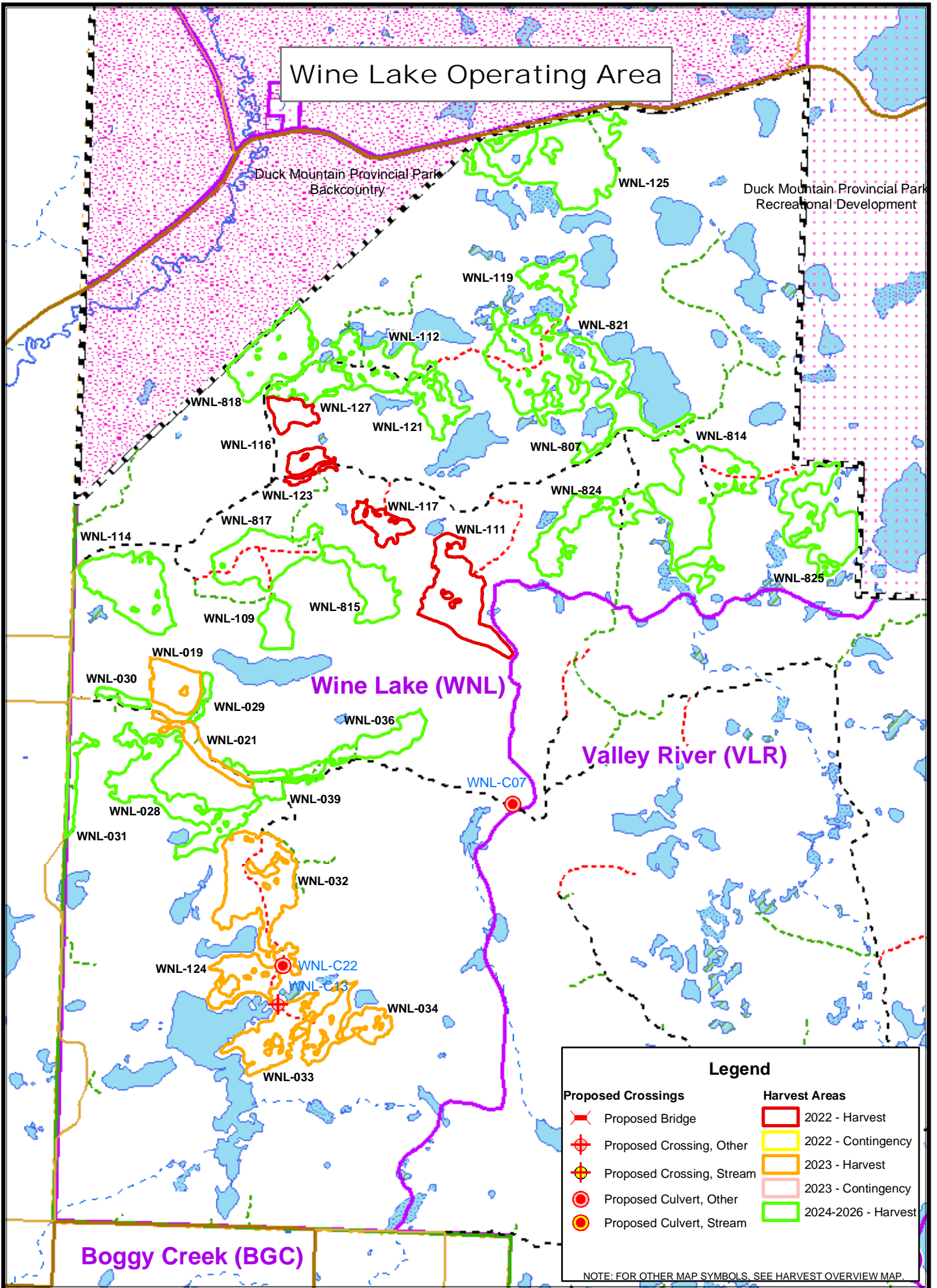
### FMU 13

### Wine Lake

<b>WNL-019</b>	32.36 Hectares		2023 Harvest
HW Allocation	6,373 m3	LP	
SW Allocation	246 m3	SPL	
<b>WNL-021</b>	17.06 Hectares		2023 Harvest
HW Allocation	2,895 m3	LP	
SW Allocation	114 m3	SPL	
<b>WNL-032</b>	86.62 Hectares		2023 Harvest
HW Allocation	11,397 m3	LP	
SW Allocation	8,179 m3	SPL	
<b>WNL-033</b>	44.85 Hectares		2023 Harvest
HW Allocation	9,002 m3	LP	
SW Allocation	5,935 m3	SPL	
<b>WNL-034</b>	46.18 Hectares		2023 Harvest
HW Allocation	4,799 m3	LP	
SW Allocation	9,185 m3	SPL	
<b>WNL-111</b>	72.19 Hectares		2022 Harvest
HW Allocation	15,978 m3	LP	
SW Allocation	3,285 m3	SPL	
<b>WNL-116</b>	34.16 Hectares		2022 Harvest
HW Allocation	4,714 m3	LP	
SW Allocation	687 m3	SPL	
<b>WNL-117</b>	18.63 Hectares		2022 Harvest
HW Allocation	2,385 m3	LP	
SW Allocation	1,297 m3	SPL	
<b>WNL-123</b>	3.53 Hectares		2022 Harvest
HW Allocation	268 m3	LP	
SW Allocation	110 m3	SPL	
<b>WNL-124</b>	39.90 Hectares		2023 Harvest
HW Allocation	6,492 m3	LP	
SW Allocation	2,020 m3	SPL	



# Wine Lake Operating Area



Proposed Crossings		Harvest Areas	
	Proposed Bridge		2022 - Harvest
	Proposed Crossing, Other		2022 - Contingency
	Proposed Crossing, Stream		2023 - Harvest
	Proposed Culvert, Other		2023 - Contingency
	Proposed Culvert, Stream		2024-2026 - Harvest

NOTE: FOR OTHER MAP SYMBOLS, SEE HARVEST OVERVIEW MAP.





## Internal Mitigation Comments

### General

Operating Area	Concern	Manitoba	Action/Response
Wine Lake	Wildlife Ungulate	Would prefer that WNL-019, 021, 028, 029 and 030 be deferred for a few years. NRND to investigate wildlife issues in the area.	Both WNL-019 and 021 have been deferred once and will now be harvested. Will delay harvest of WNL-028, 029 and 030.
		Would prefer WNL-031 not be cut at all, would be heavily night lighted.	This is a narrow buffer harvest with 15 to 25 year old harvest areas behind it. Less than 200m distance to cover. Will be deferred for now.
	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. Will determine on a site by site basis.

### Site Specific

Block	Concern	Manitoba	Action/Response
WNL-032	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed
	Wildlife Ungulate	Require a 300 m LOS for elk.	Agreed
WNL-033	Wildlife Ungulate	Require a 300 m LOS for elk.	Agreed
	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed

WNL-034	Riparian Mgmt. Wildlife	30m minimum buffer on wetland in the NW.	Agreed.
		30m minimum buffer on the south side of the NE wetland.	Agreed. Not sure what wetland this is referring to but added buffer on wetland on NE side.
	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed
WNL-111	Access Control	Remove the S side of the block to limit access across operating area boundaries.	The operating area boundary was designed by LP only as a means of delineating harvest areas. Many operating areas have access between them. Will leave block as is.
	Riparian Mgmt. Wildlife	Increase the buffer on the N side from MFZ to 30 m minimum.	Agreed.
WNL-116	Riparian Mgmt. Wildlife	Increase the buffer on the meadows to 30m minimum to limit LOS.	Agreed.
	Riparian Mgmt. Wildlife	Increase the buffer on the wetland near the center of the block and the trail on the south end. Both to a 30m minimum.	Wetland in center of block is expanding. Will add some strategic leave areas along wetland in center. Created a visual 15 to 30m buffer along trail.
WNL-117	No concerns	No concerns with the block as drawn.	
	Access Control	Minimal access to be left for planting. See Operating Area General Comment about planting access.	Agreed.
WNL-124	Riparian Mgmt. Wildlife	Increase the buffer on the NE and SE sides from MFZ to 30 m minimum.	Will leave buffers as drawn. As noted the floods/wetlands are expanding and since 2008 has lost at least 20 to 30m of trees along edges.

	Access Control	WNL-124 access through WNL-032. Why? Won't this create a circle route? Why not use the access that already exists around the tree improvement site?	The access from the tree improvement site is flooded and not even usable with an ATV. I had to walk into block WNL-124. There will be no circle route. The access as shown will allow dry/frozen access to WNL-124.
WNL-019	Age of Mitigation	Last mitigated in 2004. Will revisit mitigation at permit time. If they are not deferred.	This block has been deferred once and will now be harvested.
WNL-021	Age of Mitigation	Last mitigated in 2005. Will revisit mitigation at permit time. If they are not deferred.	This block has been deferred once and will now be harvested.
WNL-028, WNL-029, WNL-030, WNL-031	Not Surveyed	Will mitigate after survey. If they are not deferred.	
WNL-108, 110, 123	No concerns	Already been permitted.	



# Roads

# Wine Lake

## WNL-1A (existing)

### Additional Road Development Comments

This road goes up to the intersection to blocks WNL-032, 033, 034 and 124. Blocks WNL-019, 021, 028, 029 and 030 are also accessed from this road. This road is also part of the access to blocks VLR-022, 023 and 024.

### Road Development:

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
3.1	20	8	Dry/Frozen	50

### 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	These are existing roads and will remain open. It is also part of the Snoman Trail system.

## WNL-1A-4A (existing)

### Additional Road Development Comments

This road accesses block WNL-019. This road was used in 1998.

### 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 checked="" 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 after harvest.

## WNL-1A-6A (existing)

### Additional Road Development Comments

This road accesses block WNL-032 and is part of the access to blocks WNL-033, 034 and 124.

### 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	10

### 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This road will be closed with slash and debris. ATV access is required for renewal and survey purposes.

**WNL-1A-6B****Additional Road Development Comments****Road Development:**

This road goes through block WNL-032 and accesses block WNL-124 and goes up to crossing WNL-C13.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
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2.5	20	8	Dry/Frozen	1
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**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris at selected locations in blocks WNL-032 and 124. ATV access is required for renewal and survey purposes. Crossing WNL-C22 will be removed after renewal activities.

**WNL-1A-6C****Additional Road Development Comments****Road Development:**

This road accesses blocks WNL-033 and 034.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
------------------	---------------	------------------------	---------------	------------------------

0.6	15	6	Frozen	1
-----	----	---	--------	---

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP	Post-Harvest Post-Renewal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This road will be closed with debris at selected locations in block WNL-033. ATV access is required for renewal and survey purposes. Crossing WNL-C13 will melt restricting access.

**WNL-7A to 7C (existing)****Additional Road Development Comments****Road Development:**

These roads go up to the access to block WNL-111. They are part of the access to blocks WNL-110, 111, 116 and 117.

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
------------------	---------------	------------------------	---------------	------------------------

2.7	20	8	Dry/Frozen	50
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**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP/SPL	Post-Harvest Post-Renewal	<input 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 for future harvest.

**WNL-7B-1A (existing)****Additional Road Development Comments****Road Development:**

This road accesses part of block WNL-116.

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	Slash and	Earth Berm	Gate	Site Prep	None	Additional Road Closure Comments
LP/SPL	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 type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	This is an existing road which will remain open.

**WNL-7C-1A**

**Additional Road Development Comments**

This road accesses block WNL-117.

**Road Development:**

Road Length (km)	ROW Width (m)	Road Surface Width (m)	Season of Use	Lifespan of Road (yrs)
0.4	20	8	Dry/Frozen	1

**Road Deactivation:**

Road Closure Responsibility		Crossing Removal	Debris	Slash and	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 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"/>	A berm will be placed at the start of the road. This road will also be closed with slash and debris if available in block WNL-101 which was harvested in 2004. ATV access is required for renewal and survey purposes.

**WNL-7C-2A**

**Additional Road Development Comments**

This road accesses block WNL-111.

**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		Crossing Removal	Debris	Slash and	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 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 at selected locations in block WNL-108. A berm will be placed at the start of the road.







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# WATER CROSSING PRESCRIPTION

## FML 3 2022 - Proposed Crossings

### Crossing Name: **WNL-C07**

**Operating Area:** Wine Lake  
**UTM Northing:** 5707395  
**Stream Type:** Other Watercourse  
**Watercourse Name:** N/A  
**Channel Width (m):** N/A  
**Water Depth (m):** N/A  
**Road Name:** WNL-1C

**Ownership:** LP  
**Contingency Crossing:**   
**UTM Easting:** 348711  
**Land Description:** SW22-29-27W  
**Crossing Inspection Date:** 13-May-2016  
**Stream Assessment Required:**  
**Stream Assessment Complete:**

### Site Description:

Crossing is on an existing trail which has been flooded. Small dam will be removed lowering the water level. Substrate is 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:**

to

**Permanent Crossing:**

**Proposed Install Date:**

**Crossing Duration:**  Years

**Remove after Renewal Activities:**

### 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 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 WNL-C07



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> WNL-C13		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Wine Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5704898	<b>UTM Easting:</b>	345778
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	NE8-29-27W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	18-May-2016
<b>Channel Width (m):</b>	N/A	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	N/A	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WNL-1A-6C		

**Site Description:**

This crossing is a sedge/willow/alder meadow between a lake and wetland. Feature is approximately 115 meters wide at the crossing location.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 December,2023"/>	to <input type="text" value="31 March,2024"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<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 WNL-C13



Across



Upstream



Downstream



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# WATER CROSSING PRESCRIPTION

## FML 3 2023 - Proposed Crossings

<b>Crossing Name:</b> WNL-C22		<b>Ownership:</b> LP	
<b>Operating Area:</b>	Wine Lake	<b>Contingency Crossing:</b>	<input type="checkbox"/>
<b>UTM Northing:</b>	5705384	<b>UTM Easting:</b>	345841
<b>Stream Type:</b>	Other Watercourse	<b>Land Description:</b>	SE17-29-27W
<b>Watercourse Name:</b>	N/A	<b>Crossing Inspection Date:</b>	08-April-2021
<b>Channel Width (m):</b>	1.0	<b>Stream Assessment Required:</b>	
<b>Water Depth (m):</b>	0.5	<b>Stream Assessment Complete:</b>	
<b>Road Name:</b>	WNL-1A-6B		

**Site Description:**

Crossing is a small drain in a mixed wood stand. Crossing is approximately 5m wide sedge. Substrate is organic. No banks are present.

**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"/>

<b>Temporary Crossing:</b>	<input checked="" type="checkbox"/>
<input type="text" value="01 July,2023"/>	to <input type="text" value="01 October,2025"/>
<b>Permanent Crossing:</b>	<input type="checkbox"/>
<b>Proposed Install Date:</b>	<input type="text"/>
<b>Crossing Duration:</b>	<input type="text"/> Years
<b>Remove after Renewal Activities:</b>	<input type="checkbox"/>

**Installation & Removal Notes:**

A minimum 18 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 WNL-C22



Across



Upstream



Downstream



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WNL-019</b>	<b>Twp &amp; Rge:</b> <b>t29r27w</b>	<b>Cut Block Size:</b> <b>32.4 ha</b>
<b>OPERATING AREA:</b> <b>Wine Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>340570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	66	17.3	22	96%	206	6,676
BA				0%	0	0
WB		16.0	22	0%	1	33
<b>Total HW</b>				96%	207	6,709
WS	71	18.8	33	4%	8	259
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				4%	8	259
<b>Block Total:</b>					<b>215</b>	<b>6,968</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
53	Clumped				

Eco Land Classification	1st			2nd			3rd		
	V Type			Eco Site			Soils Summary		
	LFH(cm)	S-Type	Moisture	Surface Texture					
	05	08	06	S5	2	Clay Loam			
	33	32	06	S5	2	Clay Loam			

Cover Type: <b>H</b>	IBWC Cnt: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **6,373**  
 SOFTWOOD VOLUME (m3): **246**

### 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 **259** to **388** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Flat terrain and no water features within the block; maintain some large WTP's within block to help minimize LOS.  
 Keep debris off existing trail on east side of block.







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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WNL-021</b>	<b>Twp &amp; Rge:</b> <b>t29r27w</b>	<b>Cut Block Size:</b> <b>17.1 ha</b>
<b>OPERATING AREA:</b> <b>Wine Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>340570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	66	17.9	29	63%	117	1,994
BA		16.6	24	32%	59	1,001
WB		17.5	24	2%	3	52
<b>Total HW</b>				<b>96%</b>	<b>179</b>	<b>3,047</b>
WS		15.7	24	4%	7	120
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>4%</b>	<b>7</b>	<b>120</b>
<b>Block Total:</b>					<b>186</b>	<b>3,167</b>

Understory Stems/ha and Distribution							
WS		BS		BF			
14	Clumped						
Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	05			09	S6	2	Silty Clay Loam
Eco Site	31						
Cover Type:	H		IBWC Cnt:	0			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,895  
 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

0		
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NOTE : IBWC = In Block Water Course

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **136** to **205** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Keep trial on N side of block free of debris.  
 Keep equipment out of old harvest area on S side of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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:

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on **9/15/21**
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

Mitigated

<p>Last mitigated in 2005. Will revisit mitigation at permit time. If they are not deferred. Previous mitigation.</p>	<p>This block has been deferred once and will now be harvested. Block was previously submitted for mitigation in 2005.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
-----------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WNL-032</b>	<b>Twp &amp; Rge:</b> <b>t29r27w</b>	<b>Cut Block Size:</b> <b>86.6 ha</b>
<b>OPERATING AREA:</b> <b>Wine Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>340570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	69	21.0	31	49%	117	10,154
BA		21.8	32	9%	21	1,813
WB		8.0	12	0%	0	30
Total HW				58%	139	11,997
WS	89	20.4	32	42%	99	8,609
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
Total SW				42%	99	8,609
<b>Block Total:</b>					<b>238</b>	<b>20,606</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
155	Uniform				
Eco Land Classification			Soils Summary		
V Type			LFH(cm)	S-Type	Moisture
1st	2nd	3rd	07	S5	2
08	13	05	Surface Texture		
Eco Site			Loam		
31					
Cover Type: N		IBWC Cnt: 0			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 11,397  
 SOFTWOOD VOLUME (m3): 8,179

### 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	2	3
Lake	MFZ-100+	Located on the W side. Variable MFZ to 100m+ buffer. Floods increasing. Large riparian areas along lake. Harvest as shown on map.
Flood	MFZ	Located in block at N end. Floods increasing. Harvest as shown on map.
Wetland	MFZ	Located on the S side. Structure will be maintained. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **693** to **1,039** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Area of blow down located around plots 1 and 2 in the south end of the block. Merchantable trees will be salvaged if feasible.  
 300m LOS for elk management.  
 Maintain a max of 16 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.  
 Keep equipment and debris out of harvested areas located on the N and E sides of the block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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
2024	Sp	WS	1600	41760

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Regeneration	First	2034

### RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are located in N end of the block (plots 125 and 29). Clumps of understory will be protected in patches.  
 North side of block being planted, 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 9/24/21
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Minimal access to be left for planting. See operating area general comments.          Require 300m LOS for elk.</p>	<p>Agreed.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WNL-033</b>	<b>Twp &amp; Rge:</b> <b>t29r27w</b>	<b>Cut Block Size:</b> <b>44.9 ha</b>
<b>OPERATING AREA:</b> <b>Wine Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>340570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	87	25.3	38	49%	172	7,701
BA		23.1	28	10%	35	1,566
WB		14.5	18	1%	5	209
<b>Total HW</b>				60%	211	9,476
WS	119	21.8	31	40%	139	6,247
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				40%	139	6,247
<b>Block Total:</b>					<b>351</b>	<b>15,723</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
108	Clumped				

Eco Land Classification	1st			2nd			3rd		
	V Type	08	05	13					
	Eco Site	52							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
06	S6	2	Silty Clay

Cover Type: N	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 9,002  
 SOFTWOOD VOLUME (m3): 5,935

### 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 on the SE side. Structure will be maintained. Harvest as shown on map.
Wetland	MFZ	Located on the NE side. Structure will be maintained. Harvest as shown on map.
Lake	15-30	South Fish Lake located on the W/NW sides. Trees along lake being flooded. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **359** to **538** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

300m LOS for elk management.  
 Maintain a max of 8 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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
2024	Sp	WS	1600	7200

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Regeneration	First	2034

### RENEWAL COMMENTS/ISSUES:

Area of WS understory >500 stems/ha and <6m in height is located in the SE portion of the block (plot 7). Clumps of understory will be protected in patches.  
 North East side being planted, 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 9/24/21
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Minimal access to be left for planting. See operating area general comments.          300m LOS for elk.</p>	<p>Agreed.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WNL-034</b>	<b>Twp &amp; Rge:</b> <b>t29r27w</b>	<b>Cut Block Size:</b> <b>46.2 ha</b>
<b>OPERATING AREA:</b> <b>Wine Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>340570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	79	23.5	35	29%	93	4,298
BA	59	20.9	30	5%	16	753
WB				0%	0	0
Total HW				34%	109	5,051
WS	109	23.9	34	63%	201	9,281
BS	91	17.5	20	3%	8	387
JP				0%	0	0
BF				0%	0	0
Total SW				66%	209	9,668
<b>Block Total:</b>					<b>319</b>	<b>14,719</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
525	Uniform				

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	13	08		10	S6	2	Clay Loam
Eco Site	52						

Cover Type: <b>M</b>	IBWC Cnt: <b>0</b>
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## HARVEST PRESCRIPTION INFORMATION

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

HARDWOOD VOLUME (m3): **4,799**  
 SOFTWOOD VOLUME (m3): **9,185**

### 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

NOTE : IBWC = In Block Water Course

1	Wetland	MFZ-50	Located on all sides of block. Variable MFZ to 50m buffers. Harvest as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **369** to **554** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Area of blow down located around plot 20. Merchantable trees will be salvaged where feasible.  
 Maintain a max of 9 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2023 - Harvest

## 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 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: M

### 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
2024	Sp	WS	1800	59400

Survey Summary		
Type	Series	Year
Plantation Survival	First	2025
Regeneration	First	2034

### RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height are located in the E portion of the block (plots 7, 13 and 17). Clumps of understory will be protected in patches.  
 Entire block being planted, ensure ATV access for seedling delivery.

## 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 9/24/21
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>30m minimum buffer on the south side of the NE wetland.</p> <p>Minimal access to be left for planting. See operating area general comments.</p> <p>30m minimum buffer on wetland in the NW.</p>	<p>Agreed. Not sure what wetland this is referring to but added buffer on wetland on NE side.</p> <p>Agreed.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>   <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>WNL-111</b>	<b>Twp &amp; Rge:</b> <b>t29r27w</b>	<b>Cut Block Size:</b> <b>72.2 ha</b>
<b>OPERATING AREA:</b> <b>Wine Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>340570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	101	23.9	30	80%	224	16,165
BA	68	20.3	24	3%	9	653
WB				0%	0	0
<b>Total HW</b>				<b>83%</b>	<b>233</b>	<b>16,818</b>
WS	87	19.6	29	17%	48	3,458
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>17%</b>	<b>48</b>	<b>3,458</b>
<b>Block Total:</b>					<b>281</b>	<b>20,276</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
59	Clumped				
Eco Land Classification			Soils Summary		
V Type			LFH(cm)	S-Type	Moisture
1st	2nd	3rd	08	S5	1
05	08	13	Silty Sand		
Eco Site					
32					
Cover Type: H		IBWC Cnt: 1			

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 15,978  
 SOFTWOOD VOLUME (m3): 3,285

### 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 NE side. Structure will be maintained. Harvest as shown on map.
2	Wetland	30	Located on the N end. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **578** to **866** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Keep existing trail that run through the SE tip and along the E boundary free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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:

Area of WS understory >500 stems/ha and <6m in height is located in the SW portion of the block (plot 19). Clumps of understory will be protected in patches.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 9/15/21
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

Mitigated

<p>Remove the S side of the block to limit access across operating area boundaries.</p> <p>Increase the buffer on the N side from MFZ to 30 m minimum.</p>	<p>The operating area boundary was designed by LP only as a means of delineating harvest areas. Many operating areas have access between them. Will leave block as is. Agreed.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>WNL-116</b>	<b>Twp &amp; Rge:</b> <b>t30r27w</b>	<b>Cut Block Size:</b> <b>34.2 ha</b>
<b>OPERATING AREA:</b> <b>Wine Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>340571</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	64	18.2	26	57%	95	3,230
BA	83	18.4	28	30%	51	1,732
WB				0%	0	0
<b>Total HW</b>				<b>87%</b>	<b>145</b>	<b>4,962</b>
WS	68	16.7	26	13%	21	723
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>13%</b>	<b>21</b>	<b>723</b>
<b>Block Total:</b>					<b>166</b>	<b>5,685</b>

Understory Stems/ha and Distribution							
WS		BS		BF			
438	Uniform						
Eco Land Classification			Soils Summary				
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
	05	08		10	S3	2	Silt Loam
Eco Site	22						
Cover Type:	H		IBWC Cnt: 0				

## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 4,714  
 SOFTWOOD VOLUME (m3): 687

### 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
Flood	MFZ-30	Located in the central portion of the block. Structure will be maintained. Harvest as shown on map.
Meadow	30-50	Located on the W side. Variable 30 to 50m buffer. Harvest as shown on map.
Trail	15-30	Located along S side. Harvest as shown on map.

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately **273** to **410** trees.

**SEVERE EROSION RISK POTENTIAL:**

**HARVEST COMMENTS/ISSUES:**



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 throughout the block (plots 3, 5, 9 and 15). Clumps of understory will be protected in patches.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on 9/24/21
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

### Mitigated

<p>30m buffer on wetland in center of block and trail along S side.</p> <p>Increase the buffer on the meadows to 30m minimum to limit LOS.</p>	<p>Wetland in center of block is expanding. Will add some strategic leave areas along wetland in center. Created a visual 15 to 30m buffer along trail.</p> <p>Agreed.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>WNL-117</b>	<b>Twp &amp; Rge:</b> <b>t29r27w</b>	<b>Cut Block Size:</b> <b>18.6 ha</b>
<b>OPERATING AREA:</b> <b>Wine Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>340571</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	65	21.7	30	42%	88	1,632
BA		14.8	23	18%	38	704
WB		16.0	26	5%	9	175
<b>Total HW</b>				65%	135	2,511
WS	94	16.2	34	26%	54	1,009
BS		17.3	22	9%	19	356
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				35%	73	1,365
<b>Block Total:</b>					<b>208</b>	<b>3,876</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
280	Uniform	60	Clumped		

Eco Land Classification			Soils Summary					
V Type	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture	
		08	05	33	05	S5	2	Loamy Sand
Eco Site			33					

Cover Type: N	IBWC Cnt: 1
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 2,385  
 SOFTWOOD VOLUME (m3): 1,297

### 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 **149** to **224** trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Maintain structure along IBWC located near plot 30.  
 Keep equipment and debris out of harvested areas located on the S and N sides of the block.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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	4320

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Area of WS understory >500 stems/ha and <6m in height is located in the S portion of the block (plot 5). Clumps of understory will be protected in patches.  
 Planting West side of block, ensure ATV access for seedling delivery.

## 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 9/24/21
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>Minimal access to be left for planting. See operating area general comments.          No concerns.</p>	<p>Agreed.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2022 - Harvest**

<b>Cut Block Name:</b> <b>WNL-123</b>	<b>Twp &amp; Rge:</b> <b>t29r27w</b>	<b>Cut Block Size:</b> <b>3.5 ha</b>
<b>OPERATING AREA:</b> <b>Wine Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheet:</b> <b>340571</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	76	19.7	27	71%	171	603
BA				0%	0	0
WB				0%	0	0
<b>Total HW</b>				71%	171	603
WS	87	18.8	30	21%	51	179
BS		14.5	14	8%	18	65
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				29%	69	244
<b>Block Total:</b>					<b>240</b>	<b>847</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
350	Uniform	50	Clumped		

Eco Land Classification			Soils Summary				
	1st	2nd	3rd	LFH(cm)	S-Type	Moisture	Surface Texture
V Type	08	09					
Eco Site							

Cover Type: N	IBWC Cnt: 0
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 268  
 SOFTWOOD VOLUME (m3): 110

### 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	Meadow	MFZ	Located on the W side. Structure will be maintained. Flag as shown on map.
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**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 28 to 42 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

Approximately half this block was harvested in 2021/22. The volumes shown indicate this.  
 Keep existing trail located along the N side free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

FML 3 2022 - Harvest

## 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 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	1800	2880

Survey Summary		
Type	Series	Year
Plantation Survival	First	2024
Regeneration	First	2033

### RENEWAL COMMENTS/ISSUES:

Areas of WS understory >500 stems/ha and <6m in height is located in the W side of the block (plot 2). Clumps of understory will be protected in patches.  
 Planting W section of block

## 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 10/18/19
<input checked="" type="checkbox"/>	ALL IRMT CONCERNS MITIGATED

IRMT Concerns and Comments:

Mitigation Strategy:

Mitigated

<p>IRMT does not require a meadow buffer for this location.</p>	<p>Will change buffer to MFZ.</p>
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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

<b>Cut Block Name:</b> <b>WNL-124</b>	<b>Twp &amp; Rge:</b> <b>t29r27w</b>	<b>Cut Block Size:</b> <b>39.9 ha</b>
<b>OPERATING AREA:</b> <b>Wine Lake</b>	<b>Ownership:</b> <b>Open Crown</b>	<b>Mapsheets:</b> <b>340570</b>
<b>LICENCE:</b> <b>FML 3</b>	<b>Management Unit:</b> <b>13</b>	<b>Land Status:</b>

## PRE-HARVEST SURVEY INFORMATION

Species	Avg Age (yr)	Avg Ht (m)	Avg DBH (cm)	Vol %	m3/ha	Vol (m3)
TA	86	21.6	31	76%	170	6,779
BA		21.5	26	1%	1	54
WB				0%	0	0
<b>Total HW</b>				<b>76%</b>	<b>171</b>	<b>6,833</b>
WS	92	19.6	31	24%	53	2,126
BS				0%	0	0
JP				0%	0	0
BF				0%	0	0
<b>Total SW</b>				<b>24%</b>	<b>53</b>	<b>2,126</b>
<b>Block Total:</b>					<b>225</b>	<b>8,959</b>

Understory Stems/ha and Distribution					
WS		BS		BF	
309	Uniform				

Eco Land Classification	1st			2nd			3rd		
	V Type	08	05	13					
	Eco Site	11							

Soils Summary			
LFH(cm)	S-Type	Moisture	Surface Texture
13	S5	2	Silt Loam

Cover Type: H	IBWC Cnt: 1
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## HARVEST PRESCRIPTION INFORMATION

HARDWOOD ALLOCATION: LP  
 SOFTWOOD ALLOCATION: SPL

HARDWOOD VOLUME (m3): 6,492  
 SOFTWOOD VOLUME (m3): 2,020

### 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
Lake	MFZ-30	Located on the N side. Variable MFZ to 30m buffer. Harvest as shown on map.	
Lake	MFZ-30	South Fish Lake located on the S side. Trees along lake being flooded. Harvest as shown on map.	
Wetland	MFZ	Located on the SE side. Structure will be maintained. Floods are expanding. Harvest as shown on map.	
Wetland	MFZ	Located on the NE side. Structure will be maintained. Floods are expanding. Harvest as shown on map.	

**WILDLIFE TREE RETENTION:** As per Standard Operating Guidelines leave approximately 319 to 479 trees.

**SEVERE EROSION RISK POTENTIAL:**

### HARVEST COMMENTS/ISSUES:

- Maintain a max of 7 WDP's approximately 30-70 m from block edge and where possible adjacent to softwood stands outside of block.
- Maintain structure along IBWC located near plot 12.
- Maintain existing trail that runs through the block free of debris.



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# PRE-HARVEST CUT BLOCK PRESCRIPTION

**FML 3 2023 - Harvest**

## 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 W and E portions of the block (plots 3, 5, 9, 15 & 17). Clumps of understory will be protected in patches.

## PRESCRIPTION REVIEW AND MITIGATION

### INTERNAL REVIEW

- PLANNING
- WILDLIFE
- SILVICULTURE

### EXTERNAL REVIEW

- SUBMITTED TO IRMT on **9/24/21**
- ALL IRMT CONCERNS MITIGATED

### IRMT Concerns and Comments:

### Mitigation Strategy:

Mitigated

<p>WNL-124 access through WNL-032. Why? Won't this create a circle route?</p> <p>Increase the buffer on the NE and SE sides from MFZ to 30 m minimum.</p>	<p>The access from the tree improvement site is flooded and not even usable with an ATV. I had to walk into block WNL-124. There will be no circle route. The access as shown will allow dry/frozen access to WNL-124. Will leave buffers as drawn. As noted the floods/wetlands are expanding and since 2008 has lost at least 20 to 30m of trees along edges.</p>	<input checked="" type="checkbox"/>  <input checked="" type="checkbox"/>
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