



Harvest Block Summary Form

Block SHL 1114 A

Last Prescription Revision: January 12, 2008.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	T26R09EP	Ortho Tile(s) #	690 5670
Op. Area	Shallow Lake	Road Mgmt Plan			N/A	Access Route	Lake Winnipeg East Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	Fall	Contingency Criteria	N/A
Planned Area (ha)	61.40		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Unknown		
Company Supervisor	Glenn Cure		
Harvest Equipment	Mechanical Feller Buncher, delimb at stump.		

Block Review / Approval Dates

IRMT 1st Review	
Subsequent Review(s):	
Technical Review Completed	
Commencement Date	September 01, 2009.
Final Inspection Date	

Block Strata Description

- Based on 7 Plots
- Base on Preharvest Survey Completed June 26, 2000

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic	Shallow Organic	Species Composition	BS5JP2BF2TA1					
			14%	29%	14%	29%										
Topography	Flat	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V17(29),V14(29),V13(14),V16(14),V30(14)					
	14%	57%	29%			6%										
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated							Stand Structure	Volume (m3)					
	43%	43%	14%							Age (yr)	Ht (m)	DBH (cm)	For Harvest Available	Planned		
Soil Depth	Deep	Moderate	Shallow	Rocky						JP	91	14	26	Pine	2014	2014
	14%	43%	29%	14%						BF	48	11	19	Spruce	5208	5208
Snags / Hectare		<12 cm	12-30cm	>30 cm						BS	66	12	13	Other Softwood	139	139
	Softwood	257	29							WS	49	14	20	Total Softwood	7361	7361
	Hardwood	29	57							L				Poplar	2338	0
Stems / Hectare		Merchantable Softwood		1,200						TA	80	17	29	Other Hardwood	0	0
		Merchantable Hardwood		86						BP				Total Hardwood	2338	0
		Non-Merchantable		257						OH				Total Volume	9699	7361

- Percentages displayed on this page are rounded and thus may add up to over 100%.

Forest Renewal Strategy

	Leave for Natural	Drag	Alternate Strip	Disc Trench	Disc Trench or Drag	Herbicide & Disc Trench	Alternate Strip & Herbicide
Treatment Unit	JP-C sc-rck BS-Org 28%			BS-C 22%		WS-M 50%	
Treatment Type	Natural Regeneration			Plant		Plant	
Target Species	Jack Pine Black Spruce			Black Spruce		White Spruce	
Manitoba Conservation Standard	Softwood			Softwood		Mixedwood	

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Harvest Block Summary Form

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Block Mitigation

Harvest & Renewal Design

Mature softwood stands - Harvest softwood, retain treed clumps where line of sight will exceed 400 meters.

Main access inblock class 3B roads will total .5 kilometers.

Plant with black and white spruce . Swamps will be left to regenerate naturally.

Spraying may occur within the management zone if required. No spraying within the reserve zone.

In-Block Watercourses

A riparian buffer has been prescribed for the block as per the block summary map. It includes:

A 30 meter riparian management area that consists of a 15 meter reserve zone and a 15 meter management zone. A selective harvest of softwoods within the mixedwood strata is prescribed for the Management Zone. Where patches of softwoods greater than 300 square meters in size occur within the management zone only 50 percent of the merchantable softwood trees will be removed within the patch.

Public / Other Resource Users Concerns -- Company Action

Ensure Special Use areas that have been identified (trails) are not obstructed during and upon completion of the harvest. Refer to map detail.



Harvest Block Summary Form

Block SHL 1117 A

Last Prescription Revision: January 12, 2009.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t26r09ep	Ortho Tile(s) #	680 5670/690 5670
Op. Area	Shallow Lake	Road Mgmt Plan			N/A	Access Route	Lake Winnipeg East Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	Fall/Winter	Contingency Criteria	N/A
Planned Area (ha)	109.50	Reason(s) for Exceeding 100 ha	Natural landscape will break up the harvest area.
Contractor	Unknown	Company Supervisor	Glenn Cure
Harvest Equipment	Mechanical Feller Buncher, delimb at stump.		

Block Review / Approval Dates

IRMT 1st Review	
Subsequent Review(s):	
Technical Review Completed	
Commencement Date	September 01, 2009.
Final Inspection Date	

Block Strata Description

- Based on 7 Plots
- Base on Preharvest Survey Completed June 24, 2000

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic	Shallow Organic	Species Composition	BS5,WS3BF2					
			50%	17%	17%			17%								
Topography	Flat	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V14 (33%), V16 (17%), V21 (17%), V29 (17%) V30 (17%).					
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated							Stand Structure	Volume (m3)					
	17%	67%	17%							Age (yr)	Ht (m)	DBH (cm)	For Harvest Available	Planned		
Soil Depth	Deep	Moderate	Shallow	Rocky						JP	71	16	22	Pine	1264	1264
	17%	33%	50%							BF	57	12	12	Spruce	9542	9542
Snags / Hectare		<12 cm	12-30cm	>30 cm						BS	71	14	13	Other Softwood	150	150
	Softwood	2257	457	434						WS	63	14	15	Total Softwood	10956	10956
	Hardwood	57	86							L				Poplar	0	0
Stems / Hectare		Merchantable Softwood		1,200						TA				Other Hardwood	269	0
		Merchantable Hardwood		57						BP				Total Hardwood	269	0
		Non-Merchantable		343						OH				Total Volume	11225	10956

- Percentages displayed on this page are rounded and thus may add up to over 100%.

Forest Renewal Strategy

	Leave for Natural	Drag	Alternate Strip	Disc Trench	Disc Trench or Drag	Herbicide & Disc Trench	Alternate Strip & Herbicide
Treatment Unit	BS-Org 10%					WS-M JP-M 90%	
Treatment Type	Natural Regeneration					Plant	
Target Species	Black Spruce					White Spruce Black Spruce Jack Pine	
Manitoba Conservation Standard	Softwood					Mixedwood	

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Harvest Block Summary Form

Block SHL 1117 A

Block Mitigation

Harvest & Renewal Design

Mature softwood stands - Harvest softwood, retain treed clumps where line of sight will exceed 400 meters.

Main access inblock class 3B roads will total .7 kilometers.

Plant with black and white spruce and Jack Pine. Swamps will be left to regenerate naturally.

Spraying may occur within the management zone if required. No spraying within the reserve zone.

In-Block Watercourses

A riparian buffer has been prescribed for the block as per the block summary map. It includes:

A 30 meter riparian management area that consists of a 15 meter reserve zone and a 15 meter management zone. A selective harvest of softwoods within the mixedwood strata is prescribed for the Management Zone. Where patches of softwoods greater than 300 square meters in size occur within the management zone only 50 percent of the merchantable softwood trees will be removed within the patch.

Public / Other Resource Users Concerns -- Company Action

Ensure Special Use areas that have been identified (trails) are not obstructed during and upon completion of the harvest. Refer to map detail.