



Harvest Block Summary Form

Block 402 A

Last Prescription Revision: June 22, 2005.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t20r12ep	Ortho Tile(s) #	720 5620
Op. Area	Fredericks Lake	Road Mgmt Plan			N/A	Access Route	Second Commuter Road

AORP Plan

Year of Harvest	2005/2006	Contingency Block	
Cut Season(s)	Fall/Winter	Contingency Criteria	
Planned Area (ha)	60.20		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Gille Nault		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical , grapple skidders,delimb on site.		

Block Review / Approval Dates

IRMT 1st Review	October 19, 2005
Subsequent Review(s):	
Technical Review Completed	November 1, 2005
Commencement Date	January 01, 2006.
Final Inspection Date	

Block Strata Description

- Based on 8 Plots
- Base on Preharvest Survey Completed August 13, 2004

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic 25%	Shallow Organic 75%	Species Composition	BS70, JP30	
Topography	Flat 25%	Undul. 63%	Rough 13%	Very Rough			3%	% Bedrock for Rough & Very Rough		FEC Vtype	V26(60), V30(40)	
Soil Moisture	Arid / Dry	Moist / Very Moist 88%	Wet / Saturated 13%					Stand Structure		Volume (m3)	For Harvest Available Planned	
Soil Depth	Deep 25%	Moderate	Shallow 75%	Rocky				Age (yr)	Ht (m)	DBH (cm)		
Snags / Hectare	Softwood	<12 cm 100	12-30cm 175	>30 cm				JP 139	15	24	Pine 2231.9	2231.9
	Hardwood							BF			Spruce 4984.6	4984.6
								BS 74	15	15	Other Softwood 0.0	0.0
								WS			Total Softwood 7216.5	7216.5
								L			Poplar 0.0	0.0
								TA			Other Hardwood 0.0	0.0
								BP			Total Hardwood 0.0	0.0
								OH 38	8	7	Total Volume 7216.5	7216.5
Stems / Hectare	Merchantable Softwood			1,000								
	Merchantable Hardwood			-								
	Non-Merchantable			275								

- 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 JP-C sh-rck 50%	JP-C sh-rck 50%					
Treatment Type	Natural Regeneration	Natural Regeneration					
Target Species	Black Spruce Jack Pine	Jack Pine					
Manitoba Conservation Standard	Softwood	Softwood					

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Harvest Block Summary Form

Block 402 A

Block Mitigation

Harvest & Renewal Design

Mature softwood stands - Harvest softwood , retain softwood patches and scattered trees where line of sight may be a problem.

Use rock outcrops where applicable to help address line of sight concerns.

Inblock roads will rely mainly on existing winter roads.

Block identified for inbush chipping. Harvested trees that are destined for inblock chipping will be delimited on site where topping is not required on upland Jack Pine and Spruce sites. Black Spruce and Tamarack Stands on deep organic soils will be delimited at roadside where identified on the Block Summary Maps.

Debris from inblock chipping and larger accumulations of limbing debris will be burnt no later than one year after harvest subject to burning permit authorization. All other debris to be spread on roads and landings.

Leave for natural regeneration & drag chain where required.

In-Block Watercourses

Moose Creek and its tributary will be buffered at 100 meters from the waters edge.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block 402 B

Last Prescription Revision: June 22, 2005.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t20r12ep	Ortho Tile(s) #	720 5610/720 5620
Op. Area	Fredericks Lake	Road Mgmt Plan			N/A	Access Route	Second Commuter Road

AORP Plan

Year of Harvest	2005/2006	Contingency Block	
Cut Season(s)	Fall/Winter	Contingency Criteria	
Planned Area (ha)	36.80	Natural landscape and residual trees will break up the harvest area.	
Reason(s) for Exceeding 100 ha			
Contractor	Gille Nault		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical , grapple skidders,delimb on site.		

Block Review / Approval Dates

IRMT 1st Review	October 19, 2005
Subsequent Review(s):	
Technical Review Completed	November 1, 2005
Commencement Date	January 01, 2006.
Final Inspection Date	

Block Strata Description

- Based on 14 Plots
- Base on Preharvest Survey Completed August 13, 2004

Surface Soil Text	Gravel 7%	Sand 21%	S. Loam	Loam	C. Loam	Clay 7%	Silt 7%	Deep Organic 29%	Shallow Organic 29%	Species Composition	BSS,JP4,TA1	
Topography	Flat 43%	Undul. 36%	Rough 21%	Very Rough		7%	% Bedrock for Rough & Very Rough		FEC Vtype	V26(40), V30(20), V31(10),V29(10),V17(10),V15(10)		
Soil Moisture	Arid / Dry	Moist / Very Moist 71%	Wet / Saturated 29%	Stand Structure							Volume (m3)	For Harvest Available Planned
Soil Depth	Deep 36%	Moderate 7%	Shallow 50%	Rocky 7%	Age (yr)	Ht (m)	DBH (cm)	JP 82	16	21	Pine 1964.1	1964.1
Snags / Hectare	<12 cm			12-30cm	>30 cm	BF		BS 68	15	14	Spruce 2723.2	2723.2
	Softwood	257	114			WS		L			Other Softwood 16.3	16.3
Stems / Hectare	Hardwood	14	14			TA		BP 41	14	13	Total Softwood 4703.6	4703.6
	Merchantable Softwood			1,157		OH		30	9	11	Poplar 283.4	283.4
	Merchantable Hardwood			100							Other Hardwood 21.0	21.0
	Non-Merchantable			314							Total Hardwood 304.4	304.4
											Total Volume 5008.0	5008.0

- 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 JP-C sh-rck 50%	JP-C dp-thinO 20%				JP-M, BS-M, BS-C 30%	
Treatment Type	Natural Regeneration	Natural Regeneration				Plant	
Target Species	Black Spruce Jack Pine	Jack Pine				Jack Pine Black Spruce	
Manitoba Conservation Standard	Softwood	Softwood				Mixedwood-M	

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Harvest Block Summary Form

Block 402 B

Block Mitigation

Harvest & Renewal Design

Mature softwood stands - Harvest softwood , retain softwood patches and scattered trees where line of sight may be a problem.

Use rock outcrops where applicable to help address line of sight concerns.

Block identified for inbush chipping. Harvested trees that are destined for inblock chipping will be delimbed on site where topping is not required on upland Jack Pine and Spruce sites. Black Spruce and Tamarack Stands on deep organic soils will be delimbed at roadside where identified on the Block Summary Maps.

Debris from inblock chipping and larger accumulations of limbing debris will be burnt no later than one year after harvest subject to burning permit authorization. All other debris to be spread on roads and landings.

Leave black spruce & rock outcrops to regenerate naturally. Chain drag pine stands where required. Mixedwood stands will be sprayed where required, disc trenched and planted with spruce. No spraying within proposed buffer

In-Block Watercourses

Moose Creek and its tributary will be buffered at 100 meters from the waters edge.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block 402 C

Last Prescription Revision: June 22, 2005.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/Rge	t20r12ep	Ortho Tile(s) #	720 5610/720 5620
Op. Area	Fredricks Lake	Road Mgmt Plan			N/A	Access Route	Second Commuter Road

AORP Plan

Year of Harvest	2005/2006	Contingency Block	No
Cut Season(s)	Fall/Winter	Contingency Criteria	N/A
Planned Area (ha)	28.00		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Gille Nault		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical , grapple skidders,delimb on site.		

Block Review / Approval Dates

IRMT 1st Review	October 19, 2005
Subsequent Review(s):	
Technical Review Completed	November 1, 2005
Commencement Date	January 01, 2006.
Final Inspection Date	

Block Strata Description

- Based on 6 Plots
- Base on Preharvest Survey Completed 08/12/004

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic	Shallow Organic	Species Composition	BS4, TA4, JP2					
			67%		17%				17%							
Topography	Flat	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V14(40), V8,V13,V29,V30(15)					
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated							Stand Structure	Volume (m3)					
		100%									For Harvest Available Planned					
Soil Depth	Deep	Moderate	Shallow	Rocky						Age (yr)	Ht (m)	DBH (cm)				
	83%		17%							JP	38	15	21	Pine	503.1	503.1
										BF				Spruce	1405.6	1405.6
										BS	54	13	14	Other Softwood	73.7	73.7
										WS	38	13	14	Total Softwood	1982.4	1982.4
										L	33	13	17	Poplar	1060.3	1060.3
Snags / Hectare	Softwood	<12 cm	12-30cm	>30 cm						TA	35	14	15	Other Hardwood	124.1	0.0
	Hardwood	200	33							BP				Total Hardwood	1184.4	1184.4
										OH	38	11	9	Total Volume	3166.8	3042.7
Stems / Hectare	Merchantable Softwood															
	Merchantable Hardwood															
	Non-Merchantable															

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Forest Renewal Strategy

	Leave for Natural	Drag	Alternate Strip	Disc Trench	Disc Trench or Drag	Herbicide & Disc Trench	Alternate Strip & Herbicide
Treatment Unit	H-M 40%					BS-C WS-M 60%	
Treatment Type	Natural Regeneration					Plant	
Target Species	Trembling Aspen					White Spruce Black Spruce	
Manitoba Conservation Standard	Hardwood					Mixedwood-M	

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Harvest Block Summary Form

Block 402 C

Block Mitigation

Harvest & Renewal Design

Mature mixedwood stands - Harvest softwood , retain softwood patches and scattered trees where line of sight may be a problem.
Use rock outcrops where applicable to help address line of sight concerns.

Inblock roads will rely mainly on existing winter roads.

Block identified for inbush chipping. Harvested trees that are destined for inblock chipping will be delimbed on site where topping is not required.

Debris from inblock chipping will be burnt no later than one year after harvest subject to burning permit authorization.

Treat approximately 60% of the block, ground spray where required, disc trench and plant with spruce. Leave remainder of area to sucker naturally to aspen. No spraying within proposed buffer. Follow-up chemical release if required

In-Block Watercourses

Moose Creek and its tributary will be buffered at 100 meters from the waters edge.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block FRD-02 A

Last Prescription Revision: June 22, 2005.

Block Location

Forest Section	<u>Lake Winnipeg East</u>	FMU	<u>31</u>	Twp/ Rge	<u>t20r12ep</u>	Ortho Tile(s) #	<u>710 5610/710 5620</u>
Op. Area	<u>Fredericks Lake</u>	Road Mgmt Plan	<u>N/A</u>	Access Route	<u>Trans Licence Road</u>		

AORP Plan

Year of Harvest	<u>2005/2006</u>	Contingency Block	<u>No</u>
Cut Season(s)	<u>Winter</u>	Contingency Criteria	<u>NA</u>
Planned Area (ha)	<u>91.80</u>		
Reason(s) for Exceeding 100 ha	<u>N/A</u>		
Contractor	<u>Guimond Logging</u>		
Company Supervisor	<u>Armand Boulet</u>		
Harvest Equipment	<u>Mechanical Harvester, Grapple Skidder</u>		

Block Review / Approval Dates

IRMT 1st Review	<u>October 19, 2005</u>
Subsequent Review(s):	
Technical Review Completed	<u>November 1, 2005</u>
Commencement Date	<u>January 01, 2006.</u>
Final Inspection Date	

Block Strata Description

- Based on 14 Plots
- Base on Preharvest Survey Completed August 14, 2004

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic 100%	Shallow Organic	Species Composition	L60BS40	
Topography	Flat	Undul. 100%	Rough	Very Rough	% Bedrock for Rough & Very Rough				FEC Vtype	V30(70), V31(30)		
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated 100%	Stand Structure							Volume (m3)	For Harvest
Soil Depth	Deep 100%	Moderate	Shallow	Rocky	Age (yr)	Ht (m)	DBH (cm)	JP	Pine	Available	Planned	
Snags / Hectare	Softwood	<12 cm	12-30cm	>30 cm	62	20	15	BS	Spruce	5991.9	2996.0	
	Hardwood	371	29		85	16	17	WS	Other Softwood	7608.9	3804.5	
					L			TA	Total Softwood	13700.5	6850.2	
					BP			OH	Poplar	0.0	0.0	
Stems / Hectare	Merchantable Softwood		1,329		BP				Other Hardwood	287.2	143.6	
	Merchantable Hardwood		57		OH				Total Hardwood	287.2	143.6	
	Non-Merchantable		386						Total Volume	13987.7	6993.8	

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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 100%						
Treatment Type	Natural Regeneration						
Target Species	Black Spruce Tamarack						
Manitoba Conservation Standard	Softwood						

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Harvest Block Summary Form

Block FRD-02 A

Block Mitigation

Harvest & Renewal Design

Mature softwood stands - Harvest softwood , retain softwood patches and scattered trees where line of sight may be a problem.

Use rock outcrops where applicable to help address line of sight concerns.

Inblock roads will consist of 3.9 kilometers of class 4 winter roads.

Block identified mainly for Tamarack fuelwood. Block designated for roadside delimiting where limbing debris to be spread on landings and winter roads as per Manitoba Conservation Brush Disposal Guidelines.

In-Block Watercourses

50 meter buffer identified on in block watercourse.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block FRD-03 A

Last Prescription Revision: June 22, 2005.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t20r12ep	Ortho Tile(s) #	720 5610
Op. Area	Fredericks Lake	Road Mgmt Plan			N/A	Access Route	Trans Licence Road

AORP Plan

Year of Harvest	2005/2006	Contingency Block	No
Cut Season(s)	Winter	Contingency Criteria	N/A
Planned Area (ha)	20.40		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Guimond Logging		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical Harvester, Grapple Skidder		

Block Review / Approval Dates

IRMT 1st Review	October 19, 2005
Subsequent Review(s):	
Technical Review Completed	November 1, 2005
Commencement Date	January 01, 2006.
Final Inspection Date	

Block Strata Description

- Based on 4 Plots
- Base on Preharvest Survey Completed August 11, 2004

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic 100%	Shallow Organic	Species Composition	L7BS3					
Topography	Flat	Undul. 100%	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V31(50), V30(50)					
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated 100%							Stand Structure	Volume (m3)					
Soil Depth	Deep 100%	Moderate	Shallow	Rocky						Age (yr)	Ht (m)	DBH (cm)	For Harvest Available	Planned		
Snags / Hectare	Softwood	<12 cm	12-30cm	>30 cm						JP			Pine	0.0	0.0	
	Hardwood	50								BF			Spruce	1682.0	841.0	
										BS	84	13	16	Other Softwood	3769.9	1885.0
										WS				Total Softwood	5451.9	2726.0
										L	95	17	19	Poplar	0.0	0.0
										TA				Other Hardwood	0.0	0.0
										BP				Total Hardwood	0.0	0.0
										OH				Total Volume	5451.9	2726.0
Stems / Hectare	Merchantable Softwood			1,750												
	Merchantable Hardwood			-												
	Non-Merchantable			-												

- 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 100%						
Treatment Type	Natural Regeneration						
Target Species	Black Spruce Tamarack						
Manitoba Conservation Standard	Softwood						

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Harvest Block Summary Form

Block FRD-03 A

Block Mitigation

Harvest & Renewal Design

Mature softwood stands - Harvest softwood , retain softwood patches and scattered trees where line of sight may be a problem.

Use rock outcrops where applicable to help address line of sight concerns.

Inblock roads will consist of 1.0 kilometers of class 4 winter roads.

Block identified mainly for Tamarack fuelwood. Block designated for roadside delimiting where limbing debris to be spread on landings and winter roads as per Manitoba Conservation Brush Disposal Guidelines.

In-Block Watercourses

No inblock watercourses identified.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block FRD-04 A

Last Prescription Revision: June 22, 2005.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t20r12ep	Ortho Tile(s) #	720 5610
Op. Area	Fredericks Lake	Road Mgmt Plan			N/A	Access Route	Trans Licence Road

AORP Plan

Year of Harvest	2005/2006	Contingency Block	No
Cut Season(s)	Winter	Contingency Criteria	N/A
Planned Area (ha)	13.40		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Guimond Logging		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical Harvester, Grapple Skidder		

Block Review / Approval Dates

IRMT 1st Review	October 19, 2005
Subsequent Review(s):	
Technical Review Completed	November 1, 2005
Commencement Date	January 01, 2006.
Final Inspection Date	

Block Strata Description

- Based on 4 Plots
- Base on Preharvest Survey Completed August 11, 2004

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic 100%	Shallow Organic	Species Composition	L8BS2					
Topography	Flat	Undul. 100%	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V30(5), V31(25), V32(25)					
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated 100%							Stand Structure	Volume (m3)					
Soil Depth	Deep 100%	Moderate	Shallow	Rocky						Age (yr)	Ht (m)	DBH (cm)	For Harvest Available	Planned		
Snags / Hectare	Softwood	<12 cm 150	12-30cm	>30 cm						JP			Pine	0.0	0.0	
	Hardwood		50							BF			Spruce	452.3	226.1	
										BS	52	14	15	Other Softwood	2238.5	1119.2
										WS				Total Softwood	2690.7	1345.4
										L	55	19	21	Poplar	0.0	0.0
										TA				Other Hardwood	0.0	0.0
										BP				Total Hardwood	0.0	0.0
										OH				Total Volume	2690.7	1345.4
Stems / Hectare	Merchantable Softwood			1,300												
	Merchantable Hardwood			-												
	Non-Merchantable			150												

- 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 100%						
Treatment Type	Natural Regeneration						
Target Species	Black Spruce Tamarack						
Manitoba Conservation Standard	Softwood						

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Harvest Block Summary Form

Block FRD-04 A

Block Mitigation

Harvest & Renewal Design

Mature softwood stands - Harvest softwood , retain softwood patches and scattered trees where line of sight may be a problem.

Use rock outcrops where applicable to help address line of sight concerns.

Inblock roads will consist of .4 kilometers of class 4 winter roads.

Block identified mainly for Tamarack fuelwood. Block designated for roadside delimiting where limbing debris to be spread on landings and winter roads as per Manitoba Conservation Brush Disposal Guidelines.

In-Block Watercourses

No inblock watercourses identified.

Public / Other Resource Users Concerns -- Company Action
