



Harvest Block Summary Form

Block RL-03 A

Last Prescription Revision: December 22, 2008.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t19r12ep, t19r13 ep	Ortho Tile(s) #	720 5600
Op. Area	Round Lake	Road Mgmt Plan			N/A	Access Route	Trans License Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	Winter	Contingency Criteria	N/A
Planned Area (ha)	81.00		
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	January 1, 2010
Final Inspection Date	

Block Strata Description

- Based on 10 Plots
- Base on Preharvest Survey Completed February 08, 2008.

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic 90%	Shallow Organic 10%	Species Composition	BS 10					
Topography	Flat 100%	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V31 (100)					
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	260	40	<12 cm	12-30cm	>30 cm				JP			Pine	0.0	0.0	
	Hardwood									BF			Spruce	9399.2	9399.2	
										BS	98	14	13	Other Softwood	0.0	0.0
										WS				Total Softwood	9399.2	9399.2
										L				Poplar	0.0	0.0
										TA				Other Hardwood	0.0	0.0
										BP				Total Hardwood	0.0	0.0
										OH				Total Volume	9399.2	9399.2
Stems / Hectare	Merchantable Softwood			1,980												
	Merchantable Hardwood			-												
	Non-Merchantable			320												

- 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 90% BS-C 10%						
Treatment Type	Leave for Natural						
Target Species	Black spruce						
Manitoba Conservation Standard	Softwood						

CONTROLLED DOCUMENT

ANY PRINTED COPY OF THIS DOCUMENT IS NOT CONTROLLED
CHECK ORIGINAL PROCEDURE ON THE INTRANET TO ENSURE THIS COPY IS CURRENT



Harvest Block Summary Form

Block RL-03 A

Block Mitigation

Harvest & Renewal Design

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

Main access inblock winter roads will rely mainly on existing trails.

Site will be left to regenerate naturally.

In-Block Watercourses

A riparian buffer has been prescribed at the south end of the block along Round Lake and Little Bear River as per the block summary map. It includes:

A 30 meter reserve along Round Lake and Little Bear River.

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 RL-03 B

Last Prescription Revision: December 22, 2008.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t19r13ep	Ortho Tile(s) #	720 5600, 720 5610
Op. Area	Round Lake	Road Mgmt Plan			N/A	Access Route	Trans Licence Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	winter	Contingency Criteria	N/A
Planned Area (ha)	141.70	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	January 1, 2010
Final Inspection Date	

Block Strata Description

- Based on 16 Plots
- Base on Preharvest Survey Completed August 29, 2005

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic	Shallow Organic	Species Composition	BS7,BF1,TA1,BP1		
		38%				6%		25%	31%				
Topography	Flat	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V26(5),V30,31(15),V7(10),V25,27(5)		
	94%		6%			2%							
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated					Stand Structure		Volume (m3)	For Harvest		
		88%	13%					Age (yr)	Ht (m)	DBH (cm)	Available	Planned	
Soil Depth	Deep	Moderate	Shallow	Rocky				JP			441.0	441.0	
	25%	6%	63%	6%				BF	43	10	12	16642.7	16642.7
								BS	60	42	15	387.9	
								WS				17471.6	17083.7
								L				2871.2	
Snags / Hectare	Softwood	<12 cm	12-30cm	>30 cm				TA				0.0	
	Hardwood	238	63					BP				2871.2	
								OH				20342.8	17083.7
Stems / Hectare	Merchantable Softwood			1,600									
	Merchantable Hardwood				113								
	Non-Merchantable				300								

- 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 25% JP-C sh-rck 69% H-M 6%						
Treatment Type	Leave for Natural & Area Plant						
Target Species	Black Spruce White Spruce						
Manitoba Conservation Standard	Softwood Mixedwood for H-M						

CONTROLLED DOCUMENT

ANY PRINTED COPY OF THIS DOCUMENT IS NOT CONTROLLED
CHECK ORIGINAL PROCEDURE ON THE INTRANET TO ENSURE THIS COPY IS CURRENT



Harvest Block Summary Form

Block RL-03 B

Block Mitigation

Harvest & Renewal Design

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

Main access inblock winter roads will rely mainly on existing trails.

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

Swamps and shallow ridges will be left to regenerate naturally. Area planting of spruce will be done on upland areas

In-Block Watercourses

No inblock watercourses identified.

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 RL-05 A

Last Prescription Revision: December 22, 2008.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t19r12ep	Ortho Tile(s) #	7105610/7205610/7105600
Op. Area	Round Lake	Road Mgmt Plan			N/A	Access Route	Trans Licence Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	winter	Contingency Criteria	N/A
Planned Area (ha)	179.90	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	January 1, 2010
Final Inspection Date	

Block Strata Description

- Based on 16 Plots
- Base on Preharvest Survey Completed October 2, 2006

Surface Soil Text	Gravel	Sand 6%	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic 88%	Shallow Organic	Species Composition	BS100
Topography	Flat 100%	Undul.	Rough	Very Rough	% Bedrock for Rough & Very Rough				FEC Vtype	V30(95), V29(5)	
Soil Moisture	Arid / Dry	Moist / Very Moist 13%	Wet / Saturated 88%	Stand Structure				Volume (m3)		For Harvest Available Planned	
Soil Depth	Deep 94%	Moderate	Shallow 6%	Rocky	Age (yr)	Ht (m)	DBH (cm)	Pine	0	0	
Snags / Hectare	Softwood	<12 cm 288	12-30cm 138	>30 cm	JP			Spruce	21781	21781	
Stems / Hectare	Merchantable Softwood	1,338			BS	89	14	15	Other Softwood	0	0
	Merchantable Hardwood	-			WS				Total Softwood	21781	21781
	Non-Merchantable	263			L				Poplar	0	0
					TA				Other Hardwood	0	0
					BP				Total Hardwood	0	0
					OH				Total Volume	21781	21781

- 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 94% BS-C 6%						
Treatment Type	Leave for Natural						
Target Species	Black spruce						
Manitoba Conservation Standard	Softwood						

CONTROLLED DOCUMENT

ANY PRINTED COPY OF THIS DOCUMENT IS NOT CONTROLLED
CHECK ORIGINAL PROCEDURE ON THE INTRANET TO ENSURE THIS COPY IS CURRENT



Harvest Block Summary Form

Block RL-05 A

Block Mitigation

Harvest & Renewal Design

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

Main access inblock winter roads will total 12 kilometers.

Site will be left to regenerate naturally.

In-Block Watercourses

Bear River borders the block to the west.

An assortment of riparian buffers have been prescribed for the block as per the block summary map. They include:

A 100 meter riparian management area that consists of a 50 meter reserve zone and a 50 meter management zone along the Bear River. A selective harvest of softwoods within the mixedwood riparian area is prescribed for the Management Zone. Where patches of softwoods greater than 1500 square meters in size occur within the management zone only 50 percent of the merchantable softwood trees will be removed within the patch.

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 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.

A Machine Free Zone (MFZ) Approximately 7 meters. Harvesting is permitted in this zone by reaching in with harvesting equipment.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block RL-05 B

Last Prescription Revision: December 22, 2008.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	T19R12EP	Ortho Tile(s) #	720 5600, 720 5610
Op. Area	Round Lake	Road Mgmt Plan			N/A	Access Route	Trans Licence Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	Winter	Contingency Criteria	N/A
Planned Area (ha)	65.60		
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	January 1, 2010
Final Inspection Date	

Block Strata Description

- Based on 8 Plots
- Base on Preharvest Survey Completed January 28, 2008

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic 100%	Shallow Organic	Species Composition	BS10					
Topography	Flat 100%	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V31 (100)					
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	100	75	<12 cm	12-30cm	>30 cm				JP			Pine	0.0	0.0	
Stems / Hectare	Merchantable Softwood		1,900							BF			Spruce	8114.7	8114.7	
	Merchantable Hardwood		-							BS	110	13	14	Other Softwood	0.0	0.0
	Non-Merchantable		300							WS				Total Softwood	8114.7	8114.7
										L				Poplar	0.0	0.0
										TA				Other Hardwood	0.0	0.0
										BP				Total Hardwood	0.0	0.0
										OH				Total Volume	8114.7	8114.7

- 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	Leave for Natural						
Target Species	Black spruce						
Manitoba Conservation Standard	Softwood						

CONTROLLED DOCUMENT

ANY PRINTED COPY OF THIS DOCUMENT IS NOT CONTROLLED
CHECK ORIGINAL PROCEDURE ON THE INTRANET TO ENSURE THIS COPY IS CURRENT



Harvest Block Summary Form

Block RL-05 B

Block Mitigation

Harvest & Renewal Design

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

Main access inblock winter roads will total 12 kilometers.

Site will be left to regenerate naturally.

In-Block Watercourses

A riparian buffer has been prescribed at the north end of 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 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 from the patch.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block RL-05 C

Last Prescription Revision: December 22, 2005.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t19r12ep	Ortho Tile(s) #	7105610
Op. Area	Round Lake	Road Mgmt Plan			N/A	Access Route	Trans Licence Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	Winter	Contingency Criteria	N/A
Planned Area (ha)	169.30	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	January 1, 2010
Final Inspection Date	

Block Strata Description

- Based on 18 Plots
- Base on Preharvest Survey Completed June 19, 2006

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic	Shallow Organic	Species Composition	BS40,JP10,WS10,TA40
		33%	11%		11%	39%		6%			
Topography	Flat	Undul.	Rough	Very Rough	% Bedrock for Rough & Very Rough				FEC Vtype	V8(25), V5,V9,V17,V26(15), V7,V13,V30(5)	
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated	Stand Structure				Volume (m3)		For Harvest	
	11%	83%	6%		Age (yr)	Ht (m)	DBH (cm)			Available	Planned
Soil Depth	Deep	Moderate	Shallow	Rocky	JP	59	17	23	Pine	1823	1823
	44%	33%	22%		BF				Spruce	12504	12504
Snags / Hectare	<12 cm		12-30cm	>30 cm	BS	51	15	18	Other Softwood	0	0
	Softwood	33	22		WS	51	14	22	Total Softwood	14327	14327
	Hardwood	33		11	L				Poplar	8025	
					TA	35	16	16	Other Hardwood	412	
Stems / Hectare	Merchantable Softwood			567	BP				Total Hardwood	8437	
	Merchantable Hardwood			522	OH				Total Volume	22763	14327
	Non-Merchantable			178							

- 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-M WS-M TA-H H-M JP-C dp-thinO BS-C BS-org						
Treatment Type	Area Plant Leave for Natural						
Target Species	Black Spruce White Spruce						
Manitoba Conservation Standard	Mixdwood-M 82% Softwood 18%						

CONTROLLED DOCUMENT

ANY PRINTED COPY OF THIS DOCUMENT IS NOT CONTROLLED
CHECK ORIGINAL PROCEDURE ON THE INTRANET TO ENSURE THIS COPY IS CURRENT



Harvest Block Summary Form

Block RL-05 C

Block Mitigation

Harvest & Renewal Design

- Mature mixedwood stands - Harvest softwood, retain hardwood and softwood clumps where line of sight will exceed 400 meters.
- Bear River borders the block to the north.
- Main access inblock winter roads will total 12 kilometers.
- Winter access only. Will be area planted with black & white spruce in mixedwood sites. Swamps and ridges will be left to regenerate naturally.

In-Block Watercourses

Bear River borders the block to the north.

An assortment of riparian buffers have been prescribed for the block as per the block summary map. They include:

- A 100 meter riparian management area that consists of a 50 meter reserve zone and a 50 meter management zone along the Bear River. A selective harvest of softwoods within the mixedwood is prescribed for the Management Zone. Where patches of softwoods greater than 1500 square meters in size occur within the management zone only 50 percent of the merchantable softwood trees will be removed from the patch.
- 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 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 from the patch.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block RL-05 D

Block Mitigation

Harvest & Renewal Design

- Mature hardwood stands - Harvest softwood (primarily Spruce) , retain treed clumps where line of sight will exceed 400 meters.
- Main access inblock winter roads will total 12 kilometers.
- Bear River borders the block to the north.
- In-fill planting of white spruce at low densities (800 to 1000 stems/ha) will be done in selectively harvested stands. Swamps will be left to regenerate naturally

In-Block Watercourses

- Bear River borders the block to the north.
- An assortment of riparian buffers have been prescribed for the block as per the block summary map. They include:
 - A 100 meter riparian management area that consists of a 50 meter reserve zone and a 50 meter management zone along the Bear River. A selective harvest of softwoods within the hardwood is prescribed for the Management Zone. Where patches of softwoods greater than 1500 square meters in size occur within the management zone only 50 percent of the merchantable softwood trees will be removed from the patch.
 - A 30 meter reserve zone where no harvesting will take place.
 - A Machine Free Zone (MFZ) Approximately 7 meters. Harvesting is permitted in this zone by reaching in with harvesting equipment.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block RL-05 E

Last Prescription Revision: December 22, 2008.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t19r12ep	Ortho Tile(s) #	710 5610
Op. Area	Round Lake	Road Mgmt Plan			N/A	Access Route	Trans Licence Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	winter	Contingency Criteria	N/A
Planned Area (ha)	53.80		
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	January 01, 2010.
Final Inspection Date	

Block Strata Description

- Based on 8 Plots
- Base on Preharvest Survey Completed 09/29/2006

Surface Soil Text	Gravel	Sand 38%	S. Loam	Loam	C. Loam	Clay 13%	Silt	Deep Organic 38%	Shallow Organic 13%	Species Composition	BS70,JP15,WS10					
Topography	Flat 100%	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V26(50), V30(40), V9(10)					
Soil Moisture	Arid / Dry	Moist / Very Moist 63%	Wet / Saturated 38%							Stand Structure	Volume (m3)					
Soil Depth	Deep 50%	Moderate	Shallow 50%	Rocky						Age (yr)	Ht (m)	DBH (cm)	For Harvest Available	Planned		
Snags / Hectare	Softwood	<12 cm	12-30cm	>30 cm						JP			Pine	712.9	712.9	
	Hardwood		25							BF			Spruce	3545.4	3545.4	
										BS	56	12	15	Other Softwood	0.0	0.0
										WS				Total Softwood	4258.3	4258.3
										L				Poplar	188.3	
										TA	21	12	12	Other Hardwood	0.0	0.0
										BP				Total Hardwood	188.3	
										OH				Total Volume	4446.6	4258.3
Stems / Hectare	Merchantable Softwood															
	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	JP-C sh-rck JP-C dp-thinO H-M 62% BS-Org 38%						
Treatment Type	Area Plant Leave for Natural						
Target Species	Black Spruce White Spruce Jack Pine						
Manitoba Conservation Standard	Softwood						

CONTROLLED DOCUMENT

ANY PRINTED COPY OF THIS DOCUMENT IS NOT CONTROLLED
CHECK ORIGINAL PROCEDURE ON THE INTRANET TO ENSURE THIS COPY IS CURRENT



Harvest Block Summary Form

Block RL-05 E

Block Mitigation

Harvest & Renewal Design

- Mature softwood stands - Harvest softwood (primarily Spruce) , retain treed clumps where line of sight will exceed 400 meters.
- Main access inblock winter roads will total 12 kilometers.
- Evidence of Spruce Budworm Damage (mortality has occurred).
- Winter access only. Site will be area planted with spruce and some pine. Swamps will be left to regenerate naturally.

In-Block Watercourses

No inblock watercourses identified.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block RL-05 F

Last Prescription Revision: December 22, 2010.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t19r12ep	Ortho Tile(s) #	710 5610, 720 5610
Op. Area	Round Lake	Road Mgmt Plan			N/A	Access Route	Trans Licence Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	winter	Contingency Criteria	N/A
Planned Area (ha)	84.60		
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	January 01, 2010.
Final Inspection Date	

Block Strata Description

- Based on 10 Plots
- Base on Preharvest Survey Completed October 2, 2006

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic	Shallow Organic	Species Composition	BS60,WS25,TA15				
		50%	20%		10%	10%		10%							
Topography	Flat	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V17(30), V26(30), V9,V20,V27,V30(10)				
	90%	10%													
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated							Stand Structure	Volume (m3)				
		90%	10%							Age (yr)	Ht (m)	DBH (cm)	For Harvest Available	Planned	
Soil Depth	Deep	Moderate	Shallow	Rocky						JP			Pine	0.0	
	30%	30%	40%							BF			Spruce	7830.6	
Snags / Hectare		<12 cm	12-30cm	>30 cm						BS	58	14	15	Other Softwood	0.0
	Softwood	240	20							WS	54	16	17	Total Softwood	7830.6
	Hardwood									L				Poplar	1389.1
										TA	26	14	13	Other Hardwood	0.0
Stems / Hectare	Merchantable Softwood									BP				Total Hardwood	1389.1
	Merchantable Hardwood									OH				Total Volume	9219.7
	Non-Merchantable														7830.6

- 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-C WS-M H-M						
Treatment Type	BS-Org JP-C dp-thinO						
Target Species	Area Plant						
	Leave for Natural						
	Black Spruce						
	White Spruce						
Manitoba Conservation Standard	Softwood						



Harvest Block Summary Form

Block RL-05 F

Block Mitigation

Harvest & Renewal Design

- Mature softwood stands - Harvest softwood (primarily Spruce) , retain treed clumps where line of sight will exceed 400 meters.
- Main access inblock winter roads will total 12 kilometers.
- Evidence of Spruce Budworm Damage (mortality has occurred).
- Area plant with black and white spruce. Swamps will be left to regenerate naturally.

In-Block Watercourses

No inblock watercourses identified.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block RL-05 G

Last Prescription Revision: December 22, 2008.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t19r12ep	Ortho Tile(s) #	710 5610, 720 5610
Op. Area	Round Lake	Road Mgmt Plan			N/A	Access Route	Trans Licence Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	winter	Contingency Criteria	N/A
Planned Area (ha)	89.70		
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	January 01, 2010.
Final Inspection Date	

Block Strata Description

- Based on 10 Plots
- Base on Preharvest Survey Completed October 1, 2006

Surface Soil Text	Gravel	Sand 10%	S. Loam 10%	Loam 10%	C. Loam	Clay	Silt	Deep Organic 20%	Shallow Organic 50%	Species Composition	BS(10)
Topography	Flat 100%	Undul.	Rough	Very Rough	% Bedrock for Rough & Very Rough				FEC Vtype	V26(90), V30(10)	
Soil Moisture	Arid / Dry	Moist / Very Moist 90%	Wet / Saturated 10%	Stand Structure				Volume (m3)	For Harvest Available Planned		
Soil Depth	Deep 10%	Moderate 30%	Shallow 60%	Rocky	Age (yr)	Ht (m)	DBH (cm)	Pine	0.0		
Snags / Hectare	Softwood	<12 cm 60	12-30cm 20	>30 cm	JP			Spruce	10753.2	10753.2	
Stems / Hectare	Merchantable Softwood	1,160			BS	60	12	14	Other Softwood	0.0	
	Merchantable Hardwood	40			WS			Total Softwood	10753.2		
	Non-Merchantable	260			L			Poplar	0.0		
					TA			Other Hardwood	278.1		
					BP			Total Hardwood	278.1		
					OH			Total Volume	11031.3	10753.2	

- 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-C 80%						
Treatment Type	BS-org 20%						
Target Species	Area plant						
Manitoba Conservation Standard	Leave for Natural						
	Black Spruce						
	Softwood						



Harvest Block Summary Form

Block RL-05 G

Block Mitigation

Harvest & Renewal Design

- Mature softwood stands - Harvest softwood (primarily Spruce) , retain treed clumps where line of sight will exceed 400 meters.
- Main access inblock winter roads will total 12 kilometers.
- Evidence of Spruce Budworm Damage (mortality has occurred).
- Area plant to black spruce on upland ground. Leave swamps to regenerate naturally.

In-Block Watercourses

- A riparian buffer has been prescribed for the block as per the block summary map. It consists of a:
 - A Machine Free Zone (MFZ) Approximately 7 meters that is located at the north end of the block. Harvesting is permitted in this zone by reaching in with harvesting equipment.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block RL-06 A

Last Prescription Revision: December 22, 2008.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t19r12ep	Ortho Tile(s) #	720 5610
Op. Area	Round Lake	Road Mgmt Plan			N/A	Access Route	Trans Licence Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	winter	Contingency Criteria	N/A
Planned Area (ha)	7.30		
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	January 01, 2010.
Final Inspection Date	

Block Strata Description

- Based on 4 Plots
- Base on Preharvest Survey Completed November 2, 2006

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic 350%	Shallow Organic	Species Composition	BS10			
Topography	Flat 100%	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V30(100)			
Soil Moisture	Arid / Dry	Moist / Very Moist 25%	Wet / Saturated 75%							Stand Structure	Volume (m3)			
Soil Depth	Deep 100%	Moderate	Shallow	Rocky						Age (yr)	Ht (m)	DBH (cm)	For Harvest Available	Planned
Snags / Hectare	Softwood	Hardwood	<12 cm	12-30cm	>30 cm					JP			Pine	0.0
Stems / Hectare	Merchantable Softwood			1,550						BF			Spruce	653.0
	Merchantable Hardwood			-						BS	82	14	14	653.0
	Non-Merchantable			450						WS			Other Softwood	0.0
										L			Total Softwood	653.0
										TA			Poplar	0.0
										BP			Other Hardwood	0.0
										OH			Total Hardwood	0.0
													Total Volume	653.0
														653.0

- 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 100%						
Treatment Type	Leave for Natural						
Target Species	Black spruce						
Manitoba Conservation Standard	Softwood						

CONTROLLED DOCUMENT

ANY PRINTED COPY OF THIS DOCUMENT IS NOT CONTROLLED
CHECK ORIGINAL PROCEDURE ON THE INTRANET TO ENSURE THIS COPY IS CURRENT



Harvest Block Summary Form

Block RL-06 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 winter roads will total 1.3 kilometers.

Site will be left to regenerate naturally.

In-Block Watercourses

A riparian buffer has been prescribed for the block as per the block summary map. The riparian buffer tends to be mixed wood. It consists of a:

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 is prescribed for the Management Zone. Limit patch size openings not to exceed 300 square meters. Equivalent size residual leave patches of mature timber are to be left unharvested within the Management Zone.

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 RL-06 B

Last Prescription Revision: December 17, 2008.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t19r12ep	Ortho Tile(s) #	720 5610
Op. Area	Round Lake	Road Mgmt Plan			N/A	Access Route	Trans Licence Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	winter	Contingency Criteria	N/A
Planned Area (ha)	19.00		
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	January 1, 2010
Final Inspection Date	

Block Strata Description

- Based on 4 Plots
- Base on Preharvest Survey Completed October 5, 2006

Surface Soil Text	Gravel	Sand 50%	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic	Shallow Organic 50%	Species Composition	JP5,BS5					
Topography	Flat 50%	Undul. 25%	Rough 25%	Very Rough		6%	% Bedrock for Rough & Very Rough			FEC Vtype	V26(10)					
Soil Moisture	Arid / Dry 25%	Moist / Very Moist 75%	Wet / Saturated							Stand Structure	Volume (m3)					
Soil Depth	Deep	Moderate	Shallow 100%	Rocky						Age (yr)	Ht (m)	DBH (cm)	For Harvest Available	Planned		
Snags / Hectare	Softwood	<12 cm	12-30cm	>30 cm						JP	48	15	15	Pine	986.1	986.10
	Hardwood									BF				Spruce	972.8	972.80
										BS	66	14	17	Other Softwood	-	-
										WS				Total Softwood	1,958.9	
										L				Poplar	9.5	
										TA				Other Hardwood	-	-
										BP				Total Hardwood	9.5	
										OH				Total Volume	1,968.4	1,958.90
Stems / Hectare	Merchantable Softwood															
	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	JP-C sh-rck JP-C dp-thinO JP-C dp-thickO						
Treatment Type	Area Plant						
Target Species	Jack Pine Black Spruce						
Manitoba Conservation Standard	Softwood						

CONTROLLED DOCUMENT

ANY PRINTED COPY OF THIS DOCUMENT IS NOT CONTROLLED
CHECK ORIGINAL PROCEDURE ON THE INTRANET TO ENSURE THIS COPY IS CURRENT



Harvest Block Summary Form

Block RL-06 B

Block Mitigation

Harvest & Renewal Design

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

Main access inblock winter roads will total 1.3 kilometers.

Winter access only. Block with be area planted to a mixture of black spruce and jack pine.

In-Block Watercourses

A portion of the 50 meter management zone that is prescribed for Bear River falls within this block. Small patch cuts involving the harvest of softwoods within this softwood strata is prescribed for the Management Zone. Patch cuts are not to exceed 1500 square meters in size. Equivalent size residual leave patches of mature timber are to be left unharvested within the Management Zone.

Public / Other Resource Users Concerns -- Company Action



Harvest Block Summary Form

Block RL-06 C

Last Prescription Revision: December 17, 2008.

Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t19r12ep	Ortho Tile(s) #	720 5610
Op. Area	Round Lake	Road Mgmt Plan			N/A	Access Route	Trans Licence Road

AORP Plan

Year of Harvest	2009/2010	Contingency Block	No
Cut Season(s)	Winter	Contingency Criteria	N/A
Planned Area (ha)	122.00	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	January 1, 2010
Final Inspection Date	

Block Strata Description

- Based on 11 Plots
- Base on Preharvest Survey Completed june/15/2006

Surface Soil Text	Gravel	Sand 36%	S. Loam	Loam	C. Loam 64%	Clay	Silt	Deep Organic	Shallow Organic	Species Composition	TA45BS3WS2			
Topography	Flat 100%	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V13(50)V9(20)V5,18,29(10)			
Soil Moisture	Arid / Dry 9%	Moist / Very Moist 91%	Wet / Saturated							Stand Structure	Volume (m3)			
Soil Depth	Deep 82%	Moderate 9%	Shallow 9%	Rocky						Age (yr)	Ht (m)	DBH (cm)	For Harvest Available	Planned
Snags / Hectare	Softwood	<12 cm 36	12-30cm	>30 cm						JP			Pine	0.0
	Hardwood	18								BF	55	10	Spruce	8757.4
										BS	55	16	Other Softwood	0.0
										WS	68	17	Total Softwood	8757.4
										L			Poplar	7173.6
										TA	69	22	Other Hardwood	0.0
										BP			Total Hardwood	7173.6
										OH			Total Volume	15931.0
Stems / Hectare	Merchantable Softwood				509									8757.4
	Merchantable Hardwood				218									
	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-M BS-C WS-M TA-H						
Treatment Type	Area Plant						
Target Species	Black Spruce White Spruce						
Manitoba Conservation Standard	Mixedwood-M						

CONTROLLED DOCUMENT

ANY PRINTED COPY OF THIS DOCUMENT IS NOT CONTROLLED
CHECK ORIGINAL PROCEDURE ON THE INTRANET TO ENSURE THIS COPY IS CURRENT



Harvest Block Summary Form

Block RL-06 C

Block Mitigation

Harvest & Renewal Design

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

Main access inblock winter roads will total 1.3 kilometers.

Winter access only. Block with be area planted to a mixture of black & white spruce.

In-Block Watercourses

An assortment of riparian buffers have been prescribed for the block as per the block summary map. They include:

A 100 meter riparian management area that consists of a 50 meter reserve zone and a 50 meter management zone along the Bear River. A selective harvest of softwoods within the mixedwood strata is prescribed for the Management Zone. Where patches of softwoods greater than 1500 square meters in size occur within the management zone only 50 percent of the merchantable softwood trees will be removed within the patch.

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