



# Harvest Block Summary Form

## Block 702 B

Last Prescription Revision: June 22, 2005.

### Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t22r11ep	Ortho Tile(s) #	7005630
Op. Area	Black River South	Road Mgmt Plan	-----	Access Route	Black River East Road.		

### AORP Plan

Year of Harvest	2005/2006	Contingency Block	N/A
Cut Season(s)	All Season	Contingency Criteria	N/A
Planned Area (ha)	40.80		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	O'Hanley Enterprises		
Company Supervisor	Armand Boulet		
Harvest Equipment	Line Skidders		

### 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  
\*\* Based on Preharvest Survey Completed Sept. 27, 2000 & May 28, 2001

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic	Shallow Organic	Species Composition	JP6BS2TL2					
			50%		13%			25%	13%							
Topography	Flat	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V28 (37.5), V26 (25), V20 (25), V15 (12.5)					
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated							Stand Structure	Volume (m3)					
	25%	38%	38%							Age (yr)	Ht (m)	DBH (cm)	For Harvest Available	Planned		
Soil Depth	Deep	Moderate	Shallow	Rocky						JP	61	19	18	Pine	3,815.8	3350.0
	25%	38%	25%	13%						BF				Spruce	1,453.5	1650.0
Snags/Hectare		<12 cm	12-30cm	>30 cm						BS	84	16	15	Other Softwood	1,085.3	
	Softwood	250	100							WS	41	12	18	Total Softwood	6,354.6	5000.0
	Hardwood	50								L	74	25	26	Poplar	20.4	
										TA				Other Hardwood		
Stems / Hectare	Merchantable Softwood			1,300						BP				Total Hardwood	20.4	
	Merchantable Hardwood			50						OH				Total Volume	6,375.0	5000.0
	Non-Merchantable			200												

\*\*\* 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 (60%)			JP-C dp-thinO (27%)		JP-M (13%)	
Treatment Type	Natural Regeneration			Plant		Plant	
Target Species	Black Spruce Jack Pine			Jack Pine		Jack Pine	
Manitoba Conservation Standard	Softwood			Softwood		Softwood	



## Harvest Block Summary Form Block 702 B

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### Block Mitigation

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#### Harvest & Renewal Design

Mature softwood - Harvest softwood and incidental Poplar, retain hardwood or softwood patches and or scattered trees where line of sight may be a problem.

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

No spraying within proposed buffer along Black River

Access will be via Black River East Grade and existing trails.

A major clean up took place in this block during the winter of 2002 and 2003.

A total of 1.3 kilometers of main access winter road is proposed for the block in addition to 2.8 kilometers of class 3 A grade.

**Separate permits by operator will be issued by Manitoba Conservation.**

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#### In-Block Watercourses

Prescribe 100 meter buffer on the Black River from the waters edge.

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#### Public / Other Resource Users Concerns -- Company Action

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# Harvest Block Summary Form

## Block 703 A

Last Prescription Revision: September 13, 2005.

### Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t22r10ep	Ortho Tile(s) #	7005630
Op. Area	Black River North	Road Mgmt Plan	-----	Access Route	Black River East Road		

### AORP Plan

Year of Harvest	2005/2006	Contingency Block	Yes
Cut Season(s)	Winter	Contingency Criteria	To provide additional volume if required.
Planned Area (ha)	21.96		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Langford Guimond		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical Harvester, delimb on site		

### Block Review / Approval Dates

IRMT 1st Review	October 19, 2005
Subsequent Review(s):	
Technical Review Completed	November 1, 2005
Commencement Date	N/A
Final Inspection Date	

### Block Strata Description

- Based on 4 Plots  
- Based on Preharvest Survey Completed July 25, 2001

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 (75), 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	12-30cm	>30 cm						JP			Pine	
	Hardwood	250								BF			Spruce	2,926.3
		50								BS	63	13	Other Softwood	
										WS			Total Softwood	2,926.3
										L			Poplar	11.0
										TA			Other Hardwood	
										BP			Total Hardwood	11.0
										OH			Total Volume	2,937.3
Stems / Hectare	Merchantable Softwood			2,350										
	Merchantable Hardwood			50										
	Non-Merchantable			600										

- 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						
Manitoba Conservation Standard	Softwood						

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# Harvest Block Summary Form

## Block 703 A

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### Block Mitigation

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#### Harvest & Renewal Design

Mature softwood - Harvest softwood and incidental Poplar, retain hardwood or softwood patches and or scattered trees where line of sight may be a problem.

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

Access will be via Black River East Grade and existing trails.

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#### In-Block Watercourses

A 100 meter buffer is prescribed for Black River.

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#### Public / Other Resource Users Concerns -- Company Action

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# Harvest Block Summary Form

## Block 703 B

Last Prescription Revision: September 13, 2005.

### Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t22r10ep	Ortho Tile(s) #	7005630
Op. Area	Black River North	Road Mgmt Plan	-----	Access Route	Black River East Road		

### AORP Plan

Year of Harvest	2005/2006	Contingency Block	Yes
Cut Season(s)	Winter	Contingency Criteria	To provide additional volume if required.
Planned Area (ha)	14.62		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Langford Guimond		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical Harvester, delimb on site		

### Block Review / Approval Dates

IRMT 1st Review	October 19, 2005
Subsequent Review(s):	
Technical Review Completed	November 1, 2005
Commencement Date	N/A
Final Inspection Date	

### Block Strata Description

- Based on 4 Plots  
- Based on Preharvest Survey Completed July 25, 2001

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic 100%	Shallow Organic	Species Composition	BS9JP1
Topography	Flat 100%	Undul.	Rough	Very Rough	% Bedrock for Rough & Very Rough				FEC Vtype	V28 (25), V31 (25), V32 (25), V33 (25)	
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated	50%	50%	Stand Structure				Volume (m3)	For Harvest Available Planned
Soil Depth	Deep 100%	Moderate	Shallow	Rocky		Age (yr)	Ht (m)	DBH (cm)			
Snags/Hectare	Softwood	<12 cm	12-30cm	>30 cm							
Stems / Hectare	Merchantable Softwood			2,050							
	Merchantable Hardwood			50							
	Non-Merchantable			1,150							

- 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 BS-M (100%)						
Treatment Type	Natural Regeneration						
Target Species	Black Spruce						
Manitoba Conservation Standard	Softwood						

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# Harvest Block Summary Form

## Block 703 B

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### Block Mitigation

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#### Harvest Design Related to Forest Strata Condition

Mature softwood - Harvest softwood and incidental Poplar, retain hardwood or softwood patches and or scattered trees where line of sight may be a problem.

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

Some blowdown was encountered in the strata.

Access will be via Black River East Grade and existing trails.

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#### In-Block Watercourses

A 100 meter buffer is prescribed for Black River.

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#### Public / Other Resource Users Concerns -- Company Action

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# Harvest Block Summary Form

## Block 703 C

Last Prescription Revision: September 13, 2005.

### Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t22r10/11ep	Ortho Tile(s) #	7005630
Op. Area	Black River North	Road Mgmt Plan	-----	Access Route	Black River East Road		

### AORP Plan

Year of Harvest	2005/2006	Contingency Block	Yes
Cut Season(s)	Winter	Contingency Criteria	To provide additional volume if required.
Planned Area (ha)	15.65		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Langford Guimond		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical Harvester, delimb on site.		

### Block Review / Approval Dates

IRMT 1st Review	October 19, 2005
Subsequent Review(s):	
Technical Review Completed	November 1, 2005
Commencement Date	N/A
Final Inspection Date	

### Block Strata Description

- Based on 5 Plots  
- Based on Preharvest Survey Completed May 30 & July 25, 2001

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic	Shallow Organic	Species Composition	BS3TL3JP2TA2				
		20%	20%					60%							
Topography	Flat	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V31 (40), V17 (20), V20 (20), V26 (20)				
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated							Stand Structure	Volume (m3)				
		40%	60%							Age (yr)	Ht (m)	DBH (cm)	For Harvest Available	Planned	
Soil Depth	Deep	Moderate	Shallow	Rocky						JP	62	19	18	Pine	461.9
	60%		40%							BF				Spruce	885.1
Snags/Hectare		<12 cm	12-30cm	>30 cm						BS	61	16	15	Other Softwood	890.1
	Softwood	280								WS				<b>Total Softwood</b>	<b>2,237.0</b>
	Hardwood	40	40							L	85	17	16	Poplar	440.0
										TA				Other Hardwood	
Stems / Hectare	Merchantable Softwood									BP				<b>Total Hardwood</b>	<b>440.0</b>
	Merchantable Hardwood									OH				<b>Total Volume</b>	<b>2,677.1</b>
	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 BS-M JP- C sh-rck (100%)						
Treatment Type	Natural Regeneration						
Target Species	Black Spruce Jack Pine						
Manitoba Conservation Standard	Softwood						

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# Harvest Block Summary Form

## Block 703 C

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### Block Mitigation

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#### Harvest & Renewal Design

Mature softwood - Harvest softwood and incidental Poplar, retain hardwood or softwood patches and or scattered trees where line of sight may be a problem.

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

Access will be via Black River East Grade and existing trails.

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#### In-Block Watercourses

A 100 meter buffer is prescribed for Black River.

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#### Public / Other Resource Users Concerns -- Company Action

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# Harvest Block Summary Form

## Block 703 D

Last Prescription Revision: September 12, 2005.

### Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t22r10/11ep	Ortho Tile(s) #	7005630
Op. Area	Black River North	Road Mgmt Plan	-----	Access Route	Black River East Road		

### AORP Plan

Year of Harvest	2005/2006	Contingency Block	Yes
Cut Season(s)	Winter	Contingency Criteria	To provide additional volume if required.
Planned Area (ha)	10.00		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Langford Guimond		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical Harvester, delimb on site.		

### Block Review / Approval Dates

IRMT 1st Review	October 19, 2005
Subsequent Review(s):	
Technical Review Completed	November 1, 2005
Commencement Date	N/A
Final Inspection Date	

### Block Strata Description

- Based on 4 Plots  
- Based on Preharvest Survey Completed September 29, 2000.

<b>Surface Soil Text</b>	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic 100%	Shallow Organic	<b>Species Composition</b>	<b>BS 10</b>	
<b>Topography</b>	Flat 100%	Undul.	Rough	Very Rough	% Bedrock for Rough & Very Rough				<b>FEC Vtype</b>	<b>V30 (100%)</b>		
<b>Soil Moisture</b>	Arid / Dry	Moist / Very Moist	Wet / Saturated 100%	<b>Stand Structure</b>							<b>Volume (m3)</b>	<b>For Harvest Available Planned</b>
<b>Soil Depth</b>	Deep 25%	Moderate 75%	Shallow	Rocky	Age (yr)	Ht (m)	DBH (cm)	JP	Pine			
<b>Snags/Hectare</b>	Softwood	<12 cm	12-30cm	>30 cm	108	15	13	BF	Spruce	1,336.2		
	Hardwood				WS			BS	Other Softwood			
<b>Stems / Hectare</b>	Merchantable Softwood				L			L	<b>Total Softwood</b>	<b>1,336.2</b>		
	Merchantable Hardwood				TA			TA	Poplar			
	Non-Merchantable				BP			BP	Other Hardwood			
					OH			OH	<b>Total Hardwood</b>			
									<b>Total Volume</b>	<b>1,336.2</b>		

- 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
<b>Treatment Unit</b>	BS-Org (100%)						
<b>Treatment Type</b>	Natural Regeneration						
<b>Target Species</b>	Black Spruce						
<b>Manitoba Conservation Standard</b>	Softwood						

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# Harvest Block Summary Form

**Block 703 D**

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## Block Mitigation

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### Harvest & Renewal Design

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

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

Access will be via Black River East Grade and existing trails.

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### In-Block Watercourses

A 100 meter buffer is prescribed for Black River.

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### Public / Other Resource Users Concerns -- Company Action



# Harvest Block Summary Form

## Block 704 A

Last Prescription Revision: June 22, 2005

### Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t22r11ep	Ortho Tile(s) #	7005630/7105630
Op. Area	Black River South	Road Mgmt Plan			N/A	Access Route	Black River East Road

### AORP Plan

Year of Harvest	2005/2006	Contingency Block	No
Cut Season(s)	All Season	Contingency Criteria	N/A
Planned Area (ha)	125.00	Reason(s) for Exceeding 100 ha Natural landscape will break up the harvest area.	
Contractor	Billy Bird/O'Hanley Enterprises		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical Harvester, delimb on site.		

### Block Review / Approval Dates

IRMT 1st Review	October 19, 2005
Subsequent Review(s):	
Technical Review Completed	November 1, 2005
Commencement Date	N/A
Final Inspection Date	

### Block Strata Description

- Based on 16 Plots  
- Based on Preharvest Survey Completed September 8, 2000

Surface Soil Text	Gravel	Sand 12%	S. Loam 38%	Loam	C. Loam 12%	Clay	Silt	Deep Organic	Shallow Organic 37%	Species Composition	BS8JP2
Topography	Flat	Undul.	Rough 100%	Very Rough	% Bedrock for Rough & Very Rough				FEC Vtype	V29 (44%), V26 (25%), V28 (13%), V7 (6%), V31 (6%), V32 (6%)	
Soil Moisture	Arid / Dry 38%	Moist / Very Moist 50%	Wet / Saturated 13%	Stand Structure				Volume (m3)			
Soil Depth	Deep 13%	Moderate	Shallow	Rocky 25%	Age (yr)	Ht (m)	DBH (cm)	For Harvest		Available	Planned
Snags/Hectare	Softwood	<12 cm 188	12-30cm 125	>30 cm 25	JP	20	17	Pine	4,361.0	2,500.0	
Stems / Hectare	Merchantable Softwood	1,225			BF			Spruce	10,989.0	6,000.0	
	Merchantable Hardwood	50			BS	56	15	Other Softwood			
	Non-Merchantable	200			WS			Total Softwood	15,350.0	8,500.0	
					L			Poplar	947.0	100.0	
					TA	16	23	Other Hardwood			
					BP			Total Hardwood	947.0	100.0	
					OH			Total Volume	16,297.0	8,600.0	

- 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	40%					60%	
Treatment Type	Natural Regeneration					Plant	
Target Species	Black Spruce Jack Pine					Black Spruce	
Manitoba Conservation Standard	Softwood					Softwood	

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# Harvest Block Summary Form

## Block 704 A

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### Block Mitigation

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#### Harvest & renewal Design

- Mature softwood - Harvest softwood and incidental Poplar, retain hardwood or softwood patches and or scattered trees where line of sight may be a problem.
- Use rock outcrops where applicable to help address line of sight concerns.
- An insect and disease center for Brown Cubical Rot and White Pocket Rot has been identified.
- A 50 meter buffer along the Black River is prescribed as per plan map to help address the disease center.
- No spraying within proposed buffer along Black River
- Access will be via Black River East Grade and existing trails.
- A total of 1.5 kilometers of class 3B and .9 kilometers of class 4 roads is also proposed for construction within block 704.
- A visual screen has been identified as per plan map.

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#### In-Block Watercourses

- A 50 meter buffer is prescribed for Black River as per plan map. The remaining buffer along Black River is prescribed to be 100 meters.

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#### Public / Other Resource Users Concerns -- Company Action

- This area has been identified as high value Marten Habitat.



# Harvest Block Summary Form

## Block 704 B

Last Prescription Revision: June 22, 2005.

### Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t22r11ep	Ortho Tile(s) #	700 5630
Op. Area	Black River South	Road Mgmt Plan	-----	Access Route	Black River East Road		

### AORP Plan

Year of Harvest	2005/2006	Contingency Block	N/A
Cut Season(s)	summer	Contingency Criteria	N/A
Planned Area (ha)	6.30		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Billy Bird/O'Hanley Enterprises		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical Harvester, 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 1, 2006
Final Inspection Date	

### Block Strata Description

- Based on 4 Plots  
- Based on Preharvest Survey Completed September 8, 2000

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic	Shallow Organic	Species Composition	TA6WS3WB1			
				25%	25%	50%								
Topography	Flat 100%	Undul.	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V8 (75%), V3 (25%)			
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated							Stand Structure	Volume (m3)			
		75%	25%							Age (yr)	Ht (m)	DBH (cm)	For Harvest Available	Planned
Soil Depth	Deep	Moderate	Shallow	Rocky						JP			Pine	-
		100%								BF			Spruce	142.0
										BS			Other Softwood	-
										WS	11	18	Total Softwood	142.0
Snags/Hectare		<12 cm	12-30cm	>30 cm						L			Poplar	22.7
	Softwood		100							TA	15	16	Other Hardwood	-
	Hardwood	100		50						BP			Total Hardwood	22.7
										OH			Total Volume	164.6
Stems / Hectare		Merchantable Softwood		150										164.7
		Merchantable Hardwood		250										
		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						100%	
Treatment Type						Plant	
Target Species						White Spruce	
Manitoba Conservation Standard						Mixedwood-N	

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# Harvest Block Summary Form

**Block 704 B**

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## Block Mitigation

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### Harvest & Renewal Design

Mature mixedwood - Harvest both Poplar and softwood, retain hardwood or softwood patches and or scattered trees where line of sight may be a problem.

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

No ground spraying within 50 metre buffer along Black River

Access will be via Black River East Grade and existing trails.

A total of 1.5 kilometers of class 3B and .9 kilometers of class 4 roads is also proposed for construction within block 704.

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### In-Block Watercourses

A 50 meter buffer is prescribed for Black River as per plan map. The remaining buffer along Black River is prescribed to be 100 meters.

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### Public / Other Resource Users Concerns -- Company Action

This area has been identified as high value Marten Habitat.



# Harvest Block Summary Form

## Block 704 C

Last Prescription Revision: June 22, 2005.

### Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t22r11ep	Ortho Tile(s) #	700 5630
Op. Area	Black River South	Road Mgmt Plan	-----	Access Route	Black River East Road		

### AORP Plan

Year of Harvest	2005/2006	Contingency Block	No
Cut Season(s)	winter	Contingency Criteria	N/A
Planned Area (ha)	19.40		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Billy Bird/O'Hanley Enterprises		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical Harvester, 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 1, 2006
Final Inspection Date	

### Block Strata Description

- Based on 6 Plots  
- Based on Preharvest Survey Completed September 10, 2000

Surface Soil Text	Gravel	Sand	S. Loam	Loam	C. Loam	Clay	Silt	Deep Organic 100%	Shallow Organic	Species Composition	BS8L2	
Topography	Flat	Undul. 100%	Rough	Very Rough				% Bedrock for Rough & Very Rough		FEC Vtype	V33 (83%), V31 (17%)	
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated					Stand Structure		Volume (m3)	For Harvest Available Planned	
Soil Depth	Deep 83%	Moderate 17%	Shallow	Rocky				Age (yr)	Ht (m)	DBH (cm)		
Snags/Hectare	Softwood	<12 cm 333	12-30cm 67	>30 cm				JP			Pine -	
Stems / Hectare	Merchantable Softwood							BF			Spruce 1,933.0	
	Merchantable Hardwood							BS	101	16	Other Softwood	
	Non-Merchantable							WS			Total Softwood	
								L	111	18	21	1,933.0
								TA			Other Hardwood	
								BP			Total Hardwood	
								OH			Total Volume	
											1,933.0	2,760.9

- 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						
Manitoba Conservation Standard	Softwood						

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# Harvest Block Summary Form

## Block 704 C

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### Block Mitigation

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#### Harvest & Renewal Design

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

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

Access will be via Black River East Grade and existing trails.

A total of 1.5 kilometers of class 3B and .9 kilometers of class 4 roads is also proposed for construction within block 704.

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#### In-Block Watercourses

No in-block watercourses were identified.

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#### Public / Other Resource Users Concerns -- Company Action

This area has been identified as high value Marten Habitat.

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# Harvest Block Summary Form

## Block 704 D

Last Prescription Revision: June 22, 2005.

### Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t22r11ep	Ortho Tile(s) #	700 5630
Op. Area	Black River South	Road Mgmt Plan	-----	Access Route	Black River East Road		

### AORP Plan

Year of Harvest	2005/2006	Contingency Block	No
Cut Season(s)	summer	Contingency Criteria	N/A
Planned Area (ha)	34.50		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Billy Bird / O'Hanley Enterprises		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical Harvester, 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 1, 2006
Final Inspection Date	

### Block Strata Description

- Based on 6 Plots  
- Based on Preharvest Survey Completed September 10, 2000

Surface Soil Text	Gravel	Sand 50%	S. Loam 50%	Loam	C. Loam	Clay	Silt	Deep Organic	Shallow Organic	Species Composition	JP7BS3	
Topography	Flat	Undul. 100%	Rough	Very Rough	% Bedrock for Rough & Very Rough				FEC Vtype	V26 (100%)		
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated	Stand Structure				Volume (m3)	For Harvest			
	100%						Age (yr)	Ht (m)	DBH (cm)	Available	Planned	
Soil Depth	Deep	Moderate	Shallow	Rocky			53	19	20	Pine	8,186.0	3,500.00
			83%	17%						Spruce	1,501.0	525.00
										Other Softwood	-	-
										<b>Total Softwood</b>	<b>9,687.0</b>	<b>4,025.0</b>
Snags/Hectare		<12 cm	12-30cm	>30 cm						Poplar	14.7	-
	Softwood	433	33							Other Hardwood	-	-
	Hardwood	67								<b>Total Hardwood</b>	<b>14.7</b>	<b>-</b>
										<b>Total Volume</b>	<b>9,701.7</b>	<b>4,025.0</b>
Stems / Hectare		Merchantable Softwood	1,600									
		Merchantable Hardwood	33									
		Non-Merchantable	267									

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

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# Harvest Block Summary Form

## Block 704 D

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### Block Mitigation

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#### Harvest & Renewal Design

Mature softwood - Harvest softwood and incidental Poplar, retain hardwood or softwood patches and or scattered trees where line of sight may be a problem.

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

Access will be via Black River East Grade and existing trails.

A total of 1.5 kilometers of class 3B and .9 kilometers of class 4 roads is also proposed for construction within block 704.

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#### In-Block Watercourses

A 50 meter buffer is prescribed for Black River as per plan map. The remaining buffer along Black River is prescribed to be 100 meters.

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#### Public / Other Resource Users Concerns -- Company Action

This area has been identified as high value Marten Habitat.

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# Harvest Block Summary Form

## Block 704 E

Last Prescription Revision: June 22, 2005.

### Block Location

Forest Section	Lake Winnipeg East	FMU	31	Twp/ Rge	t22r11ep	Ortho Tile(s) #	700 5630
Op. Area	Black River South	Road Mgmt Plan	-----	Access Route	Black River East Road		

### AORP Plan

Year of Harvest	2005/2006	Contingency Block	No
Cut Season(s)	Winter	Contingency Criteria	N/A
Planned Area (ha)	2.05		
Reason(s) for Exceeding 100 ha	N/A		
Contractor	Billy Bird / O'Hanley Enterprises		
Company Supervisor	Armand Boulet		
Harvest Equipment	Mechanical Harvester, 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 1, 2006
Final Inspection Date	

### Block Strata Description

- Based on 2 Plots  
- Based on Preharvest Survey Completed September 9, 2000

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	V33 (100%)		
Soil Moisture	Arid / Dry	Moist / Very Moist	Wet / Saturated 100%	Stand Structure							Volume (m3)	For Harvest Available Planned
Soil Depth	Deep 100%	Moderate	Shallow	Rocky	Age (yr)	Ht (m)	DBH (cm)	JP	Pine	-	-	
Snags/Hectare	Softwood	<12 cm	12-30cm	>30 cm	52	11	12	BF	Spruce	70.5	70.50	
Stems / Hectare	Merchantable Softwood	1,000		WS	Total Softwood		70.5	70.5	Other Softwood	-	-	
	Merchantable Hardwood	1,300		L	Total Hardwood		70.5	70.5	Poplar	-	-	
	Non-Merchantable	1,300		TA	Total Volume		70.5	70.5	Other Hardwood	-	-	
				BP								
				OH								

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

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# Harvest Block Summary Form

**Block 704 E**

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## Block Mitigation

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### Harvest & Renewal Design

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

Access will be via Black River East Grade and existing trails.

A total of 1.5 kilometers of class 3B and .9 kilometers of class 4 roads is also proposed for construction within block 704.

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### In-Block Watercourses

No in-block watercourses were identified.

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### Public / Other Resource Users Concerns -- Company Action

This area has been identified as high value Marten Habitat.

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