

**2008 DV MPB Addendum VOITs**  
**Effective May 1, 2007 – April 30, 2016**

Annual reports cover period for May 1 to April 30 inclusive; Stewardship report covers period May 1, 2007 to April 30, 2012

CCFM Criterion	CSA SFM Element	Value	Objective	Indicator	Target	Means to Identify Target	Legal/Policy Requirements	Means of achieving Objective and Target	Monitoring and Measurement	Reporting	Acceptable Variance	Response
1. Biological Diversity	1.1 Ecosystem Diversity  Conserve ecosystem diversity at the landscape level by maintaining the variety of communities and ecosystems that occur naturally in the DFA	1.1.1 Landscape scale biodiversity	1.1.1.1 Maintain biodiversity by retaining the full range of cover types and seral stages	1) Area and percent of young, mature and late seral stages by cover types (DX, MX, PL, SW, and CX) in the net and gross land base  <b>(CSA 1)</b>	Percent of Forested Landbase at 2015:  <b>See Appendix 1.</b>	Seral stage definitions based on 2015 DFMP areas and percentages	DFMP / TSA outputs	Follow the Spatial Harvest Sequence (SHS)	Regular updates to inventory	Stewardship report on actual areas and percentages of each seral stage.	By DFA, area (ha) of old (late, very late and over mature) and mature seral stage forests shall be between 90% and 100% of target areas.  By DFA, area of young (early and immature) seral stage forest shall not exceed 110% of target area	Adjust strategies in subsequent DFMP
1. Biological Diversity	1.1 Ecosystem Diversity	1.1.1 Landscape scale biodiversity	1.1.1.2 Maintain biodiversity by avoiding landscape fragmentation	2) Size of harvest opening by DFA  <b>(CSA 2) (Obj. 2.2)</b>	Range of harvest areas reflect in the approved SHS  <b>0-5 – 43.9%*</b> <b>6-10 – 23.8%</b> <b>11-40 – 25.2%</b> <b>41-100 – 5.2%</b> <b>101-500 – 1.7%</b> <b>&gt;501 – 0.2%</b>  * % of SHS block size frequency in periods 2 & 3. Details in <b>Appendix 2.</b>	SHS output for periods two and three (2006-2015)	Planning Standard	Follow the SHS	Regular updates to inventory, ARIS	Annual and Stewardship Report on distribution of harvest sizes by # and percent in each size category	<20% of the target for each size category	Adjust strategies in subsequent DFMP

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1. Biological Diversity	1.1 Ecosystem Diversity	1.1.1 Landscape scale biodiversity	1.1.1.2 Maintain biodiversity by avoiding landscape fragmentation	3) Area of old interior forest (ignoring seismic lines) by gross forested area and by selected major species groups: Deciduous, mixedwood, Pine, Black Spruce and White Spruce	<p>1) 25,217.7 ha 5.6% of gross forested area by for the DFA</p> <p>2) Area and relative % of each major species group for gross forested area as follows:</p> <p><b>DX* – 721 ha (0.8% of gross DX)</b></p> <p><b>MX* – 243 ha (0.3% of gross MX)</b></p> <p><b>PL – 14,996 ha (22% of gross PL)</b></p> <p><b>SB – 916 ha (0.7% of gross CX)</b></p> <p><b>SW – 8,342 ha (27% of gross SW)</b></p> <p>*DX and MX decline due to mortality function in yield curves</p>	DFMP outputs using values generated for 2015	Planning Standard	Follow the SHS	Regular updates to inventory	Stewardship Reports on actual areas and percent for each species group	<20% by area for each species group	Adjust strategies in subsequent DFMP

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1. Biological Diversity	1.1 Ecosystem Diversity	1.1.1 Landscape scale biodiversity	1.1.1.3 Maintain biodiversity by minimizing access	5) Kilometers of temporary (Inter-block) access roads <b>(Obj. 3.1)</b>	Less than 165 km by DFA	Calculated as: 2 years of total temporary access roads (inter block roads including seismic lines)	Planning Standard FMA Operating Ground Rules	Road construction, maintenance and reclamation activities in the AOP	AOP	Annually and Stewardship report on actual km of temp. road	<20% must be achieved	Adjust strategies in subsequent AOPs
			5.2.2.4 Maintain a balance of haul distances	50) Average turn around times <b>(Obj. 1.11)</b>	OSB – 4.5 hours SAW – 6.5 hours	Business decision	NA	AOP	Average turn around times used in AOP	Annual and stewardship report on average cycle times	OSB – +/-1.0 hour SAW - +/- 1.5 hours	NA

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Appendix 1 Gross and Net Land Base Seral Stages by Species Groups (Broad Cover Groups) – Area and %

Net Land Base

Gross Land Base

Seral Stage Group	BCGP	Area (ha)	%
YOUNG	DX	28,641.8	9.3%
YOUNG	MX	28,364.0	9.2%
YOUNG	PL	32,660.2	10.6%
YOUNG	SW	3,037.1	1.0%
YOUNG	PS	12,567.1	4.1%
YOUNG	CX	3,593.7	1.2%
MATURE	DX	13,578.1	4.4%
MATURE	MX	8,204.2	2.7%
MATURE	PL	11,147.3	3.6%
MATURE	SW	2,856.5	0.9%
MATURE	PS	2,128.6	0.7%
MATURE	CX	5,773.0	1.9%
LATE	DX	37,277.6	12.1%
LATE	MX	25,776.7	8.4%
LATE	PL	43,123.2	14.0%
LATE	SW	17,143.4	5.6%
LATE	PS	21,733.9	7.0%
LATE	CX	10,699.9	3.5%
	TOTAL	308,306.2	100.0%

Seral Stage Group	BCGP	Area (ha)	%
YOUNG	DX	29,617.9	6.5%
YOUNG	MX	29,031.4	6.4%
YOUNG	PL	33,047.5	7.3%
YOUNG	SW	3,078.2	0.7%
YOUNG	PS	12,760.0	2.8%
YOUNG	CX	4,775.0	1.1%
MATURE	DX	16,642.9	3.7%
MATURE	MX	9,709.8	2.1%
MATURE	PL	12,513.7	2.8%
MATURE	SW	3,881.7	0.9%
MATURE	PS	2,373.0	0.5%
MATURE	CX	31,212.3	6.9%
LATE	DX	45,948.1	10.1%
LATE	MX	30,702.3	6.8%
LATE	PL	52,462.7	11.6%
LATE	SW	23,565.1	5.2%
LATE	PS	28,221.7	6.2%
LATE	CX	83,649.8	18.5%
	TOTAL	453,193.1	100.0%

Appendix 2 SHS block frequency, total area, and percent distribution by area classes (periods 2 & 3)

Drayton Valley	Block Size Class (ha)														
	0-5		6-10		11-40		41-100		101-500		> 500		Total		
	Count	Area (ha)	Count	Area (ha)	Count	Area (ha)	Count	Area (ha)	Count	Area (ha)	Count	Area (ha)	Count	Area (ha)	Average
Frequency / Area	1,549	4,243	839	5,957	888	16,491	183	11,399	60	10,061	8	5,131	3,527	53,282	15.1
Percent of Total	43.9%	8.0%	23.8%	11.2%	25.2%	31.0%	5.2%	21.4%	1.7%	18.9%	0.2%	9.6%	100.0%	100.0%	N/A