

**2008 Edson 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 (CSA 2) (Obj. 2.1, 2.5)	Percent of Forested Landbase at 2014. See appendix 1 at end of table	Seral stage definitions based on 2014 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 (CSA 4) (Obj. 2.2)	Range of harvest areas reflect the approved SHS 0-5 – 42.5%* 5-10 -24.5% 11-40 – 28.1% 41-100 – 4.2% 100-500 – 0.7% >501 - 0% * % of SHS block size frequency in periods 1 & 2. Details in Appendix 2	SHS output for periods one and two (2004-2014)	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	1.1	1.1.1	1.1.1.2	3) Area of old interior forest (ignoring seismic lines) by gross forested area and by Selected Major Species Groups: Deciduous, mixedwood, Pine, Other Conifer and White Spruce (Obj. 2.1)	1) 2,994.2 ha. (0.6% of gross forested area by for the DFA 2) Area and relative % of each major species group for total forest area as follows: DX* – 1,280 ha (1.3% of gross DX) MX* – 111 ha (0.1% of gross MX) PL – 351 ha (0.5% of gross PL) SB – 1,252 ha (0.7% of gross CX) SW – 0 ha (0% of gross SW) *DX and MX decline due to mortality function in yield curves; PL declined do to MPB strategy	DFMP outputs using values generated for 2014	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	Less than 73 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

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Appendix 1 Gross and Net Land Base Seral Stages by Species Groups – Area and %

Net Land Base

Seral Stage Group	BCG	Area	%
YOUNG	DX	27,501.5	9.8%
YOUNG	MX	26,986.1	9.6%
YOUNG	PL	14,002.2	5.0%
YOUNG	SW	1,943.6	0.7%
YOUNG	PS	2,611.6	0.9%
YOUNG	CX	13,070.0	4.7%
MATURE	DX	12,551.5	4.5%
MATURE	MX	15,701.8	5.6%
MATURE	PL	17,649.9	6.3%
MATURE	SW	5,254.9	1.9%
MATURE	PS	1,611.1	0.6%
MATURE	CX	4,074.8	1.5%
LATE	DX	50,774.0	18.1%
LATE	MX	33,426.0	11.9%
LATE	PL	27,625.9	9.9%
LATE	SW	10,329.2	3.7%
LATE	PS	6,260.8	2.2%
LATE	CX	8,732.4	3.1%
	TOTAL	280,107.2	100.0%

Gross Land Base

Seral Stage Group	BCG	Area	%
YOUNG	DX	28,441.7	6.1%
YOUNG	MX	28,524.0	6.1%
YOUNG	PL	14,057.9	3.0%
YOUNG	SW	2,001.3	0.4%
YOUNG	PS	2,614.2	0.6%
YOUNG	CX	16,453.0	3.5%
MATURE	DX	14,002.6	3.0%
MATURE	MX	17,617.9	3.8%
MATURE	PL	19,587.7	4.2%
MATURE	SW	5,936.0	1.3%
MATURE	PS	1,968.7	0.4%
MATURE	CX	48,815.7	10.4%
LATE	DX	58,246.2	12.4%
LATE	MX	37,825.2	8.1%
LATE	PL	30,998.1	6.6%
LATE	SW	12,378.1	2.6%
LATE	PS	7,350.8	1.6%
LATE	CX	121,062.8	25.9%
	TOTAL	467,881.6	100.0%

Appendix 2 SHS block frequency, total area, and percent distribution by area classes

FMA Area All Cover Groups		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
FMU	E1	344	979	226	1,660	233	4,222	28	1,551	1	161	-	-	832	8,573	10.3
	E2	337	848	176	1,246	192	3,498	33	1,959	9	1,233	-	-	747	8,785	11.8
	W5	136	426	91	648	113	2,146	12	749	-	-	-	-	352	3,969	11.3
	W6	741	1,956	404	2,895	490	9,544	80	4,599	17	2,696	-	-	1,732	21,689	12.5
Total		1,558	4,209	897	6,450	1,028	19,409	153	8,858	27	4,090	-	-	3,663	43,016	N/A
Percent of Total		42.5%	9.8%	24.5%	15.0%	28.1%	45.1%	4.2%	20.6%	0.7%	9.5%	0.0%	0.0%	100.0%	100.0%	N/A