

Criterion 1: Conservation of Biological Diversity							
Nov. 7	2019-2028 FMP Indicator #	Indicator	NEW 20019-2028 FMP Target	Acceptable Variance	Legal / Policy Link	Reporting Requirement	Source
	1	Gross Landbase for Forest Cover Classes by Natural Subregion	TBD	TBD	None	TBD	Voluntary
	2	Gross landbase area by cover group / seral stage at future points in time	At 10 years (2029), the gross landbase area by cover group/Seral stage is greater than the forecast values indicated in the FMP for old and mature plus old forest and less than values indicated for young forest.	Area of old and mature forests between 90 and 100% of target. Area of young forests not exceeding 110%	Planning Standard	10 Year	Annex 4: 1.1.1.1
	3	Net landbase area by cover group / seral stage at future points in time	At 10 years (2019), the gross landbase area by cover group/Seral stage is greater than the forecast values indicated in the FMP for old and mature plus old forest and less than values indicated for young forest.		Planning Standard	10 Year	Annex 4: 1.1.1.1
	4	Harvested block shape index distribution by company	TBD	TBD	None	TBD	Voluntary
X	5	Cut block size distribution by company	A distribution of harvest area sizes that will result in a patch size pattern over the 200 year planning horizon approximating patterns created by natural disturbance	Target distribution demonstrated at end of 10 year cycle, or demonstrated progress to achieve target in following rotation	Planning Standard	10 Year	Annex 4: 1.1.1.2 (a)
X	6	Second growth patch size distribution by seral stage at future points in time	A distribution of harvest area sizes that will result in a patch size pattern over the 200 year planning horizon approximating patterns created by natural disturbance	Target distribution demonstrated at end of 10 year cycle, or demonstrated progress to achieve target in following rotation	Planning Standard	10 Year	Annex 4: 1.1.1.2 (a)
	7	Interior old forest core area by cover group at future points in time	Area of old interior forest will not be less than X% of each cover class over the next 200 years.	Target is achieved for at least 80% of the planning period. Variance not to exceed 20% below target	Planning Standard	10 Year	Annex 4: 1.1.1.2 (b)
	8	Minimize access to help landscape scale biodiversity – Open all-weather road by sub-unit	Unspecified maximum	Variance not to exceed 20%	Planning Standard	Annual	Annex 4: 1.1.1.3 (a)
	9	Minimize access to help landscape scale biodiversity – Open seasonal temporary forest road length	Unspecified maximum	Variance not to exceed 20%	Planning Standard	Annual	Annex 4: 1.1.1.3 (b)
	10	Maintain uncommon plant communities on the FMA	TBD percent of each identified community will be maintained	No acceptable variance. Target achieved at end of 10 year FMP	Planning Standard	Annual	Annex 4: 1.1.1.4
X	11	Retain Areas of unsalvaged burned forest	Retain all live unburned green tree islands and patches recognizing timber condition, access, and non timber needs.	No acceptable variance. Target achieved at end of 10 year FMP	Fire salvage planning and operations directive No. 2007-01	Annual	Annex 4: 1.1.1.5 (a)
X	12	Retain Areas of unsalvaged blowdown from wind throw events	Unspecified percent of unsalvaged timber to be left in areas of significant blowdown	No acceptable variance. Target achieved at end of 10 year FMP	Planning Standard	Annual	Annex 4: 1.1.1.5 (b)
	13	Comply with Ground Rules concerning protection of riparian areas	100% compliance with OGR; no penalties	No acceptable variance.	Federal fisheries act / water act	Annual	Annex 4: 1.1.1.6
X	14	Achieved retention by company	Unspecified minimum; wide ranges desired to achieve targets	At end of 10 year FMP, target is achieved or exceeded	Forest and Prairie Protection Act	Annual	Annex 4: 1.1.2.1 (a)
X	15	In-situ and future dead wood structure in cut blocks	Unspecified minimum	TBD by FMP	Planning Standard	Annual	Annex 4: 1.1.2.1 (b)
	16	Area of CRN (Continuous Reserve Network)	TBD	TBD	None	TBD	Voluntary
	17	Area of government created protected areas	TBD	None	None	Annual	Annex 4: (1.1.2.2)
	18	Percent of planned blocks assessed for biological, geological, heritage, and cultural potential	TBD: Alignment with OGR	None	Planning Standard	Annual	Annex 4: 1.1.2.2
	19	Percent of identified biological, geological, heritage, and cultural sites with implemented management strategies					Annex 4: 1.1.2.2

	Suggest dropping	Annual percent of sites identified as requiring protection that received appropriate protection by company					Annex 4: 1.1.2.2
	20	Annual percentage of active permanent crossings inspected	Designs meet meet standards of the Code of Practice for Water Course Crossings	None	Code of Practice for Water Course Crossings	Annual	Annex 4: 1.1.2.3
X	21	% of Govt identified Swan nesting lakes meeting required harvest rules	100% compliance with OGR for harvesting near swan nesting lakes	None	OGR	Annual	Annex 4: 1.2.1.1
X	22	Participation in provincially driven regional planning initiatives surrounding high value species (caribou and grizzly)	TBD	TBD	None	10 Year	Annex 4: 1.2.1.1
X	23	Adherence to range plan harvest targets within Caribou range	TBD	TBD	Recovery plans for species at risk / Federal Species At Risk Act	TBD	Annex 4: 1.2.1.1
X	24	Density of open roads (km/km2) not to exceed minimum set threshold within identified Grizzly Bear range	TBD	Target achieved or exceeded at end of 10 year FMP	Recovery plans for species at risk / Federal Species At Risk Act	10 Year	Annex 4: 1.2.1.1 (a)
	2019-2028 FMP Indicator #	Indicator	NEW 20019-2028 FMP Target	Acceptable Variance	Legal / Policy Link	Reporting Requirement	Source
X	25	The amount of potential Barred Owl habitat for breeding pairs will not be lower than 15% of current levels across the defined forest area.	Maximum 15 % reduction in the breeding pairs indicator over the 200 year planning horizon and 15% reduction in the RSF indicators over the 200 year planning horizon	Target achieved or exceeded at end of 10 year FMP	Recovery plans for species at risk / Federal Species At Risk Act	10 Year	Annex 4: 1.2.1.1 (b)
X	26	Retention of American Marten habitat as defined by Habitat Suitability Index	Maximum 15% reduction in the TBD indicator over the 200 year planning horizon	Target achieved or exceeded at end of 10 year FMP	Recovery plans for species at risk / Federal Species At Risk Act	10 Year	Annex 4: 1.2.1.1 (c)
X	27	Available patch size old growth conifer & deciduous for indicator song birds: CAWA, BRCR, BTNW, OVEN, BBWA	Maximum 15% reduction in the TBD indicator over the 200 year planning horizon	Target achieved or exceeded at end of 10 year FMP	Recovery plans for species at risk / Federal Species At Risk Act	10 Year	Annex 4: 1.2.1.1 (d)
	28	Number of penalties and/or audit findings concerning failures to follow provincial tree improvement standards.	Active conservaation program in place for controlled parentage plan species and other species	No variance from targets set by GOA. Adjustments allowed as research and development bring new parameters	Timber Management Regulation 144.2(1) FGRMS	Annual	Annex 4: 1.3.1.2
	29	Area of identified HCVF (High Conservation Value Forest) features by type	Ongoing consultation with relevant protected areas agencies	None	Planning Standard	Annual	Annex 4: (1.4.1.1)
	30	Number of opportunities for adjacent stakeholders to voice input	Ongoing consultation with relevant protected areas agencies	None	Planning Standard	Annual	Annex 4: 1.4.1.1
	31	Annual percent of genetically modified (GMO) planted trees (by company)	TBD	TBD	None	TBD	Voluntary
Criterion 2: Maintenance and Enhancement of Forest Ecosystem Condition and Productivity							
	2019-2028 FMP Indicator #	Indicator	NEW 20019-2028 FMP Target	Acceptable Variance	Legal / Policy Link	Reporting Requirement	Source
	32	Annual Reforestation Report by Company. (Percentage of cutblocks achieving required reforestation standard) a) % percent openings that meet or exceed Reforestation Standard of Alberta (RSA) establishment survey minimum sotcking and species composition standards for the declared regenerated yield stratum. b) % openings that meet or exceed the RSA establishment survey minimum stocking and species composition standards for an alternate regenerated yield stratum. c) % openings that do not achieve the RSA establishment survey minimum stocking and/or species composition standards for any regenerated yield strate and are retreated within one year	a) + b) + c) = 100%	None	TMR 141.6(1) and 141.6(2)	Annual	Annex 4: 2.1.1.1

	33	Summed difference between target and actual C and D Mean Annual Increment for openings surveyed in a five year quadrant quadrant as reported to ARIS	100% of target	Meet or exceed the target C and D MAI for the DFA	TME 141.7(1) and 141.7(2)	Annual	Annex 4: 2.1.1.2
	34	Limit conversion of productive forest landbase to other uses; Annual forest landbase balance	A TBD program to maintain the forest landbase	Report actual	Planning Standard	Annual	Annex 4: 2.1.2.1
	35	Percent of identified insect and disease areas scheduled for harvest	Area (ha) affected by significant outbreaks, infestations, natural calamities.	Report actual	Planning Standard / Alberta Forest Health Strategy	Annual	Annex 4: 2.1.2.2
	36	Control of non-native plant species	Invasive plant program in place and implemented	Report actual	Weed management in Forestry Operations Directive 2001-006	Annual	Annex 4: 2.1.3.1

Criterion

	2019-2028 FMP Indicator #	Indicator	NEW 20019-2028 FMP Target	Acceptable Variance	Legal / Policy Link	Reporting Requirement	Source
	37	Annual percentage of forest area disturbed by roads and landings (by company)	less than 5% of the harvested block area disturbed by roads and landings	None	OGR and Soils Guidelines	Annual	Annex 4: 3.1.1.1
	38	% of temporary road (km) within cutblocks deactivated satisfactorily within 6 months following end of usage.	TBD	TBD	None	TBD	Annex 4: (3.1.1.1)
	39	Annual percent of harvest blocks without reportable rutting issues (by company)	TBD	TBD	None	TBD	Annex 4: (3.1.1.2)
	40	Annual number of significant surface erosion events related to silviculture, harvesting, and road activities by company	Complete Compliance	None	OGR and Soils Guidelines	Annual	Annex 4: 3.1.1.2
	41	Percentage of sampled blocks with no harvest area located within incised valleys or on slumping soils	Complete Compliance	None	OGR and Soils Guidelines	Annual	Annex 4: (3.1.1.2)
	42	Periodic Equivalent Clearcut Area (ECA) value by Watershed	a) ECA <30% b) zero water act penalties	20% SHS variance	Water Act / Planning Standard	Annual	Annex 4: 3.2.1.1
	43	Annual number of reportable spills (by Company)	TBD	TBD	None	TBD	Annex 4: (3.2.2.1)
	44	Annual percentage of temporary crossings that meet all standards	Complete Compliance	None	OGR	Annual	Annex 4: (3.2.2.1)
	45	Percentage of sampled blocks with buffers in place as required by government	Complete Compliance	None	OGR	Annual	Annex 4: 3.2.2.1

Criterion 4 : Forest Ecosystem Contributes to Global Cycles

	2019-2028 FMP Indicator #	Indicator	NEW 20019-2028 FMP Target	Acceptable Variance	Legal / Policy Link	Reporting Requirement	Source
	46	Carbon Budget Model Output	TBD	TBD	None	TBD	Voluntary
	47	Super-utilization for in-woods chipping operations	TBD	TBD	None	TBD	PAC
	48	Utilization of salvage from MPB and fires	TBD	TBD	None	TBD	PAC

Criterion 5: Multiple Benefits to Society

	2019-2028 FMP Indicator #	Indicator	NEW 20019-2028 FMP Target	Acceptable Variance	Legal / Policy Link	Reporting Requirement	Source
	49	Annual allowable cut (AAC) compared to annual production (by company)	Complete Compliance	Issue specific	Forests Act and TMR	10 year	Annex 4: 5.1.1.1
	50	Quadrant production table (by company)	TBD	TBD	Forests Act and TMR	10 year	Annex 4: (5.1.1.1)
	51	Reduce wildfire threat potential	a) Reduce the area in the high and very high Fire Behaviour Potential Rating within FireSmart Community Zones b) Reduce the area in the high and very high Fire Behaviour Potential rating across the DFA	Issue specific	Planning Standard	Annual	Annex 4: 5.2.1.1
	52	Integrate other uses and timber management activities; number of products the forest industry supports	TBD by FMP process	Issue specific	Legislation and Policy	TBD	Annex 4: 5.2.2.1
	53	Number of opportunities for stakeholders and public to provide input	TBD	TBD	None	TBD	Annex 4: (5.2.2.1)
	54	Annual direct and indirect employment levels (by company)	TBD	TBD	None	TBD	Voluntary

	55	Reforestation standards productivity forecast (by company)	No net decrease from natural stand productivity	Report actual	Planning Standard	10 year	Annex 4: 5.2.3.1
Criterion 6: Accepting Society's Responsibility for Sustainable Development							
	2019-2028 FMP Indicator #	Indicator	NEW 20019-2028 FMP Target	Acceptable Variance	Legal / Policy Link	Reporting Requirement	Source
	56	Annual number of Indigenous consultation opportunities by company. Annual number of early and effective opportunities for consultation with Indigenous communities by company.	TBD	TBD	None	TBD	Voluntary
	57	Number of identified Indigenous values directly addressed in FMP and annual plans	TBD	TBD	None	TBD	Voluntary
	58	Annual % score on PAC satisfaction survey	TBD	TBD	None	TBD	Voluntary
	59	Annual number of website visits with more than one page hit	TBD	TBD	None	TBD	Voluntary
	60	Consult First Nations at the community level	Consult at the community level with designated representatives of affected indigenous communities	None	Planning Standard	Annual	Annex 4: 6.1.1.1
	61	Implement a public involvement program	TBD in FMP Process	None	Planning Standard	Annual	Annex 4: 6.2.1.1
	62	PAC membership will be based on representation by pre-identified sectors with interest in the forest	TBD	TBD	None	TBD	PAC