

Forest Management Plan for the C5 Forest Management Unit Milestone Information Package Number 2

Crowsnest Forest Products (CFP), a subsidiary of West Fraser Mills Ltd. (West Fraser)¹, is in the process of completing the 2026-2036 C5 Forest Management Plan (FMP). The new C5 Forest Management Plan will replace the 2006-2026 FMP and will contain specifics for when, where, and how timber will be managed to balance social, economic, and environmental objectives for the Defined Forest Area (DFA) (see Figure 2).

The FMP has been developed in accordance with all applicable acts, regulations, policies, and ground rules. The primary documents guiding forest management are the *Forests Act*, the Timber Management Regulation, and the Alberta Forest Management Planning Standard (Version 4.1 April 2006). Forest management plans fit into a defined scope. They must abide by higher level plans and processes that have been developed in order to sustainably operate on Crown land. The FMP area is located within the South Saskatchewan Land-Use Framework Region and aligns with the South Saskatchewan Regional Plan (SSRP) and the Livingstone Porcupine Hills Land Footprint Management Plan (LPH-LFMP). Figure 1 illustrates the forest management planning hierarchy, including the operational plans and Timber Harvest Planning and Operating Ground Rules required by the Alberta government.

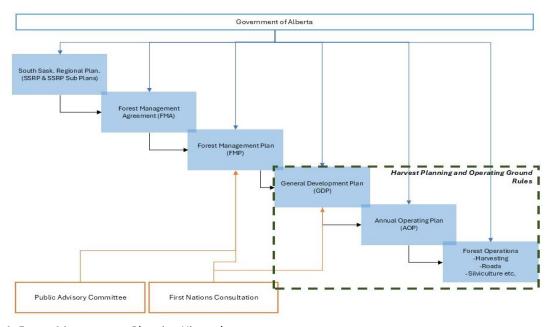


Figure 1. Forest Management Planning Hierarchy

Completing a forest management plan, from data collection and analysis to mapping and consultation with the public and First Nations, typically takes between two and five years. After the FMP is submitted,

¹ West Fraser acquired Spray Lake Sawmills and its subsidiary Crowsnest Forest Products Ltd. in November 2023.



it can take between five months to over a year to be reviewed, revised, and approved by the Government of Alberta.

The development of a forest management plan is a dynamic process, incorporating knowledge from research, policies and legislation that regulate the forest industry, and ongoing review of performance from previous plans and operations. This information package provides an overview of key elements in the draft FMP, including the Values, Objectives, Indicators, and Targets (VOITs), the draft Spatial Harvest Sequence (SHS), and the Preferred Forest Management Scenario (PFMS). Once finalized and approved, the SHS and VOITs will be used to guide harvesting activities and track VOIT performance measures over the next ten years.

Managing Alberta's Timber Resources

Timber resources in Alberta are allocated through the forest tenure system. This provides a mechanism to manage timber resources in the province, but land and resource ownership is retained by the Crown (public land model). CFP is a forest tenure holder in the province of Alberta. CFP's key roles and responsibilities as a tenure holder are reflected in documents such as the *Forests Act*, regulations issued pursuant to the *Forests Act* (including Timber Management Regulation and the Forest (Ministerial) Regulation), forest tenure documents, forest policy directives, forest management plans, and the Timber Harvesting Planning and Operating Ground Rules. Pursuant to these agreements and dispositions, operational forest management activities undertaken become the responsibility of tenure holders but the Government of Alberta (GoA) retains control of these activities through review and approval of Forest Management Plans, General Development Plans, and Annual Operating Plans. An FMA is still subject to following higher level acts, regulations and plans for the region, the province, and the country (see useful links and key acts on at the end of this document). Some key federal and provincial legislation Alberta forestry operations are also subject to are listed on Page 28.

Forest Management Agreements provide the right to establish, grow, harvest and remove timber (FMA clause 2(1)) in the FMA area. An FMA does not provide authority over other companies or land use or non-timber resource users, nor does an FMA provide authority for cumulative effects management. The level of authority provided through an FMA are specifically prohibited from restricting access or constraining Alberta's right to manage other resources, including the allocation of land for other industrial uses. The FMA specifies the need for a Forest Management Plan, following the forest planning standards. The main objective of a Forest Management Plan is to manage forest vegetation while minimizing the potential impact of forest operations on other values and uses. CFP's FMP will be a twenty-year plan, which is renewed every ten years, and guides operations and activities for the duration.

VOITs Development

Values, Objectives, Indicators, and Targets (VOITs) form the basis of the FMP performance monitoring program. The VOITs establish linkages between social, economic and ecological values identified for the FMP area and their application in forest management activities. Values and objectives represent broad



landscape-level items, with indicators and targets being specific variables to monitor and measure. Below is the Alberta Forest Management Planning Standard definition of a VOIT:

- Value A characteristic, component or quality considered by an interested party to be
 important in relation to a Canadian Standards Association (CSA) Sustainable Forest Management
 (SFM) element or other locally identified element (see list of useful acronyms at end of
 document).
- Objective A broad statement describing a desired future state or condition of values.
- Indicator A variable that measures or describes the state of condition of a value.
- Target A specific statement describing a desired future state of condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.

The VOITs development process was initiated by CFP in November 2022. The GoA provided an updated list of draft VOITs in March 2023 that incorporated the SSRP and the LPH-LFMP. With government approval, the FMA holder can modify or add to these VOITS to address values and objectives specific to their operating area. Beginning in the fall of 2022, CFP hosted a FMP/VOITs open house and a stakeholder Public Advisory Committee meeting to seek input from the public and stakeholders. The open house and Public Advisory Committee Meeting introduced the planning hierarchy, the FMP process, and values and objectives development. Input from First Nation communities was also sought at the same time.

This input has been thoughtfully considered and will be addressed in the final FMP document or the VOITs. The VOITs were developed to align with higher level regional and sub-regional plans such as the South Saskatchewan Regional Plan and the Livingstone Porcupine Hills -Land Footprint Management Plan.

CFP is now initiating the final review process for the 2025 FMP VOITs, which incorporates much of the input we have received. Specific additional areas of concern, will also be thoughtfully considered and may also be incorporated into the final plan. Concerns related to operational practices (silvicultural strategies, access plans, harvest operations, etc.) will also be considered and could contribute to strategies for operational implementation of the FMP. Table 1 provides the current VOITs for inclusion in the 2025 FMP.

FMP Progress to Date

- Completed Milestone 1 for the First Nations and Public Consultation Plans (VOITs) and are now consulting on Milestone 2 (the spatial harvest Sequence maps (SHS) and the aligned VOITs.
- Approval of the FMP Public Participation Program, available on our website (https://www.spraylakesawmills.com/woodlands/forest-management-planning/).
- Completed a FMP/VOIT open house to gather stakeholder and public input.
- Completed 100% of our forest growth field sampling program.
- Completed the net landbase and yield curve technical requirements. This analysis indicates where forestry will likely take place as well as the forest growth calculations.



- Completed the Draft Visual Quality Strategy.
- Drafted a preliminary timber supply analysis (TSA). This analysis indicates the amount of timber to be sustainably harvested in consideration of the VOITs known as the annual allowable cut (AAC).
- Drafted the preliminary non-timber assessment (NTA) analysis. This is how harvest levels are aligned with VOIT trade-offs.
- Drafted the preliminary spatial harvest sequence (SHS). The SHS areas indicate where harvesting is likely to occur over the next 20 years (see pages 8).
- Conducted six public advisory committee FMP update meetings covering the planning process, public participation plans, VOITs, net landbase, visual quality, timber supply analysis, spatial harvest sequence, non-timber assessments, and the spatial harvest sequence.
- Conducted 12 Planning Development Team (PDT) Meetings with the subject matter experts at the government of Alberta.

Milestone 2 Consultation Items

- Maps outlining a preliminary 20-year SHS (see page 7). The SHS are the areas indicated by decade on the map to be harvested over the next twenty years.
- Identification of how the VOITs are linked to the 20-year SHS (see page 9).
 - VOITs currently having defined targets directly linked to the 20-year preliminary SHS include:
 - VOIT 10
 - The target is for 3% of the Lodgepole pine/other non-Douglas fir forest and 15-20% of the Douglas fir forest to be retained within harvested stands. At the end of the 10 year FMP term, the amount of retention should be greater than 5.25%, based on a weighted average of predicted area harvest, which is very close to the recommended 5% level.
 - VOITs 14b (Barred owl), 14c (American marten) and 14d (Song Birds) have relative abundance percents within targeted tolerances for the 20 year SHS.
 - VOIT 14 c & d: Varied Thrush & Marten drop below the 15% threshold at years 100 and year 50 respectively, but do not show a more than 20% change. Additional operational strategies will be part of the FMP to address the concern.
 - Ovenbird predictions are based on deciduous stands age class levels which is not a tree species CFPs has the rights to harvest in this FMA.
 - Projected preliminary 20-year VOIT target:
 - VOIT 1: Maintain biodiversity by retaining the full range of cover types and seral stages.
 - Extensive studies have been undertaken to improve our understanding of the historic landscape patterns and natural range of variability at both the scale of the defined forest area



(DFA) and the larger natural subregion scale. This includes work completed by fRI research through their Healthy Landscapes Program and LandWeb simulation modeling (see additional useful links page below). This research is being used to inform the cover type and seral stage targets for the FMP.

- The old and very old forest levels are maintained for the overall landbase (sometimes referred to as the gross landbase), although the old and very forest levels drop below the predicted natural range of variability (NRV) on the managed landbase (i.e. active landbase).
- VOIT 14a: Viable populations of identified plant and animal species (grizzly bear).
 - Habitat definitions:
 - Primary Habitat An area of good habitat that attracts bears and has low grizzly bear mortality risk (there is no decrease in primary habitat).
 - Secondary Habitat An area of moderate habitat that attracts bears and has a low grizzly bear mortality risk (there is no decrease in secondary habitat).
 - Primary Sink habitat An area of good habitat that attracts bears but has high grizzly bear mortality risk (there is an increase in sink habitat).
 - The grizzly bear model indicates that within the first 10 years of the SHS, primary habitat increases by approximately 7,600 hectares, secondary habitat increases by approximately 3,400 hectares, and primary sink habitat increases by approximately 2,500 hectares.
 - The preliminary grizzly bear model indicates that within the first 20 years of the SHS, primary habitat increases by 10,800 ha, secondary habitat increased by approximately 1,500 hectares, and primary sink habitat increases by approximately 5,700 hectares.
- VOIT 25: Water quantity and quality:
 - Equivalent clear-cut area (ECA) modelling is a coarse filter indicator describing how forest harvesting may impact a watershed. The GoA watershed assessment process utilizes internally delineated watersheds restricted to 10,000 hectares within the ECA model. The watershed assessment is a precautionary and coarse watershed disturbance footprint analysis rather than a reliable tool to predict water yield. The



- presumption is that a watershed with greater than 30% ECA could exceed a 15% increase in water yield.
- Two watersheds are currently at over 50% ECA disturbance. The outage is due to disturbance impacts of the Lost Creek wildfire in 2003. By year 20 of the SHS, both of these watersheds recover to < 30% ECA.
- The 20-year SHS is designed to distribute harvest across the landscape and avoid exceeding 30% disturbance in any ECA watersheds. No ECA watersheds are forecasted to exceed 30% disturbance due to forest harvesting within the 20-year SHS.

Future Consultation Opportunities

A VOIT/SHS open house will be held in the winter of 2025. A final draft FMP will be publicly available for comment on our website during the summer of 2025.



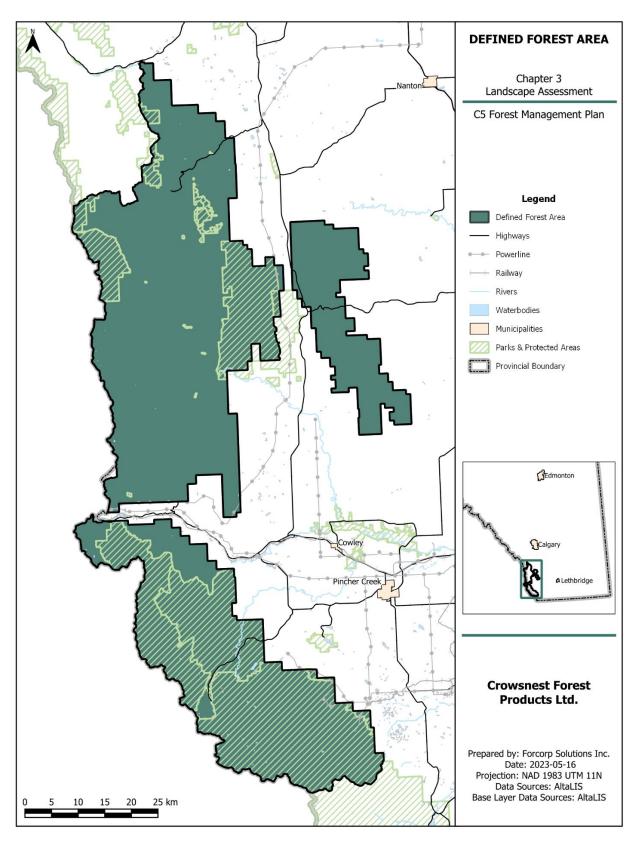


Figure 2. Crowsnest Forest Product's Defined Forest Area (DFA).



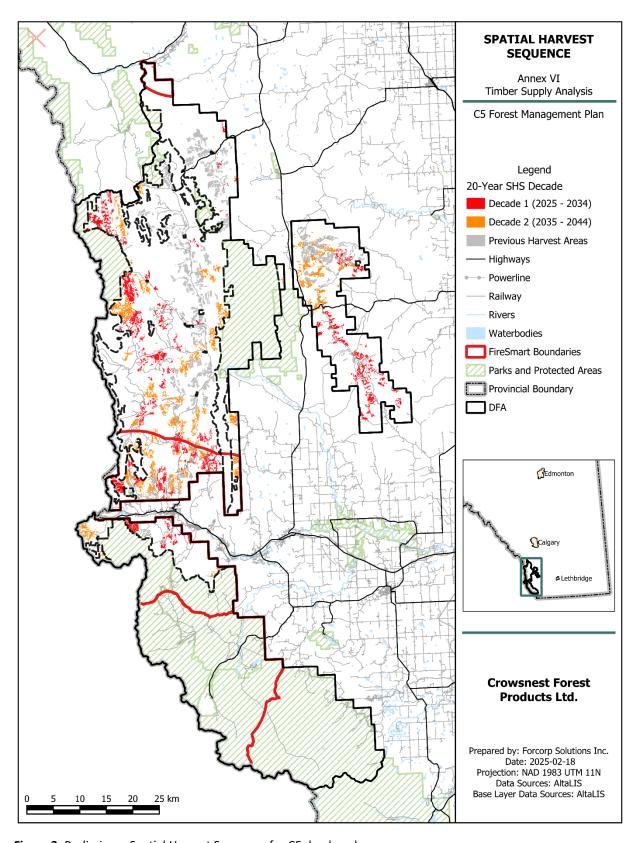


Figure 3. Preliminary Spatial Harvest Sequence for C5, by decade.



VOIT ID	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
	Landscape scale biodiversity	1.1.1.1 Maintain biodiversity by retaining the full range of cover types and seral stages ³ Creation of resilient, healthy forests within a natural range of variation	Area of old, mature, and young forest in the Forest Management Agreement (FMA) area by cover class ² .	over the 200 year planning horizon: a) Gross landbase: greater than 25% old forest, greater than 31% mature plus old forest, less than 13% young forest; and b) Net landbase: greater than 13% old forest, greater than 23% mature plus old forest, less than 20% young forest Note: Old forest retention shall include the full natural range of ages	definitions shall be based on sound science, ecological considerations, wildlife zones, and disturbance regimes. Target shall ensure representation of natural range of	Stewardship Act (ALSA), South Saskatchewan Regional Plan (SSRP) and Livingstone- Porcupine Hills Land	Minimize variance by developing and implementing an operationalized Spatial Harvest Sequence (SHS)	inventory Planning and submission of a General Development Plan	(values and targets) at 0, 10, 50, 100 and 200 years. Maps of indicators at 0, 10 and 50 years Performance: 5 year - Stewardship Report 10 year - Stewardship Report [Compare time 0 of 2025 FMP to Classified Landbase (CLB) of new FMP]	old and mature forests in the FMA by cover class shall be between 90% and 100% of target areas. Area of young	Management
	Landscape scale	biodiversity by	a) Range of patch ³ sizes for forest that is 20 years of age and less for the FMA	A distribution of harvest area sizes that will result in a patch size pattern over the 200-year planning horizon that is increasing in patch size.	Targets shall be based on sound science, ecological considerations, wildlife zones, and disturbance regimes. Target shall ensure representation of natural range of ecosystem attributes (e.g. productivity class)	ALSA, SSRP, LPH-LFMP	Spatial and temporal harvest planning. Patch size distribution targets are set for forest patches less than 20 years old Minimize variance by developing and implementing an operationalized SHS	forest inventory Planning and submission of a GDP, adherence to SHS, track and report variance	forest in each patch size class by subunit at 0, 10, and 50 years (or end of first rotation). Maps of patch size classes at 0, 10, and 50 years, (or end of first rotation) Performance: 5 year - Stewardship Report 10 year - Stewardship Report (Compare time 0 of 2025 FMP to CLB of new FMP)	distribution is achieved; or demonstrated progress to achieving target in one rotation where the pattern has	strategies in



VOIT	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
3		1.1.1.2 Maintain biodiversity by avoiding landscape fragmentation		b) Area of old interior forest will not be less than 10% of PI stands, 30% of SW stands, 16% of FD stands, 2% of MIX stands, over the next 200 years.	Targets shall be based on sound science, ecological considerations, wildlife zones, and disturbance regimes. Target shall ensure representation of natural range of ecosystem attributes (e.g., productivity class)	SSRP, LPH-LFMP	Spatial and temporal harvest planning Minimize variance by developing and implementing an operationalized SHS	Regular updates to forest inventory Planning and submission of a GDP, adherence to SHS, track and report variance	<u> </u>	achieved for at least 80%	Adjust strategies in subsequent FMP
4-1		1.1.1.3 Maintain biodiversity by minimizing access	a) Open permanent forestry road (Department Licence of Occupation - DLO) density outside the LPH-LFMP area.	a) Less than 0.00 km/km2	Targets shall be based on sound science, ecological considerations, harvest planning, wildlife zones, and social values	Planning Standard ALSA, SSRP, Public Lands Act	Develop a strategy that coordinates access with other resource users, spatial/temporal sequencing of harvest, road construction and reclamation. (SHS and long-term corridor access plan)	forest inventory and Digital Integrated	FMP: Table of road density outside LPH-LFMP area at 0 and 10 years. Map of existing and proposed open and closed forestry roads. Report forestry roads and total (all users) roads Performance: Stewardship Reports - table and map of permanent open forestry road densities (km/km2) outside LPH-LFMP area.	not exceeding +/-20% must be achieved	_
4-2		1.1.1.3 Maintain biodiversity by minimizing access	b) Open seasonal/temporary forestry road length outside LPH-LFMP area.	a) Less than 18 km for the FMA area outside the LPH -LFMP area	Targets shall be based on sound science, ecological considerations, harvest planning, wildlife zones, and social values		reclamation	Road planning OGR	FMP: Table and map of existing open seasonal/temporary forestry roads at time zero. Performance: Stewardship Reports - table open seasonal / temporary forestry roads for each timber year for outside LFH-LFMP.	not exceeding +/-20% must be achieved	subsequent



VOIT	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
5-1	1.1.1 Landscape scale biodiversity		a) Open motorized access by Footprint Planning Zone	a) Less than 0.04 km/km2 in Zone 2 and less then 0.14 km/km2 in Zone 3	construction and reclamation data, targets shall be forest sector	SDD	maintenance and reclamation activities	Road plan (Operating Ground Rules (OGR)) Government of Alberta Decision Support Tool	FMP: Current open motorized access density by zone (open forestry Department Licence of Occupation (DLOs)). Performance: Stewardship Reports Road density and km by zone per year for Open Motorized Access (open forestry DLOs).	None	Removal of open motorized access when appropriate Adjust strategies in subsequent FMPs



VOIT ID	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
	1.1.1 Landscape scale biodiversity	1.1.1.3a Maintain biodiversity by minimizing access per direction from LPH-LFMP	access by Footprint		construction and reclamation data, targets	SDD	Government of Alberta Decision Support Tool Develop a strategy to coordinate access with other resource users, spatial/temporal sequencing of harvest, road construction and reclamation (SHS and long-term corridor access plan)	Regular updates to forest inventory Government of Alberta Decision Support Tool	FMP: Current restricted motorized access density by zone. (Forestry Access roads and DLOs) Performance: Stewardship Reports Restricted motorized access density by zone per year		Adjust timing of road reclamation program Adjust strategies in subsequent FMPs
	scale	1.1.1.3a Maintain biodiversity by minimizing access per direction from LPH-LFMP	c) Near stream motorized access disturbance limit (within 100 m of a stream on erodible soils	c) <0.01 km/km² in each analysis unit	construction and reclamation data,	Planning Standard, ALSA, SSRP, LPH-LFMP, Public Lands Act, OGRs, SDD	All temporary forestry roads will be managed as Restricted Motorized Access per LFH-LFMP, Develop a strategy that coordinates access with other resource users, spatial/temporal sequencing of harvest, road construction and reclamation (SHS and long-term corridor access plan)		FMP: Current near stream motorized access density by analysis unit (Forestry Access roads and DLOs) Performance: Stewardship Reports Near stream motorized density by analysis unit per year		Adjust timing of road reclamation program Adjust strategies in subsequent FMPs.



VOIT	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
6	scale			Conserve uncommon plant communities for 100% of known encountered occurrences.	Geographic Information System (GIS) analysis, Alberta Vegetation Inventory (AVI), ecosite phases, Alberta Conservation Information Management System (ACIMS), plant community classification and tracking list. Predict and identify occurrence of uncommon plant community	Planning Standard	Coordinating with other resource users, spatial planning of harvest and road construction, OGRs Apply operational procedures	Annual ACIMS database updates, regular updates to inventory.	displaying known locations of uncommon plant	the 10-year FMP term the	strategies in
7			a) Area of unsalvaged burned forest	Live trees: Retain unburned trees in green islands and retain patches recognizing timber condition, access, non-timber needs according to the directive "Fire Salvage Planning and Operations - Directive No. 2007-01".	Targets based on Fire Salvage Planning and Operations - Directive No. 2007-01. Ensure consistency with FireSmart objectives	Fire Salvage Planning and Operations - Directive No. 2007-01	Salvage planning	Organization reports, air photo interpretation, ground surveys, post-harvest assessments, General Development Plan (GDP).	wildfire events within the last 10 years showing area (ha) and proportion (%) of	FMP term the target is achieved or exceeded	strategies in
8	scale		b) Area of unsalvaged blowdown	In areas of significant blowdown (>= 100 ha) greater than 10% will be left unsalvaged	Targets are to be based on sound science, ecological considerations and disturbance regimes	Planning Standard	Salvage planning	Inventory updates, GDP.	blowdown event within the last 10 years showing area (ha) and proportion (%) of salvaged and unsalvaged.	FMP term the	strategies in



VOI ⁻	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
9	1.1.1 Landscape scale biodiversity	1.1.1.6 Retain ecological values and functions associated with riparian zones	Protection of aquatic and riparian areas	Consistent with OGRs	OGRs	Federal Fisheries Act, Timber Management Regulation (TMR), Forests Act, Grazing and Timber Integration Manual, ALSA, SSRP	Planning and operations, Timber Supply Analysis (TSA), OGRs	FOMP reports, Company monitoring/audits, tracking of OGR deviation requests, and non-standard submissions	Performance: Stewardship Reports Number of FOMP variances related to specific OGRs Number of Company self- reports Number of OGR deviations requested under applicable OGRs		Demonstrate that aquatic and riparian ecosystem objectives are being met through an effective monitoring program based on aquatic and riparian function in areas of concern.
10	1.1.2 Local/stand scale biodiversity	1.1.2.1 Retain stand level structure	% area of residual structure (both living and dead), within a harvest area, as outlined in CFPs structure retention strategy by FMA	_	Wildlife zones, roadside vegetation screens, recreational values, aesthetics, local knowledge. ACIMS, Alberta Biodiversity Monitoring Institute (ABMI) and Fisheries and Wildlife Management Information System (FWMIS), previous FMP structure retention results	Occupational Health and Safety Act, Forest and Prairie Protection Act Planning Standard, ALSA, SSRP, LPH- LFMP, OGRS	Implement CFP structure retention strategy and OGRs	Organization reports, cutover photography, air photo interpretation, ground surveys, post-harvest assessments	FMP: None Performance: Stewardship Reports - Table of the percent of structure retention by year for the FMA.	FMP term the	strategies in
11	1.1.2 Local/stand scale biodiversity	level structure	b) Percentage of harvested area within the FMA with downed woody debris ⁵ equivalent to preharvest conditions	b) 75% of harvest areas having downed woody debris retained on site	Recording utilization of downed woody debris post-harvest.	Planning Standard ALSA and SSRP	Organization developed standards	Organization developed during FMP planning	FMP: None Performance: Stewardship Reports - table showing percent of harvest areas by year that have not received treatments that reduces downed woody debris (e.g. brush raking and prescribed burns)	None	Adjust strategies in subsequent FMP.



VOIT ID	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
	ocal/stand cale piodiversity	integrity of sensitive sites	• =	Strategies to maintain consistent with provincial guidelines / OGRs	Sensitive sites identified through local knowledge, public consultation, Indigenous consultation, ACIMS, ABMI, GDPs, FWMIS, OGRs		Organization developed standards for sensitive site protection.	Organization reports, air photo interpretation, ground surveys	FMP: None Performance: Stewardship Reports - summary of identified sites and action taken.		Adjust strategies in subsequent FMPs
	cale	aquatic biodiversity by minimizing impacts of watercourse crossings	compliance with Code of Practice for Watercourse Crossings	a) Permanent forestry watercourse crossing designs meet standards of the Code of Practice for Watercourse Crossings b) Temporary forestry watercourse crossings meet standards in the OGRs	Watercourse Crossings b) OGRs	Regulation) and Code of Practice for Watercourse Crossings	Road and watercourse planning, construction, monitoring, maintenance and reclamation activities	Watercourse Crossing Management Directive OGRs Company watercourse crossing monitoring program	FMP: None Performance: Stewardship Reports Report on all company watercourse crossing monitoring results Number of FOMP variances related to relevant OGRs Number of Company self-reports related to relevant OGRs		Based on stewardship reporting results, a causal factor review and the frequency and severity of reported incidences a third-party review of watercourse crossing monitoring programs and operations standards may be required



VOIT Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
14 1.2.1 Viable populations of identified plant and animal species	economically	habitat from the fRI Grizzly Bear model, as measured at time 0 (1 May 2023) by FMA; b) Percent change in the Barred owl potential breeding pairs and Resource Selection Function (RSF) value from (1 May 2023) by FMA; c) Percent change in American marten habitat suitability index from (1 May 2023) by FMA; and d) Percent change in relative abundance value of three songbird species (Brown Creeper, Ovenbird and Varied	breeding pairs indicator over the 200 year planning horizon and 15% reduction in the RSF indicators over the 200 year planning horizon; c) Maximum 15% reduction in the indicator over the 200 year planning horizon; and d) Maximum 15% reduction in the indicator over the 200 year planning horizon; and e) A minimum of 95% protection of all known Whitebark and Limber Pine trees, saplings, and seedlings. 100% protection of GoA long term monitoring installations, research/restoration and plus tree sites.	Alberta (GoA)). Based on sound science, ecological considerations, wildlife zones, Committee on the Status of Endangered Wildlife in Canada (COSEWIC) list, provincially listed species, ABMI, ACIMS, Recovery plans, government priorities, public consultation, habitat suitability analysis, literature	species at risk, Federal Species at Risk Act	Harvesting plans, road construction, OGR, planning and implementation, adherence to provincial wildlife guidelines. Minimize variance by developing and implementing an operationalized SHS. For Whitebark and Limber pine, ensure protection of trees, saplings, and seedlings through careful operational planning of roads and harvest areas. Maintain consistency with current approved Alberta Whitebark and Limber Pine Recovery Plan and best management practices. Operational guidance on Pa/Pf content from subjective deletions process in classified landbase. Collaboration with Whitebark Pine Ecosystem Foundation of Canada (WPEFC) for support, mitigation and expertise as needed. Clark's nutcracker. Modelling	Updates to vegetat inventory and habit modelling. Planning and submission of a GDP, adherence to SHS, track and report variance.	FMP: a) Table and maps of current (time zero) and future (10 and 20 years) landscape conditions for core and secondary habitat zones, core and secondary sink zones, non-critical habitat and road density; b) Tables of breeding pairs and RSF at 0, 10, 20, 50, 100 and 200 years and maps of RSF value and breeding pairs at 0, 10, 20 and 50 years; c) Tables of habitat suitability at 0, 10, 20, 50, 100 and 200 years and maps of habitat suitability at 0, 10, 20, 50, 100 and 200 years; and d) Tables of relative abundance at 0, 10, 20 and 50 years; and d) Tables of relative abundance at 0, 10, 20 and 50 years. e) Map of Whitebark and Limber Pine distribution (contributing/non-contributing), long term monitoring installations, research/restoration and plus tree sites. Performance: Items a-d 5 year - Stewardship Report 10 year - Stewardship Report Compare time 0 of previous FMP to CLB of new FMP) Item e – 5 and 10 year Stewardship Reports Number of Whitebark and Limber pine trees, saplings and seedlings that have been damaged and/or destroyed.	FMP term the target is achieved or exceeded.	strategies in



VOIT ID	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
	5.2.1 Viable populations of identified plant and animal species	recovery of native trout species that are federally listed as species at risk under the Species at Risk Act.	a) ECA in bull and Westslope cutthroat trout watersheds b) Roads in Westslope cutthroat trout and bull trout watersheds	 a) Target ECA in trout watersheds is <30%. If ECA is >30%, alter timber harvest scenario with strategic mitigations until ECA is <30%. If existing disturbance, at year 0, already exceeds 30%, then ECA values must demonstrate a downwards trend or will not exceed 30% ECA in modelled years 0-20. b) Report on all permanent and temporary forestry road densities, in bull trout and Westslope cutthroat trout watersheds (HUC8) to limit access. Report on number of crossings in all watersheds (HUC8) and in critical habitat to understand cumulative footprint. c) Develop Habitat Conservation Strategy for native trout species, including BMPs, operational mitigations, and commitments to fish recovery. 	Government of Alberta. Internal and other forestry operators data (remote sensing, planned blocks, site assessments, etc). Government data for HUC watersheds and respective species Critical Habitat. Literature review, recovery plans.	including Bull Trout Federal Recovery	- ECA modelling - Harvesting plans, road construction, OGR, planning and implementation - Adherence to provincial wildlife guidelines - Adhere to SHS - Adhere to Habitat Conservation Strategy	Habitat Conservation Strategy.	Performance: Stewardship Reports a) Tables showing the current ECA in bull trout and Westslope cutthroat trout watersheds. b) Table of current road densities for permanent, and temporary forestry roads (open and restricted) in bull trout and Westslope cutthroat trout watersheds. Tables of number of crossings built in critical habitat each year. c) Report on progress of commitments in Habitat Conservation Strategies in Stewardship Reports		Adjust strategy as required
	1.3.1 Genetic integrity of natural tree populations		and area (ha) of in situ genetic conservation areas	as per requirements set forth in the Alberta Forest Genetic Resource	Gaps and needs as identified in GCP and requirements set for forth in FGRMS	Regulation (TMR) 144.2(1), Requirements to meet this TMR are provided by Alberta Forest Genetic Resource Management and Conservation Standards (FGRMS).	Identified	Stewardship Reporting and FGRMS mandatory reports	status of gene conservation areas and number provided in the DFA. If applicable, map showing locations of gene	the 10-year FMP term the target is achieved or exceeded. No variance	per Forest Health and



VO	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
16	integrity of natural tree	resources through ex situ conservation	amount of genetic materials conserved ex situ as field trials, experiments, clonal	Wild forest genetic resources through ex situ conservation are retained as per requirements set forth in FGRMS and as guided by the Ex situ Conservation Plan for Forest Genetic Resources in Alberta (Ex situ CP) Targets to be determined in accordance with FGRMS	identified in Ex situ CP	TMR 144.2(1). Requirements to meet this TMR are provided by FGRMS	FGRMS and GoA/Industry Tree Genetics Cooperatives.	identified as provincial forest management priorities and	of provenances, genotypes and seedlots and their origin within the DFA Performance: Stewardship Reports not applicable until a controlled parentage program becomes active.	gene conservation is set up, no variance from targets as set by FGRMS is	
17	with minimal human	1.4.1.1 Integrate trans-boundary values and objectives into forest management		Ongoing consultation with relevant protected area agencies	Link to consultation objective in Planning Standard or other existing consultation processes	Planning Standard	Management planning and operational planning.	Documentation of consultation processes	FMP: None. Performance: Stewardship Reports - summary of consultation with relevant protected area agencies.		Adjust strategies in subsequent FMP



VOIT ID	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
	2.1.1 Reforested harvest areas	2.1.1.1 Reforest all harvested areas	_	The sum of Indicators a, b and c = 100% of openings	Direction from Government of Alberta (GoA)	TMR 141.6(1) and 141.6(2); RSA	Implementation of silviculture strategies that ensure the target stocking and species composition is achieved for the opening	RSA establishment survey protocols	FMP: None. Performance: ARIS - updates to Alberta Regeneration Information System (ARIS) tables. Stewardship Reports - tables summarizing indicators a, b, and c		Adjust silviculture strategies
	Reforested harvest areas	Increment (MAI)	Summed difference between target and actual C MAIs and D MAIs for openings surveyed in a five year quadrant, as reported to ARIS		Direction from GoA	TMR 141.7(1) and 141.7(2);RSA	Implementation of silviculture strategies that ensure the target productivity is achieved for the population of openings	/	Performance: ARIS - updates to ARIS tables.	exceed the	Adjust silviculture strategies



VOIT ID	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
20	2.1.2 Maintenance of forest landbase	2.1.2.1 Limit conversion of productive forest landbase to other uses		Net change of the gross forested landbase area within the FMA.	Forest inventory and land use data	Planning Standard	Maintain current forest cover inventory and land use updates. Promote the minimization of non-forested impacts to the landbase.	Inventory and land use systems	FMP: none. Performance: Stewardship Reports - number of dispositions and area of disposition withdrawn from the landbase, number of dispositions returned, and area of dispositions returned to the landbase, net change to landbase area.		Adjust net landbase projections in next TSA
21		2.1.2.2 Recognize lands affected by insects, disease or natural calamities			health surveys, inventory updates, fire reporting.		Maintain up-to- date information	GoA annual forest health surveys and Company detections		Report actuals	Event specific
22	2.1.3 Control invasive species	2.1.3.1 Control invasive plants	Invasive plant program		and reporting on	Weed Management in Forestry Operations Directive 2001-06	Follow CFP Invasive Plant Program	Adherence to OGRs, Field inventories	FMP: None Performance: Stewardship Reports Invasive plant inspections summarized in Stewardship report	actuals	Continually Improve invasive plant program
23	3.1.1 Soil productivity	3.1.1.1 Minimize impacts of roads, landings and bared areas in forest operations	Compliance with OGRs directing both decompaction where necessary as well as compliance with the FMP Reforestation Strategy Table.		Direction from GoA	OGRs and Soils Guidelines	Effective planning and supervision of operations	Field inspection reports and audits	FMP: None Performance: Summary of total area of roads, landings and bared areas that were not reforested with a rationale as to why.	None	Immediate remedial action to correct



VOIT ID	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
24		3.1.1.2 Minimize incidence of soil erosion and slumping	Incidence of soil erosion and slumping	Complete compliance with OGRs	Direction from GoA OGRs related to soils and erosion control	OGRs and other guidelines for soil erosion and sediment control	Effective planning and supervision of operations and adherence to relevant OGRs	Field inspection reports and audits	Performance: Stewardship Report: Report on all company monitoring results Number of FOMP variances related to relevant OGRs Number of Company self- reports related to relevant OGRs		Immediate remedial action to correct and review of causal factors associated with erosion or slumping events.
	-	timber harvesting on	Forecast impact of timber harvesting (over 200 years) on water yield.	a) Snow sensitive zones will have ECA's multiplied by 1.5 b) Mean annual water yield increase < = 15% or Equivalent clearcut area (ECA) < = 30% in approved watersheds	a) Identifying high runoff areas during peak streamflow on the Eastern Slopes of the southern Canadian Rocky Mountains ⁷ b) ECA and hydrological modelling using approved watersheds Watershed sensitive values assessment Direction from Alberta	ALSA, SSRP and LPH- LFMP	Minimize variance by developing and implementing an operationalized SHS Incorporate knowledge from hydrological modelling and watershed research Direction from Alberta	SHS area variance as per OGRs.	FMP: Table showing ECA at 0, 10, 50, 100 and 200 years and maps showing ECA at year 0, 10 and 50 years Performance: 5 year - Stewardship Report 5 year - If SHS variance exceeds 20% in compartments that fall within a watershed, ECA must be remodelled. 10 year - Stewardship Report Table comparing ECA values at year 0 from 2025 FMP to year 10 of new FMP by approved watershed	SHS variance	l *



VOIT ID	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
26	3.2.2 Effective riparian habitats	3.2.2.1 Minimize impact of operations in riparian areas	management areas	Compliance with relevant OGR sections pertaining to aquatic and riparian protection		Federal Fisheries Act, TMR, Forests Act, ALSA, SSRP, LPH-LFMP, OGRs	Effective planning and supervision of operations and adherence to relevant OGRs.	reports and GoA FOMP reporting. Company monitoring/audits,	Performance: Stewardship Reports - Number of FOMP variances related to relevant OGRs Number of Company self- reports for relevant OGR contraventions Number of relevant OGR deviation requests in operational plans		Response will be determined by the frequency and severity of reported incidence at the discretion of Alberta Demonstrate that aquatic and riparian habitat objectives are being met through an effective monitoring program based on aquatic and riparian function
27	Sustainable	5.1.1.1 Establish appropriate Annual Allowable Cuts (AACs)	Process described in Annex 1 is followed and standards are met	Complete compliance	Consultation in planning process	Forests Act and TMR	Effective implementation of planning process	Scaling and Tenure System (FOREST), ARIS. AOPs.	5 year - Stewardship		Adjust AAC using most current and relevant information



VOIT ID	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
	communities and landscape values from wildfire is low.	GoA in reducing wildfire threat potential by reducing fire behavior, fire occurrence, threats to values at risk and enhancing fire suppression capability	Risk Indicator (WRI) classes	a) Harvest 30% of the area in WRI classes within the CFP FMA Community Zones over 20 years b) Harvest 10% of the area in WRI classes within the CFP FMA Landscape Zone over 20 years.	Annex 3 Report, data and recommendations provided to FMA Holder FMA Holder assessment of the SHS developed using recommendations from Annex 3 Report	Planning Standard, ALSA, SSRP, LPH-LFMP	SHS, thinning, partial harvest techniques, FireSmart Treatments.	AOPs, Compartment Assessments	FMP: Maps of WRI, Fuel Grid, Historical Wildfires and Natural Subregions. Performance: Stewardship Reports - Report harvest area and percent by year for a) and b) from time zero of the 2025 FMP	Issue specific	Adjust harvest sequence
	opportunities to derive	5.2.2.1 Integrate other uses and timber management activities	Designated and Provincial trail integration.	Integrate designated and Provincial trails as indicated in the Timber Harvest Planning and Operating Ground Rules.	Consultation and co- operation. Designated and Provincial trails that are identified in the Trails Designation Order.	Planning Standard, OGRs, Trails Act, applicable Ministerial Order	Effective implementation of plans.	Consultation Tracking.	FMP: None Performance: Stewardship Report - report length (m) of trail protected that overlaps harvested areas	Issue specific	Adjust activities
_	5.1.2 Scenic values	forestry supports	Minimize impacts to high scenic values in high visual quality areas	The SHS will not include more than 12% of the identified high scenic values in the first two decades.		ALSA, LPH-LFMP, Livingstone-Porcupine Hills Recreation Management Plan		As-built harvest area boundaries	FMP: Map of areas identified with high scenic value and how much SHS area (ha) is scheduled in the first two decades. Performance: Stewardship reports Report actual percent harvested within the high scenic value areas	variance	Adjust strategies in subsequent FMP



VOIT ID	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
	opportunities to derive	encroachment onto grasslands	Forest encroachment onto grasslands is reduced in successional transitional areas	a) Reduce forest encroachment onto grasslands by the inclusion of 125 ha of successional transition areas in each of the first decade of the SHS (79 ha of contributing & 46 ha of noncontributing landbase). b) Slow the transition from grassland to forest in harvested successional transition areas by implementing alternative silviculture strategies.	process, GoA provided recommendations in the document titled, "Minimizing Forest Encroachment in Successional Transition	AFMPS	Develop the SHS considering successional transition areas to reduce forest encroachment onto grasslands. Include alternative silviculture strategies to reduce forest encroachment onto grasslands such as, but not limited to, partial harvest, pre commercial thinning, leave for natural and/or reduced planting densities.	AOPs, Reforestation Standard of Alberta, Reforestation survey audit results, AVI	FMP: Map showing identified successional transition areas planned for treatment on the contributing (planned SHS) and non-contributing landbases in the first decades. Performance: 5 year – Stewardship Report a) Report harvested successional transition areas in the contributing (actual SHS) and non-contributing landbases (Map and table indicating the harvest areas and what alternative silviculture strategy was implemented in each). 10 year – Stewardship Report a) Report harvested successional transition areas in the contributing (actual SHS) and non-contributing landbases (Map and table indicating the harvest areas and what alternative silviculture strategy was implemented in each), and b) Report outcomes of each alternative silviculture strategy implemented to slow the transition from grassland to forest in successional transition areas.	None	Adjust in subsequent FMP



	OIT Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
2	9-4 5.2.2 Provi opportunit to derive benefits ar participate use and manageme	es Acknowledgment of Grazing Permit d Holder Rights. in	Consultation with grazing permit holders with operational planning (GDP).	a) Consultation with grazing permit holders b) Grazing/timber integration stipulations identified in Grazing Timber Agreements (GTA's)	a) Consultation with grazing permit holders b) Stipulations identified in the GTA's	Forest Reserve Act, Forest Act, AFMPS, OGR's, Grazing and Timber Integration Manual	Adherence to GTA stipulations	Adherence to GTA monitoring stipulations	Performance: 5 year – Stewardship Report a) Report number of completed GTA's. 10 year – Stewardship Report a) Report number of completed GTA's		Consultation with grazing permit holders make Adjust in subsequent FMP
	5.2.3 Fores Productivit		Regenerated stand yield compared to natural stand yield	No net decrease from the natural stand productivity	FMP TSA	Planning Standard	Effective implementation of plans	Future FMP RSA (MAI).	FMP: TSA Performance: 5 year - Stewardship Report 10 year - Stewardship Report (Compare time 0 of previous FMP to CLB of new FMP)		Adjust AAC using most current and relevant information
	6.1.1 Compliance with governmer regulations and policie	Consultation Process	Meet Alberta's current expectations for Indigenous consultation	Perform adequate consultation at the community level with designated representatives of affected Indigenous communities	GoA Indigenous Consultation and Policy Guidelines	Planning Standard, GoA Indigenous Consultation Policy and Guidelines		GoA FMP and GDP consultation adequacy letters CFP Indigenous communication database	FMP: Summary of input provided during Indigenous consultation, how it was incorporated into the FMP and if it wasn't, provide an explanation why. Performance: Stewardship Reports Summary of Indigenous consultation with input and responses during FMP implementation.		Adjust activities



VOIT	Value	Objective	Indicator	Target	Means to Identify Target	Legal / Policy Requirements	Means of achieving Objective and Target ¹	Monitoring and Measurement	Reporting	Acceptable Variance	Response
32	6.2.1	6.2.1.1 Implement	Meet expectations of	Implementation of Crowsnest Forest	CFP public	Planning Standard	Effective	CFP public	FMP: Summary of public	None	Adjust
	Meaningful	Public Participation	Section 5 of CSA Z809-02	Products' (CFP) Public Participation	participation		implementation	communication	input, how it was		activities
	public	Process		Program.	program.		of Public	database.	incorporated into the FMP		
	participation						Participation		and if it wasn't, provide an		
	is achieved			Annual opportunity for public input			Process		explanation why.		
				on harvest plans.					Performance: Stewardship		
									Reports Update on the		
									revised Terms of Reference		
									for the Public Advisory		
									Committee and the Public		
									Participation Program.		
									Summary of Public		
									Participation Program		
									activities and input from		
									the Public Advisory		
									Committee, public and		
									interest groups into harvest		
									plans		

^[1] Items noted under the "Means to Identify Targets" and "Means of Achieving Objectives and Targets" are intended as suggestions and not meant to limit potential approaches. The list is not comprehensive or mandatory.

Acronyms:

AAC - Annual Allowable Cut	ABMI - Alberta Biodiversity Monitoring Institute	AFMPS - Alberta Forest Management Planning Standards	ALSA - Alberta Land Stewardship Act	CFP - Crowsnest Forest Products
CLB - Classified Landbase	DID - Digital Integrated Dispositions	DLO - Department Licence of Occupation	ECA - Equivalent Clearcut Area	FGRMS - Forest Genetic Resource Management and Conservation Standard
FMA - Forest Management Agreement	FMP - Forest Management Plan	FOREST - Forest Revenue Scaling and Tenure System	GCP - Gene Conservation Plan	GDP - General Development Plan
GoA - Government of Alberta	HA - Hectare	HUC - Hydrologic Unit Code	LPH-LFMP - Livingstone Hills Land Footprint Management Plan	MAI - Mean Annual Increment
OGR - Operating Ground Rules	RSF - Resource Selection Function	SHS - Spatial Harvest Sequence	SSRP - South Saskatchewan Regional Plan	TMR - Timber Management Regulations
TSA - Timber Supply Analysis	WRI - Wildfire Risk Indicator			

^[2] Cover-classes: definition will be developed through FMP planning. In general, cover-class is a coarser grouping than the cover type (AVI stand label) but provides finer resolution than the cover groups (C, CD, DC, D) and will reflect leading species and mixedwood types.

^[3] Patch: a stand of forest in the same seral stage, and not split by a linear feature greater than 8m wide. Linear features in this definition include roads, pipelines, power lines, and rivers, but does not include seismic lines.

^[4] Old Interior Forest: Old interior forest patches are defined as any patch greater than 120 ha that is composed of stands greater than 120 years old, using an 8m adjacency distance.

^[5] Downed woody debris: wood lying at an angle of less than 45 degrees from the ground and having a diameter greater than 7.5 cm.

^[6] Wild: genetic materials of native species originating from natural regeneration (FGRMS).

^[7] FRIAA/FRIP report EOI FFI-17-15 (March 2020)



ADDITIONAL USEFUL LINKS

Regional planning in Alberta including the South Saskatchewan Regional Plan https://www.alberta.ca/regional-plans-and-recreation.aspx

C5 Forest Management Plan 2006-2026

https://open.alberta.ca/publications/0778545458

Provincial Operating Ground Rules and Addendums

https://www.alberta.ca/forest-management-manuals-and-guidelines

FRI Reasearch LandWeb Simulation Modeling

https://friresearch.ca/project/landweb-simulation-modelling

ACTS

Provincial - All Provincial acts are available at the King's Printer - https://www.alberta.ca/alberta-kings-printer

Forests and Prairie Protection Act – Establishes the provision of wildfire management activities, programs, and wildfire-related enforcement.

Forests Reserves Act and regulation – Provides for the establishment of forest reserves.

Provincial Parks Act and **Wilderness Areas, Ecological Reserve, Natural Areas and Heritage Rangelands Act** – Plays an important role in protecting natural diversity and intact habitat for supporting biodiversity, in addition to ensuring a wide range of recreation opportunities and tourism experiences.

Public Lands Act and Public Lands Administration Regulation – Provides for the settling of land disturbance standards and land conservation tools in support of biodiversity management.

Water Act – Provides for the allocation and use of Alberta's water resources and the protection of rivers, streams, lakes, wetlands and aquifers.

Wildlife Act – Provides for the designation and recovery of species at risk.

Regulated Forestry Professionals Act – Outlines mandatory registration for forestry practitioners & the means to define a Code of Ethics as well as the ability to enforce it.

Federal

Species at Risk Act (SARA) – Designates a committee to report to the federal Minister of the Environment on threatened species and assess their conservation status as well as recommendations to recover threatened habitats.

Navigation Protection Act - Provides a schedule which clearly lists the major waterways for which regulatory approval is required prior to the placement of construction of a work.

Federal Fisheries Act – Protection of fish and fish habitat, through HADD (harmful alteration, disruption or destruction of fish habitat) and outlines when Fisheries and Oceans Canada (DFO) requires contact.



Migratory Birds Convention Act – Outlines the responsibility of Environment Canada to develop and implement policies and regulations to ensure the protection of migratory birds, their eggs and their nests.

Section 35 of the Constitution Act,1982 - The duty to consult is a legal obligation for the Canadian government (and the provinces responsible for Crown land) to consult with Indigenous peoples when considering actions that could negatively impact their rights. This duty is derived from the Constitution Act, 1982, and is based on the "Honour of the Crown"

STANDARDS

Alberta Forest Management Planning Standard Version 4.1. – April 2006

The Alberta Forest Management Planning Standard and its annexes, interpretive bulletins, and updates comprise the standard for preparing and implementing Forest Management Plans in Alberta.

https://www.alberta.ca/forest-management-manuals-and-guidelines.aspx

SSRP AND SUB-PLAN INFORMATION

South Saskatchewan Regional Planning

https://www.alberta.ca/south-saskatchewan-regional-planning.aspx

Livingstone Porcupine Hills Land Footprint Management Plan & Recreation Management Plan https://www.alberta.ca/south-saskatchewan-subregional-planning.aspx

USEFUL ACRONYMS

AAC Annual Allowable Cut

ALSA Alberta Land Stewardship Act

CCFM Canadian Council of Forest Ministers

CFP Crowsnest Forest Products
CSA Canadian Standards Association

DFA Defined Forest Area

FMA Forest Management Agreement

FMP Forest Management Plan GoA Government of Alberta

LPH-LFMP Livingstone-Porcupine Hills Land Footprint Management Plan

NTAs Non-Timber Assessments

OGRs Timber Harvest Planning and Operational Ground Rules

PDT Plan Development Team

PFMS Preferred Forest Management Scenario

SFM Sustainable Forest Management

SHS Spatial Harvest Sequence

SSRP South Saskatchewan Regional Plan

TSA Timber Supply Analysis

VOITs Values, Objectives, Indicators & Targets