

2025 CSA Indicator Amendments

1.1.1.: Brian Marcus

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C'AWAK ?QIN
FORESTRY

1.1.1.: Ecosystem area by type

Old format

Element: 1.1 Ecosystem Diversity				
<i>Conserve ecosystem diversity at the stand and landscape levels by maintaining the variety of communities and ecosystems that naturally occur in the DFA. Establish forest plantations only in afforestation projects.</i>				
Value	Objective	Indicator	Target	Variance
Older seral stages by ecosystem type on the DFA	Older seral stages by ecosystem type are maintained	Ecosystem area by type	All ecosystem types by biogeoclimatic variant have greater than 50% of the productive forest area in mid, mature, and old seral stages annually	- 5% by type for up to 10 years

Proposed Amendment

Element: 1.1 Ecosystem Diversity				
<i>Conserve ecosystem diversity at the stand and landscape levels by maintaining the variety of communities and ecosystems that naturally occur in the DFA. Establish forest plantations only in afforestation projects.</i>				
Value	Objective	Indicator	Target	Variance
Older seral stages by ecosystem type on the DFA	Older seral stages by ecosystem type are maintained	Ecosystem area by type	All ecosystem types in the conservation network by Biogeoclimatic variant increases or stays the same within mid to old age classes.	None

1.1.1.: Ecosystem area by type

➤ Old format

Year	BEC Zone / Variant	Early (ha)	Mid (ha)	Mature (ha)	Old (ha)	Total Area of Mid to Old (ha)	Total Productive Area of BEC Zone (ha)	% Rep. of Productive Mid to Old	Target Met (Y/N)	Variance Met (Y/N/N/a)
2025	CWHmm1	1,131	757	44	1,861	2,662	3,793	70	N	N
	CWHmm2	1,551	550	282	3,690	4,522	6,073	74		
	CWHvh1	4,318	1,073	309	2,678	4,060	8,378	48		
	CWHvm1	24,877	20,666	3,870	17,249	41,785	66,662	63		
	CWHvm2	5,469	2,235	428	8,306	10,968	16,438	67		
	CWMxm	4,025	3,551	3,735	1,689	8,975	12,999	69		
	MHmm1	131	7	11	2,207	2,225	2,356	94		

1.1.1.: Ecosystem area by type

Proposed Amendment

Year	BEC Zone / Variant	Conservation Network in Early Aged Forests (ha)	Conservation Network in Mid Aged Forests (ha)	Conservation Network in Mature Aged Forests (ha)	Conservation Network in Old Aged Forests (ha)	Total Area of Conservation Network in Mid to Old (ha)	Total Forest Cover over BEC Zone (ha)	% Rep. of Conservation Network Mid to Old	% Change of 2025 – Previous Year	Target Met (Y/N)	Variance Met (Y/N/N/a)
2025	CWHmm1	9	32	27	1,031	1,090	3,793	29	0.0	Y	n/a
	CWHmm2	170	166	68	1,776	2,009	6,073	33	0.0		
	CWHvh1	172	582	177	1,541	2,299	8,378	27	0.0		
	CWHvm1	916	3,221	1,166	10,864	15,252	66,662	23	0.0		
	CWHvm2	72	44	225	4,889	5,158	16,438	31	0.0		
	CWHxm	200	912	1,379	1,340	3,631	12,999	28	0.0		
	MHmm1	1	1	1	989	991	2,356	42	0.0		

1.1.2.: Forest area by type or species Composition

◀(•)▶ Old format

Element: 1.1 Ecosystem Diversity				
<i>Conserve ecosystem diversity at the stand and landscape levels by maintaining the variety of communities and ecosystems that naturally occur in the DFA. Establish forest plantations only in afforestation projects.</i>				
Value	Objective	Indicator	Target	Variance
The representation of commercial species on the DFA	Species conversion on the DFA is limited	Forest area by type or species composition	The three-year movement in the representation of each commercial tree species (as expressed by the forest area by species composition) in the inventory remains within 2% of the 2012 baseline level	+/- 1% of the target by species. i.e. Douglas-fir at 20.6% could be as high as 23.6% or as low as 17.6% in 2018.

◀(•)▶ Proposed Amendment

Element: 1.1 Ecosystem Diversity				
<i>Conserve ecosystem diversity at the stand and landscape levels by maintaining the variety of communities and ecosystems that naturally occur in the DFA. Establish forest plantations only in afforestation projects.</i>				
Value	Objective	Indicator	Target	Variance
The representation of commercial species on the DFA	Species conversion on the DFA is limited	Forest area by type or species composition	The three-year movement in the representation of each commercial tree species (as expressed by the forest area by species composition) in the inventory moves closer to the MP #6 long term harvest level by species or stays the same.	None

1.1.2.: Forest area by type or species Composition

↔ Old format

Year	Species	Base-line 2012 %	Current Year %	% change of 2012 - current year	Target Met (Y/N)	Variance Met (Y/N/N/a)
2024	Douglas-Fir	20.6	20.5	-0.1	Y	n/a
	Pine	0.4	0.4	0		
	Western Red Cedar	19.3	20.7	1.4		
	Yellow Cedar	3	2.7	-0.3		
	Sitka Spruce	0.4	0.6	0.2		
	Hemlock (western & mountain)	42	41.2	-0.8		
	Amabilis Fir	12.5	12.2	-0.3		
	Deciduous (alder and maple)	1.9	1.9	0		

1.1.2.: Forest area by type or species composition

◀(•)▶ Proposed Amendment

Year	Species	Baseline %	Current Year %	% change of baseline – current year	Target Met (Y/N)	Variance Met (Y/N/N/a)
2025	Douglas-Fir	24	19.9	4.1		
	Western Red Cedar	28	20.4	7.6		
	Yellow Cedar	3	3.0	0.0		
	Hemlock (western & mountain)	42	41.4	-11.9		
	Amabilis Fir		12.5			
	Sitka Spruce	2	0.6	-0.8		
	Pine		0.4			
	Deciduous (alder and maple)		1.8			

4.1.1.: Net carbon update

- ◀(•)▶ Action Item #5: Provide an answer to the group regarding what age indicator 4.1.1. starts measuring.

- ◀(•)▶ Answer: age one



5.2.3.: level of direct, indirect and induced employment

◀(•)▶ Old format

Element: 5.2 Communities and sustainability <i>Contribute to the sustainability of communities by providing diverse opportunities to derive benefits from forests and by supporting local community economies.</i>				
Value	Objective	Indicator	Target	Variance
Employment	Provide employment	Level of direct and indirect employment	The direct and indirect employment is greater than 194 measured on a <i>five-year rolling average</i> .	-20 direct and indirect jobs

◀(•)▶ Proposed Amendment

Element: 5.2 Communities and sustainability <i>Contribute to the sustainability of communities by providing diverse opportunities to derive benefits from forests and by supporting local community economies.</i>				
Value	Objective	Indicator	Target	Variance
Employment	Provide employment	Level of direct, indirect and induced employment	The total (direct, indirect and induced) employment is greater than 242 measured on a <i>five-year rolling average</i> .	-22 total jobs

5.2.3.: level of direct, indirect and induced employment

↔ Old format

Year	Direct Exposure Hours	Direct Jobs	Indirect Jobs	Direct and Indirect Jobs	Target Met (Y/N)	Variance Met (Y/N/N/a)
5 yr average (2021-2025)	211,789	132	91	223	Y	n/a
2025	177,239	111	77	188		
2024	167,044	104	72	176		
2023	252,901	158	109	267		
2022	190,621	119	82	201		
2021	271,142	169	117	286		

5.2.3.:level of direct, indirect and induced employment

◀(•)▶ Proposed Amendment

Year	Direct Exposure Hours	Direct Jobs	Indirect Jobs	Induced Jobs	Total Jobs	Target Met (Y/N)	Variance Met (Y/N/N/a)
2021-2025 average	211,789	132	91	55	278	Y	n/a
2025	177,239	111	77	47	235		
2024	167,044	104	72	44	220		
2023	252,901	158	109	66	333		
2022	190,621	119	82	50	251		
2021	271,142	169	117	71	357		

6.2.1: Improve Safety Standards

◀(•)▶ Old Format

Element: 6.2 Safety

Demonstrate that the organization is providing and promoting safe working conditions for its employees and contractors

Value	Objective	Indicator	Target	Variance
Worker safety	Existence of an active worker safety program	Evidence of co-operation with DFA-related workers to improve and enhance safety standards, procedures, and outcomes in all DFA-related workplaces and affected communities	Annual target evidences will come from two or more of (but not be limited to): (1) the Medical Incident Rate report, (2) hazard alert report (3) general contractor training sessions (4) safety focus topics	None

6.2.1: Improve Safety Standards

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Element: 6.2 Safety

Demonstrate that the organization is providing and promoting safe working conditions for its employees and contractors

Value	Objective	Indicator	Target	Variance
Worker safety	Existence of an active worker safety program	Evidence of co-operation with DFA-related workers to improve and enhance safety standards, procedures, and outcomes in all DFA-related workplaces and affected communities	Annual target evidence will come from: (1) the Medical Incident Rate report, (2) at least 2 hazard alert reports, (3) at least 2 general contractor training sessions, and (4) at least 2 safety focus topics.	None

Questions?

