

2023 Indicator and Results Review

February 13, 2025

C'AWAK ?QIN
FORESTRY

Indicators Reviewed

- 1.1.2. Forest Area by Type or Species Composition
 - 1.2.1. Habitat Protection for Selected Focal Species
 - 3.2.2b. Community Watersheds
 - 3.2.2c. S4 Streams
 - 5.2.2. Level of Participation and Support in Training and Skills Development
 - 6.1.1. Participant Satisfaction with Public Process
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- Action item discussion
 - 5.2.3. Level of Direct and Indirect Employment



1.1.2. Forest Area by Type or Species Composition

- Adopted table used in 2021 report
- Re-assessment scheduled for 2024 report

Current Status & Results

Given the DFA changed significantly with area removals in 2010 the new baseline will be 2012. The tree species representation was re-assessed for the 2018 report.

Species	Base-line % 2012	2018 %	% change 2012-18	2023	% change 2012-2023	Target Met	Variance Met
Douglas-fir	20.6	19.9	-0.7	19.8		Y	n/a
Pine	0.4	0.4	0	0.4			
Western Red Cedar	19.3	20.0	0.7	20.1			
Yellow Cedar	3.0	3.5	0.5	3.3			
Sitka Spruce	0.4	0.5	0.1	0.5			
Hemlock (western & mountain)	42.0	41.2	-0.8	41.4			
Amabilis Fir	12.5	12.7	0.2	12.6			
Deciduous (Alder and Maple)	1.9	1.8	-0.1	1.8			

Performance and Interpretation

2023: The tree species representation has remained quite consistent compared to the 2012 baseline.



1.2.1. Habitat Protection for Selected Focal Species

Current Status & Results

Year	Type of Habitat Protected/ Species	Area (ha)			Measure	Target Met (Y/N)	Variance Met (Y/N)
		Legal	Proposed	Voluntary			
2023	UWR	2,130			Spatially delineated ungulate winter range		
	MAMU	3,418.97	0.00	0.51	Moderate to very High ranked habitat from the low-level aerial inventory in WHA, UWR, OGMA		
	Goshawk	782	400.2	276	Area reserved around known nests (WHA, other)		
	Red-legged Frog	54			Area reserved around known breeding ponds		
	Scouler's Corydalis	73.52	0.00	0.00	Area reserved around known locations of Scouler's Corydalis		
2022	UWR	2,130	0	0	Spatially delineated ungulate winter range	Y	N/A
	MAMU	3,153	1,607	0	Moderate to very High ranked habitat from the low-level aerial inventory in WHA, UWR, OGMA		
	Goshawk	782	0	432	Area reserved around known nests (WHA, other)		
	Red-legged Frog	54	0	0	Area reserved around known breeding ponds		
	Scouler's Corydalis	74	0	0	Area reserved around known locations of Scouler's Corydalis		

- MAMU row updated
- Goshawk row updated
- Target and variance columns updated

3.2.2b. Community Watersheds

- Updated # of non-compliance column to 1
- Target met column set to No
- Updated performance and interpretation section

Current Status & Results

Year	# of non-Conformance	# of non-Compliance	Target Met (Y/N)	Variance Met (Y/N)
2023	0	0	Y	n/a
2022	1	0	N	n/a
2021	0	0	Y	n/a
2020	0	0	Y	n/a
2019	0	0	Y	n/a
2018	0	0	Y	n/a

Performance and Interpretation

2023: 1 block harvested within community watersheds in 2023 (China Creek, Cutblock 181304).



3.2.2c. S4 Streams

- Updated numbers in row for 2023
- Target met column set to Yes
- Variance met column set to n/a
- Updated performance and interpretation section

Current Status & Results

Year	# Cutblocks	Total Area 15m Stream Buffer (ha)	Logged Area of 15m Stream Buffer (ha)	Amount of 15m Stream Buffer Intact (%)	Target Met (Y/N)	Variance Met (Y/N)
2023	7	6.8	2.2	68%	N	N
2022	6	7.0	1.0	86%	Y	n/a
2021	7	11.9	3.6	70%	N	N
2020	14	11.5	1.75	85	Y	n/a
2019	11	8.0	2.8	65	N	N
2018	12	7.1	1.6	77	N	Y

Performance and Interpretation

2023: Incorrect model output. Non-fish streams in a Community watershed were classified as fish due to S6 streams being considered as S4 within Community watersheds.



5.2.2. Level of Participation and Support in Training and Skills Development

- Data was checked and confirmed to be correct
- Updated performance and interpretation section

Current Status & Results

Year	Average Person Days of Professional Training	Target Met (Y/N)	Variance Met (Y/N)
2023	5.8	Y	n/a
2022	6.4	Y	n/a
2021	5.4	Y	n/a
2020	5.4	Y	n/a
2019	9.8	Y	n/a

Performance and Interpretation

2023: This indicator was met for 2023 and is also higher than 2022. Planning staff and contractor principles participated in a wide range of training including Corporate Resource Management Standards (Big/Tall Tree, Bear Dens, Riparian, etc.). Staff Forest Professionals also report on a minimum annual target (30hrs) of Continuous Professional Development to the FPBC. This result is a conservative estimate of training as not all information is entered into the training database.



6.1.1. Participant Satisfaction with Public Process

- Variance met column changed to n/a
- Updated performance and interpretation section to reflect correct percentage

Current Status & Results

Year	Satisfaction Survey Completed (Y/N)	Satisfaction Level	Target Met (Y/N)	Variance Met (Y/N)
2023	Yes	1.45	Y	N
2022	Yes	1.49	Y	n/a
2021	Yes	1.6	Y	n/a
2020	Yes	1.6	Y	n/a
2019	Yes	1.5	Y	n/a
2018	Yes	1.6	Y	n/a

Performance and Interpretation

2023: Of the 13 TPAG members, 10 completed the annual evaluation form, a 57% response rate. This is a similar response rate to previous years.



Action item #12

5.2.3. Level of direct and indirect employment

- Target of 350,000 hours will be changed to incorporate a hrs /m3 number instead
- A variance will be assigned in the 2024 report as there will be 3 consecutive years of data by then
- Can discuss further in April meeting

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	350,000 Safety Exposure Hours	-20% No max

History

Core Indicator under CSA Z809-08. Title updated for CSA Z809-16. Target methodology updated in 2023

Basis for the Target

The target is based on data from 2020-2022 comparing safety exposure hours and harvest levels. This limited historical data indicates a ratio of 0.6 hrs/m3. Based on this, full AAC harvest (less Omoah) of 585,208m3 equates to ~350,000 exposure hours. The variance is to account for adjustments in harvest levels from year to year attributed to market conditions, weather, and disputes as well as harvest method differences from year to year. Omoah Bill 13 harvest is not considered as exposure hours are not tracked. Due to the limited historical data used to derive the target, the ratio should be examined annually and adjustments to the target considered.

Current Status & Results

Year	Exposure Hours	Harvest Volume	Hrs/m3	Target Met (Y/N)	Variance Met (Y/N)
2023	292,323	353,457	0.82	N	Y
2020-2022	813,860	1,363,145	0.60	N/A	N/A

Performance and Interpretation

2023: Indicator target methodology was updated in 2023. Variance is 280,000 exposure hours. This was based on historic data relating exposure hour to harvest level. Indicator result is still driven by an annual harvest volume relative to the AAC. The Hrs/m3 likely increased due to greater capture of exposure hours from contractors. There is no maximum to the variance, but the 5 year AAC cut control period must still be considered

Changes coming in 2024 report

- Variance met column will include Y/N/N/a
- Further explanations will be included moving forward as to “why” certain targets are met or not met
- Updated version of 2023 report will be posted on website

Questions?

