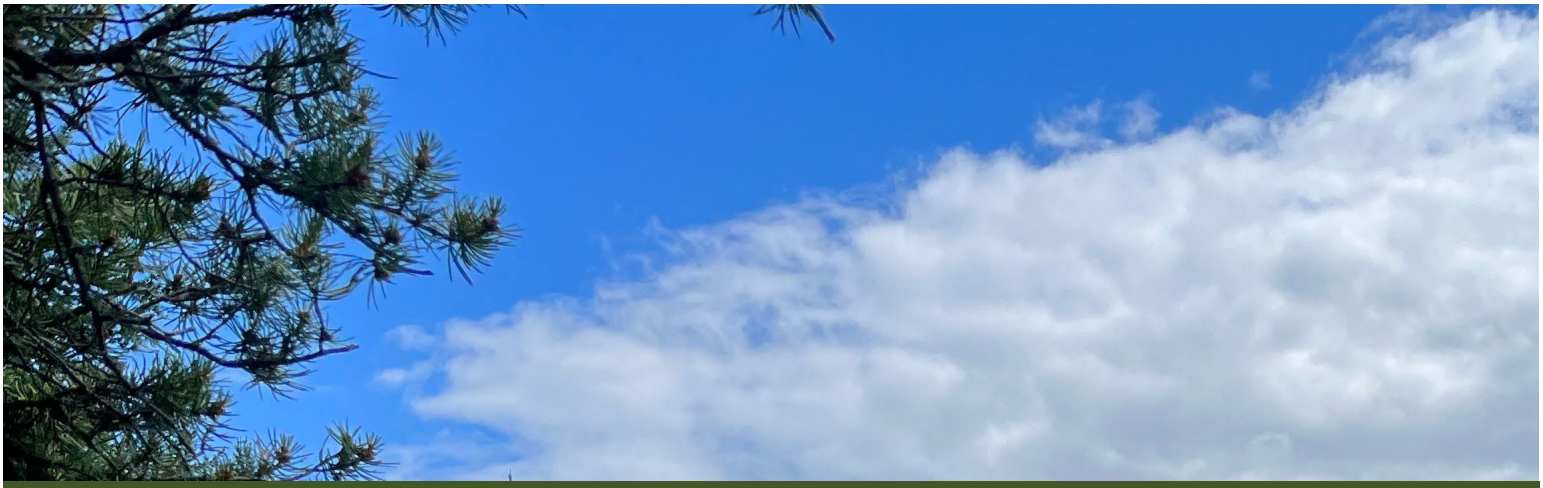
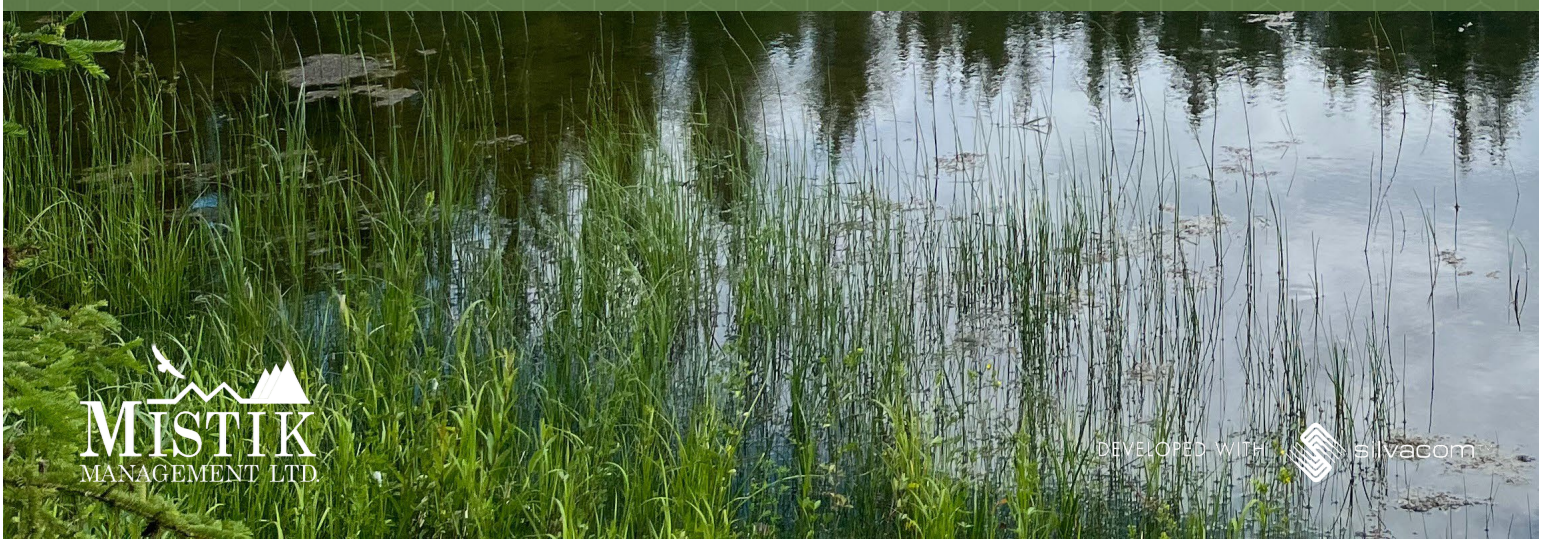


MISTIK MANAGEMENT LTD.

October 2026

2024/2025 ANNUAL REPORT

Meadow Lake Timber Supply Area and Glaslyn Timber Supply Area



Mistik Management Ltd. 2019-2039 20-year Forest Management Plan

2024/25 Annual Report

for the

Meadow Lake Timber Supply Area and Glaslyn Timber Supply Area

Submitted by:
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Final Submission: 9 November 2026

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Date: 2026.11.09
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3 INTRODUCTION

Mistik Management Ltd. ("Mistik") provides forest management services on behalf of its owners, NorSask Forest Products LP ("NorSask"), and Meadow Lake Mechanical Pulp Inc. ("MLMP"), both located near Meadow Lake, SK. Mistik also provides forest management services for NorthWind Forest Products ("NorthWind") located in Glaslyn SK. Both NorSask and NorthWind are owned by Meadow Lake Tribal Council.

Mistik and NorthWind conduct their forestry operations within the context of a 20-year Forest Management Plan (FMP) as required under provincial legislation and forest management agreements in Saskatchewan. The Mistik FMP was prepared and approved based on the requirements of the *Saskatchewan Environmental Code, Forest Management Planning Standard 2017*[1] ("FMP standard"). Mistik's FMP provides strategic-level direction for management of forest resources within the Mistik and L&M Forest Management Agreement areas[2]. The FMP establishes goals, objectives, and strategies to guide forest management activities, describes desired future forest conditions, and seeks to address land and resource use. Mistik's 2019-2039 20-year FMP was approved on May 23, 2019.

This annual report is being submitted to fulfil the FMP reporting requirement of section 1-54 of the provincial FMP standard. Each annual report covers the timeframe of April 1– March 31, and assesses progress on FMP values, objectives, indicators, and targets ("VOITs"), public involvement, non-timber values, natural disturbances, compliance with legislation, and other FMP commitments. The 2023/24 operating year annual report contains information related to the 5-year assessment of several FMP VOITs.

Each FMP indicator has a defined assessment timeframe of annual, 5-year, or 10-year basis (refer to Section 5 – FMP Targets). Although most indicators are reported on annually, a more formal assessment is made according to the defined assessment timeframe. Annual reporting of indicators that are not being formally assessed outlines weather the indicator is "on track" to meet the desired objective. The FMP Management Implementation Team (MIT) made up of company, Ministry of Environment, and Mistik Public Advisory Group representatives, reviews the annual report each year to determine why any indicators may be "off track" and if adjustments to procedures or operations need to be made.

For a full understanding of the FMP and indicators used, please refer to the *Mistik 2019-2039 20-year Forest Management Plan* which can be found on Mistik's website (www.Mistik.ca).

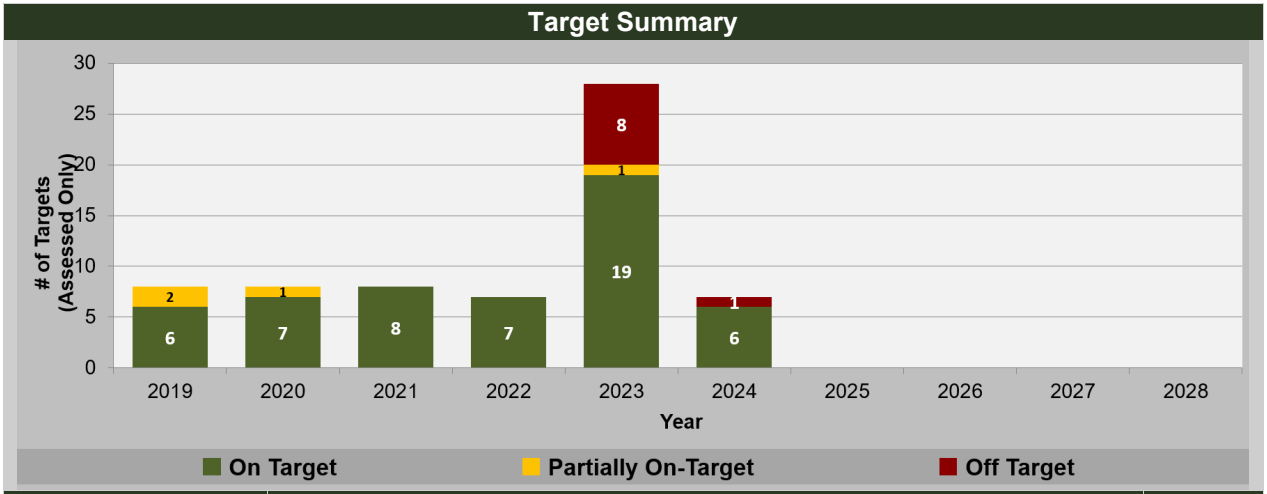
Note that Mistik amended the forest management plan in 2022-23 to align with the Range Plan for Woodland Caribou in Saskatchewan, which was finalized by the province in October 2021. The changes to the forest management plan were approved and took effect on April 1, 2023. Annual reports starting with the 2023-24 operating year will be updated to reflect these changes.

In 2025/26 in response to significant wildfires in 2023 and 2025, Mistik recalculated sustainable harvest level ("Annual Allowable Cut/AAC"). This change was approved in the Mistik 2026/27 Annual Operating Plan.

[1] Since the approval of the 2019 FMP, the *Forest Management Planning Standard* was revised (2023). Beginning with the 2024/25 annual report, Indicator #4 will follow retention measurement criteria as outlined in the updated *Forest Management Planning Standard 2023.*

[2] The L&M Forest Management Agreement is now held by NorthWind Forest Products. References to "L&M" throughout the FMP and annual reports are in reference to activities undertaken on the L&M Forest Management Agreement area.

4 FMP TARGET SUMMARY



Category		Year (*)										Current Status
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Assessed	On Target	6	7	8	7	19	6					**6**
	Partially On Target	2	1	0	0	1	0					**0**
	Off Target	0	0	0	0	8	1					**1**
	Total	**8**	**8**	**8**	**7**	**28**	**7**					**7**
Not Assessed	On Track	10	12	12	12	1	16					**16**
	Monitor	7	8	8	10	2	8					**8**
	N/A	7	4	4	3	1	1					**1**
	Total	**24**	**24**	**24**	**25**	**4**	**25**					**25**
Total		**32**	**32**	**32**	**32**	**32**	**32**					**32**

(*) The table and graph above include updates for the previous years (2019–2022). According to the FMP Standards, Indicator 7c is assessed every five years. It was correctly reported in each report year; however, the classification shown in this table/graph had to be adjusted, as it had been treated as part of an annual assessment cycle since the beginning of the Annual Report. The correction now aligns the classification with the five-year cycle required by the Forest Management Planning Standard.

5 FMP TARGETS

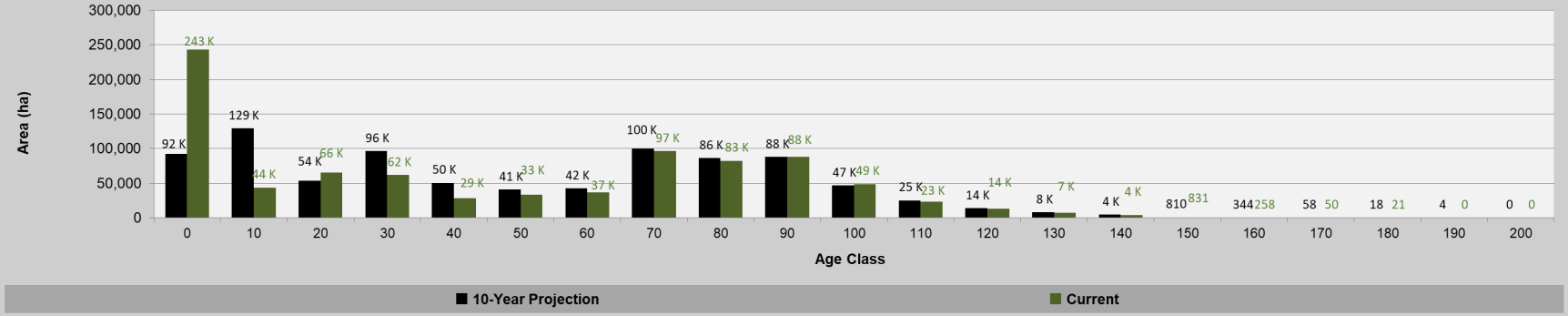
Reporting Item	Description	Status (Parts)	Reporting Cycle	Assessment Cycle	Next Assessment Year	Location
Target 1	Age Class Distribution	Not Assessed (N/A)	Annual	10-Year	2028	**Page 9.**
Target 2a	Percent for the forest landbase that is old and very old (**10 parts**)	Not Assessed (On Track)	Annual	10-Year	2028	**Page 11.**

Reporting Item	Description	Status (Parts)	Reporting Cycle	Assessment Cycle	Next Assessment Year	Location
Target 2b	Standard deviation of old forest area by management unit (**5 parts**)	Not Assessed (Monitor)	Annual	10-Year	2028	**Page 13.**
Target 3	Size class distribution of harvest events	Not Assessed (Monitor)	5-year	10-Year	2028	**Page 14.**
Target 4	Tree retention after harvest (based on 2019-2023 targets)	Not Assessed (Monitor)	Annual	5-Year	2028	**Page 15.**
Target 4	Revised - Tree retention after harvest (based on revised FMP Standard-2023)	Not Assessed (On Track)	Annual	5-Year	2028	**Page 19.**
Target 5	The softwood component in hardwood stands is maintained	Not Assessed (On Track)	Annual	5-Year	2028	**Page 20.**
Target 6	Relative abundance of SGR Forest Types are forecasted to be maintained at next rotation	Not Assessed (Monitor)	Annual	5-Year	2028	**Page 21.**
Target 7a	Current habitat availability for Fisher vs. predicted future (modelled) supply	Not Assessed (Monitor)	Annual	5-Year	2028	**Page 23.**
Target 7b	Habitat availability for Caribou	On Target	Annual	Annual	Annual	**Page 25.**
Target 7c	Current habitat availability for Moose vs. predicted future (modeled) supply	Not Assessed (Monitor)	Annual	5-Year	2028	**Page 28.**
Target 8	Seedlings are from wild or improved seed sources	Not Assessed (On Track)	Annual	5-Year	2028	**Page 30.**
Target 9	Post-harvest areas are successfully regenerated	Not Assessed (On Track)	Annual	5-Year	2028	**Page 31.**
Target 10	Change in the managed forest landbase area	Not Assessed (On Track)	Annual	5-Year	2028	**Page 34.**
Target 11	Net area disturbed by stand replacing natural events (fire)	Off Target	Annual	Annual	Annual	**Page 35.**
Target 12	Proportion of a natural disturbance event retained un-salvaged	Not Assessed (On Track)	Annual	5-Year	2028	**Page 36.**
Target 13	Yield curve suitability; measured by actual harvest volume (m^3/ha)	Not Assessed (Monitor)	5-year	5-Year	2028	**Page 37.**

Reporting Item	Description	Status (Parts)	Reporting Cycle	Assessment Cycle	Next Assessment Year	Location
	compared to predicted volume					
Target 14	Utilization assumption consistency and implementation	On Target	Annual	Annual	Annual	Page 40.
Target 15	Operational adherence to the Tactical Plan	Not Assessed (On Track)	Annual	5-Year	2028	Page 41.
Target 16	Harvesting activities in compliance with all related requirements	Not Assessed (Monitor)	Annual	5-Year	2028	Page 42.
Target 17	Crossing activities in compliance with all related requirements	Not Assessed (Monitor)	Annual	5-Year	2028	Page 43.
Target 18	Event Duration	Not Assessed (On Track)	Annual	5-Year	2028	Page 44.
Target 19a	Utilization of harvest volume schedule (HVS)	Not Assessed (On Track)	Annual	5-Year	2028	Page 45.
Target 19b	Harvest plans designed to lower wildfire risks to communities	Not Assessed (On Track)	Annual	5-Year	2028	Page 47.
Target 20	Stakeholder and public engagement (Public Advisory Group meetings)	On Target	Annual	Annual	Annual	Page 48.
Target 21	Spatially identified non-timber resources and forest use activities	On Target	Annual	Annual	Annual	Page 49.
Target 22	Harvest operations are proportionally distributed across the FMA (2019-2023)	Not Assessed (Monitor)	Annual	5-Year	2028	Page 50.
Target 22	Harvest operations are proportionally distributed across the FMA (2024-2028)	Not Assessed (On Track)	Annual	5-Year	2028	Page 52.
Target 23	Aboriginal community involvement in planning processes	On Target	Annual	Annual	Annual	Page 54.
Target 24	Spatial Identification and protection of culturally significant Heritage and Aboriginal sites	Not Assessed (On Track)	Annual	5-Year	2028	Page 55.
Target 25	Impacts of Climate Change on the Mistik FMP Area (**2 Parts**)	This target is a voluntary commitment not related to the FMP VOITs. It has no associated target and is included for monitoring purposes only				Page 56.
Target 26a	Contributions to Co-management Boards	Not Assessed (On Track)	Annual	5-Year	2028	Page 59.

Reporting Item	Description	Status (Parts)	Reporting Cycle	Assessment Cycle	Next Assessment Year	Location
Target 26b	% of total annual vendor / contractor payments made to local businesses	Not Assessed (On Track)	Annual	5-Year	2028	Page 60.
Target 26c	Percent of 'within-FMA area' communities represented in the workforce	Not Assessed (On Track)	Annual	5-Year	2028	Page 61.
Target 27	Stakeholder Engagement	On Target	Annual	Annual	Annual	Page 62.

Indicator #1	Age Class Distribution	Status	Not Assessed (N/A)
Target #1	Monitor the age class distribution of the Managed Forest Landbase compared to the projected distribution in 10-years based on the Forest Estate Modeling.	Reporting Cycle Assessment Cycle	Annual 10-year



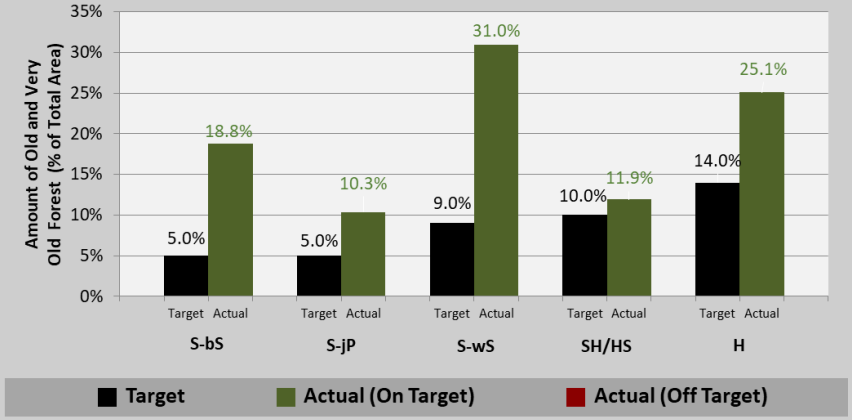
Age Class (Years)	Year of Measurement – Area (ha)										Current Status	10-Year FMP Projection
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
0	123,525	121,922	141,375	142,332	232,984	242,825				Assessment Year	**242,825**	92,286
10	56,494	54,479	52,001	49,388	46,826	43,845					**43,845**	128,999
20	110,983	62,385	65,160	66,767	64,747	65,629					**65,629**	53,638
30	52,538	58,769	60,125	64,074	61,608	61,677					**61,677**	96,404
40	41,449	50,341	49,266	49,273	29,687	28,530					**28,530**	50,408
50	41,758	41,257	39,691	39,716	32,945	33,171					**33,171**	40,843
60	110,828	43,492	42,543	42,381	37,007	36,708					**36,708**	42,490
70	97,544	109,160	106,606	105,794	97,777	96,734					**96,734**	99,841
80	110,189	96,932	92,043	91,094	83,716	82,647					**82,647**	86,447
90	61,530	108,646	104,305	103,342	90,079	88,452					**88,452**	87,744
100	33,914	60,237	57,673	57,124	49,808	48,755					**48,755**	46,734
110	18,644	33,537	32,032	31,651	24,020	23,226					**23,226**	25,224
120+	19,115	37,352	35,692	35,571	27,308	26,309					**26,309**	27,453

Variance	N/A – No associated target
Comments	• Maintenance of age class distribution of the Mistik FMP area is important for a number of ecological values that depend on the full suite of seral stages being present on the landscape.

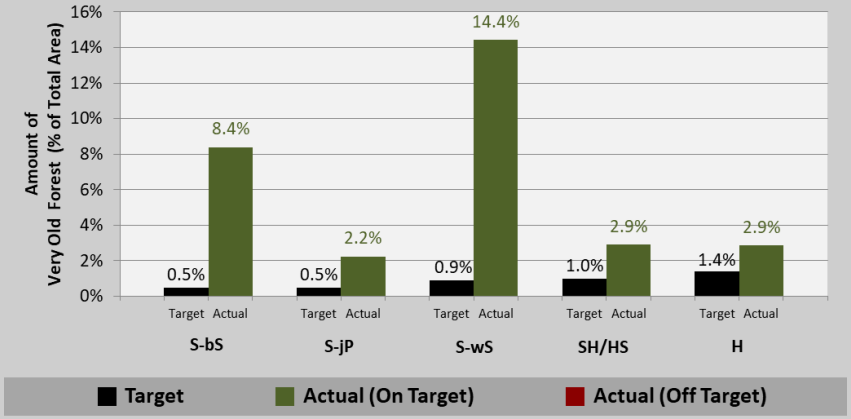
- Differences between age classes in 2019 and 2020 are largely caused by the aging of stands within the landbase rather than harvest, as stands are typically assigned an origin in the SFVI in an increment of 10 years (e.g., 1910, 1920, 1930, etc.), and these stands switch to the next age class also in years in increments of 10 (e.g., 2020).
- 2020 total ha for 120+ year age class was corrected due to an error.
- A significant amount of area burned in 2023, resulting in large increases to the 0-age age class that were not accounted for in the 10-Year FMP Projection. See indicator 11 for more information.

Indicator #2a	Percent of the forest landbase that is old and very old	Status	Not Assessed (On Track)
Target #2a	Forest land base (managed forest landbase + eligible excluded forest) that is 'old' and 'very old' for the following six forest cover types: S-bS, S-jP, S-wS, SH, HS, and H, are maintained above the minimum thresholds of the 2nd quartile of the natural range of variation for a 74-year fire cycle.	Reporting Cycle	Annual
		Assessment Cycle	10-Year

Old Forest & Very Old Forest



Very Old Forest



Age Class	Species Group	Year of Measurement										Current Status	Percent of Target	Target
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028			
Old Forest & Very Old Forest (%)	S-bS	15.3%	15.2%	22.4%	22.4%	19.3%	18.8%				Assessment Year	18.8%	375%	5.0%
	S-jP	7.8%	7.6%	13.6%	13.5%	10.5%	10.3%					10.3%	207%	5.0%
	S-wS	27.0%	26.6%	36.2%	35.9%	31.9%	31.0%					31.0%	344%	9.0%
	SH/HS	9.3%	9.0%	14.5%	14.4%	12.2%	11.9%					11.9%	119%	10.0%
	H	16.6%	15.8%	29.9%	29.6%	25.8%	25.1%					25.1%	179%	14.0%
Very Old Forest (%)	S-bS	6.3%	6.3%	10.0%	10.0%	8.7%	8.4%					8.4%	1678%	0.5%
	S-jP	1.7%	1.8%	3.3%	3.3%	2.3%	2.2%					2.2%	448%	0.5%
	S-wS	12.6%	12.4%	17.7%	17.6%	14.8%	14.4%					14.4%	1603%	0.9%
	SH/HS	2.0%	1.9%	3.7%	3.7%	2.9%	2.9%					2.9%	290%	1.0%
	H	1.9%	1.9%	3.8%	3.7%	3.1%	2.9%					2.9%	204%	1.4%

Variance	No acceptable variance
Comments	• "Old Forest" = older than 100 years (S-wS/jP/bS or SH), or 90 years (HS or H) / "Very Old Forest" = older than 120 years (all stands).

	• Differences between age classes in 2020 and 2021 are largely caused by the aging of stands within the landbase rather than harvest, as stands are typically assigned an origin in the SFVI in an increment of 10 years (e.g., 1910, 1920, 1930, etc.), and these stands switch to the next age class also in years in increments of 10 (e.g., 2021) in this indicator. • The 2024/25 drop in old forest levels compared to previous years in many species is due to a large amount of wildfire in the 2023 (see indicator 11)

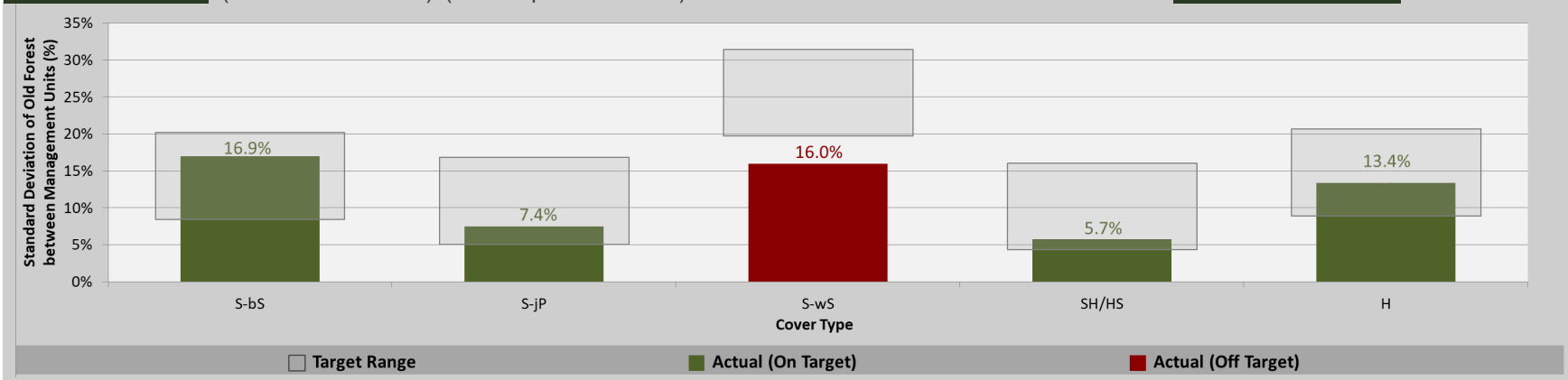
Indicator #2b

Standard deviation of old forest area by management unit

Target #2b

The current standard deviation of old forest area among the 13 management units for each of the five forest cover types: S-bS, S-jP, S-wS, SH/HS, and H, associated with any level of old forest amount shall not deviate by more than 5% of the modeled linear relationship of the natural range of variation of standard deviations among management units for a specified old forest amount (and never below 2%). (No acceptable variance).

Status	**Not Assessed (Monitor)**
Reporting Cycle	**Annual**
Assessment Cycle	**10-Year**



Species Group	Year of Measurement										Current Status	Within Acceptable Range?	Target Range (%)
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028			
S-bS (%)	9.6%	9.4%	15.3%	15.3%	16.9%	16.9%				Assessment Year	16.9%	Yes	10.9 - 20.9
S-jP (%)	4.5%	4.3%	7.0%	6.9%	7.5%	7.4%					7.4%	Yes	4.5 - 14.5
S-wS (%)	14.5%	14.6%	14.4%	14.8%	16.1%	16.0%					16.0%	No	21.3 - 31.3
SH/HS (%)	5.2%	5.2%	5.4%	5.3%	5.8%	5.7%					5.7%	Yes	4.5 - 14.5
H (%)	8.9%	8.5%	14.9%	14.9%	13.7%	13.4%					13.4%	Yes	8.1 - 18.1

Variance

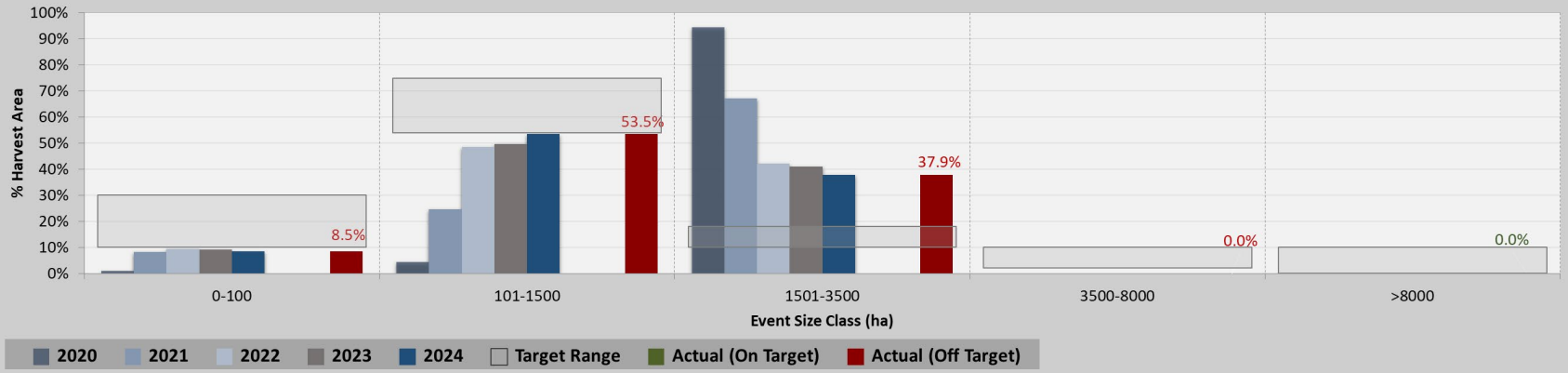
+/- 5% from the modelled standard deviation amount of old forest (See 'Target Range')

Comments

- "Old Forest" = older than 100 years (S-wS/jP/bS or SH), or 90 years (HS or H)
- This indicator reflects the distribution of old forest between management units. A standard deviation below target indicates that there are relatively equal amounts of old forest across management units, whereas a standard deviation above target indicates that old forest is clustered strongly in a few management units more than others. Targets for each species reflect an intermediate level of variation, based on the natural range of variation calculated for the Mistik FMA by Andison (2006)[1]. Note that targets change each year, based on the amount of old forest on the landbase, as the amount of old forest present in a given year will impact the desired range of variation in old forest between management units, and targets are scaled accordingly in each year.
- The observed standard deviation for S-wS (white spruce) is less than the target range, indicating that the old forest for this species is more evenly distributed than targeted. However, this likely reflects the fact that there is also a much greater amount of old S-wS forest on the landscape than targeted (see target 2a), which may reduce the observed standard deviation if this excess of old forest is relatively equally distributed between management units.

[1]*Andison, D. W. 2006. Natural Levels of Forest Seral-Stage Variability on the Mistik Management FMA Area in Saskatchewan. Bandaloop Landscape-Ecosystems, Belcarra, British Columbia, Canada. 84 pp.*

Indicator #3	Size class distribution of harvest events	Status	Not Assessed (Monitor)
Target #3	The targets for harvest distribution by event size class (based on a 10-year event measurement period) shall be within the acceptable range for each size class.	Reporting Cycle	5-Year
		Assessment Cycle	10-Year



Event Size Class (ha)	Year of Measurement										Cumulative Total	Within Acceptable Range?	Target Range
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028			
0-100 ha	N/A	1.0%	25.8%	11.5%	0%	0%				Assessment Year	**8.5%**	**No**	**10 – 30%**
101-1500 ha	N/A	4.4%	74.2%	88.5%	100%	100%					**53.5%**	**No**	**54 – 74%**
1501-3500 ha	N/A	94.6%	0%	0%	0%	0%					**37.9%**	**No**	**10 – 18%**
3500-8000 ha	N/A	0%	0%	0%	0%	0%					**0.0%**	**No**	**2 – 10%**
>8000 ha	N/A	0%	0%	0%	0%	0%					**0.0%**	**Yes**	**0 – 10%**

Variance

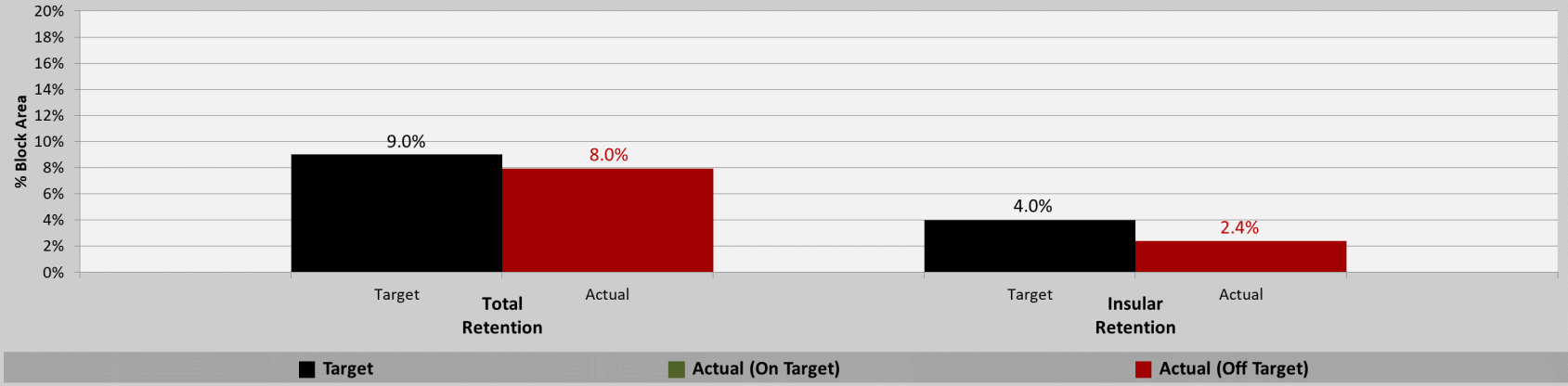
No acceptable variance outside of given range

Comments

- To determine harvest events, only blocks within a 10-year period (starting in 2019) are included*. Within the specified 10 years, blocks were buffered by 250m and blocks whose buffers overlapped were grouped together into an event. The outer boundaries of the combined buffers were buffered back inward by 250m and the resulting boundary is considered the event boundary. More information on this process and information on harvest events can be found in Appendix A, sections A6 and A7. Target is based on completed events only and only harvest events completed in 2019 and after are considered.
- While the total number of completed events represent a variety of size classes (therefore meeting the intent of this indicator, which is to achieve a variety of disturbance event sizes), due to the limited number of events completed at this time, it was not possible to achieve a precise distribution of harvest event sizes. Each year, with the addition of completed events, the cumulative totals move closer to being within the acceptable range.
- Two harvest events were completed in 2024 (TA054 and TA298); TA298 is a single-block event due to the remainder of the tactical plan blocks in this event being burned before Mistik was able to harvest them.

**Harvest under the current tactical plan from 2017 and 2018 has been included in event TA058 in 2020, however this is an exception and normally only blocks harvested in the 2019/20 operating year or later are considered.*

Indicator #4	Tree retention after harvest *(based on 2019-2023 targets)*	Status	Not Assessed (Monitor)
Target #4	For harvest events with >20 ha of harvest area, total retention will be an average of 9% made up of at least 4% in insular retention, including clumps (<2 ha), islands (>2 ha), and individual trees (in groups of 4 trees or less). The remainder will be made up of proximal retention (connected to the block boundary).	Reporting Cycle	Annual
		Assessment Cycle	5-Year



Category	Year of Measurement										Cumulative Average	Current Status	Percent of Target	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028				
Total Retention (%)	N/A	4.9%	6.3%	12.6%	3.4%	n/a	n/a	n/a	n/a	Assessment Year	8.0%	3.4%	88%	9%
Insular Retention (%)	N/A	1.5%	2.6%	3.3%	3.3%	n/a	n/a	n/a	n/a		2.4%	3.3%	59%	4%

Variance

No acceptable variance

Comments

- This target is based on completed events only. Only harvest events starting in 2019 and after are considered.
- Individual harvest event data can be found in Appendix A, sections A6.
- Note that the small clumps and single trees are not included in these measurements.
- A correction has been made to the Total Retention (%) for 2022: the accurate value is 12.6%. In previous reports, the proximal retention was incorrectly reported as the total retention. The cumulative average and percent of target were correct and have not been updated.
- One harvest event was completed in 2023 (TA007); however this event was unique in that a single block had been harvested in this area before the entire event area was burned. It was determined in this year that no future harvest would occur in this event as a result. As a result, this event is not necessarily representative of Mistik's retention strategy as it was not allowed to be completed in its entirety prior to being burned.
- **In 2023, the Forest Management Planning Standard was revised. Beginning with the 2024/25 operating year, Mistik will measure retention according to the criteria outlined in the 2023 standard. Please see new indicator page below for reporting under these new targets.**

Indicator #4	Tree retention after harvest *(based on 2019-2023 targets)*	Status	Not Assessed (Monitor)
Target #4	For harvest events with >20 ha of harvest area, total retention will be an average of 9% made up of at least 4% in insular retention, including clumps (<2 ha), islands (>2 ha), and individual trees (in groups of 4 trees or less). The remainder will be made up of proximal retention (connected to the block boundary).	Reporting Cycle	Annual
		Assessment Cycle	5-Year

5-Year Assessment

5-Year Assessment – 2019-2023



Figure 1 - Block 02-016-54 harvested in 2024/25 showing in-block retention.

Mistik recognizes that, while these numbers have improved considerably from previous years, the insular retention % is still slightly lower than the target. We will continue to work with contractors and supervisors to ensure adequate retention is being left in harvest blocks and events. Mistik has provided additional training to contractors through spring start-up training and harvest supervision. We have also started including pre-planned retention patches in pre-harvest site prescriptions in larger blocks to ensure that overall retention area targets are achieved. Harvest areas for the past two years are mainly in events that are not completed yet, so the results of these changes are not reflected in this indicator at this time. Please see photo below which is representative of retention in more recent harvest areas.

Figure 1 below provides an example of retention which is representative of recent harvest areas. Also shown are satellite imagery from example blocks in 2020 (Figure 2), representative of older practices with less retention, and 2023-24 (Figure 3) with more recent retention practices, including more retention and corridors between blocks. Figure 4 shows an example of an operations map with pre-planned retention.

Indicator #4	Tree retention after harvest *(based on 2019-2023 targets)*	Status	Not Assessed (Monitor)
Target #4	For harvest events with >20 ha of harvest area, total retention will be an average of 9% made up of at least 4% in insular retention, including clumps (<2 ha), islands (>2 ha), and individual trees (in groups of 4 trees or less). The remainder will be made up of proximal retention (connected to the block boundary).	Reporting Cycle	Annual
		Assessment Cycle	5-Year

5-Year Assessment



Figure 2 - 2020 harvest area (example of low retention)



Figure 3 - 2023 & 2024 Harvest areas showing increased retention amount and types. Note corridors between blocks.

Indicator #4	Tree retention after harvest *(based on 2019-2023 targets)*	Status	Not Assessed (Monitor)
Target #4	For harvest events with >20 ha of harvest area, total retention will be an average of 9% made up of at least 4% in insular retention, including clumps (<2 ha), islands (>2 ha), and individual trees (in groups of 4 trees or less). The remainder will be made up of proximal retention (connected to the block boundary).	Reporting Cycle	Annual
		Assessment Cycle	5-Year

5-Year Assessment

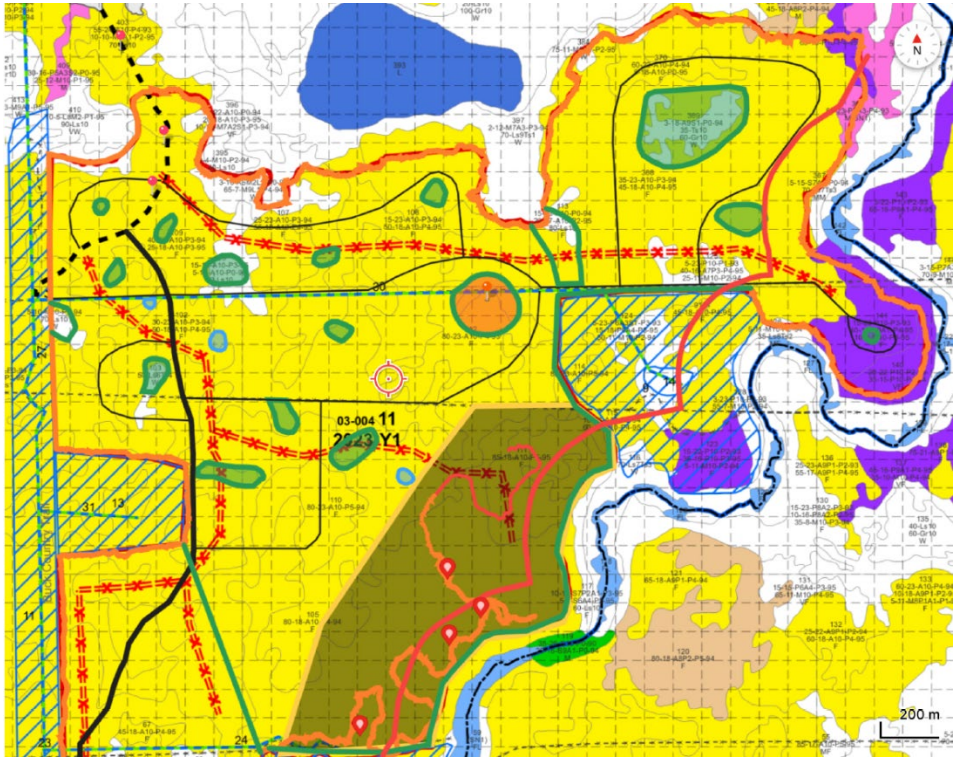
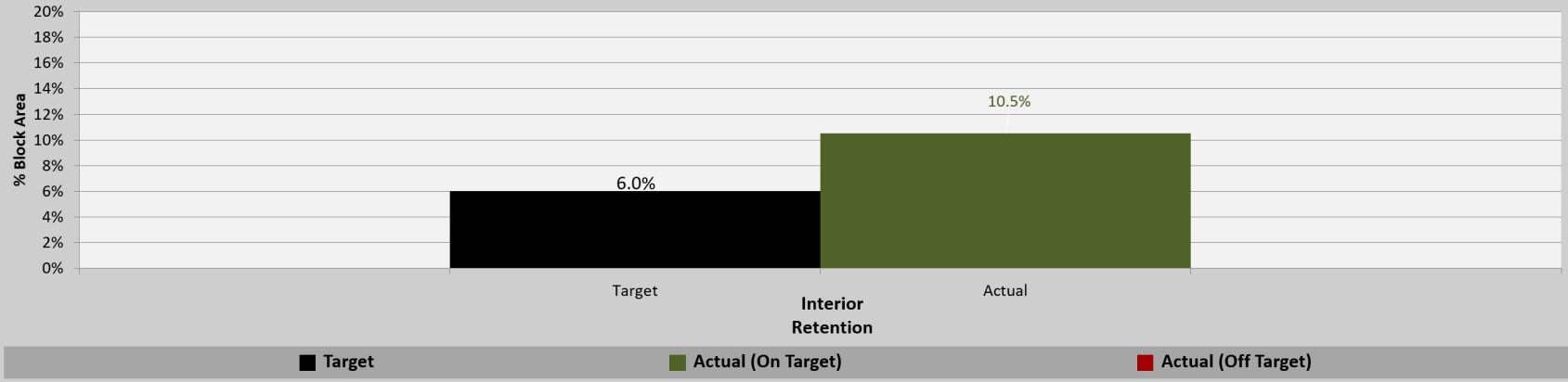


Figure 4 - Operations map showing pre-planned retention patches (green polygons). This helps ensure there are larger patches and total retention is sufficient to meet the target. Operators leave retention in addition to what is shown here.

Indicator #4	***Revised* - Tree retention after harvest *(based on revised FMP Standard-2023)***	Status	Not Assessed (On Track)
Target #4	The interior retention area of live representative tree residuals for each harvest event shall be a minimum of 3% of the sum of total harvested area and interior retention area, aiming to fall within the range of 3% to 9%. The average percentage of interior retention across all closed events shall be greater than or equal to 6% for each 5-year period of the plan, with retention area calculated over the harvest event duration.	Reporting Cycle	Annual
		Assessment Cycle	5-Year



Category	Year of Measurement										Cumulative Average	Current Status	Percent of Target	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028				
Total Retention (%)	N/A	N/A	N/A	N/A	N/A	10.5%				Assessment Year	**10.5%**	**10.5%**	**174%**	**6%**

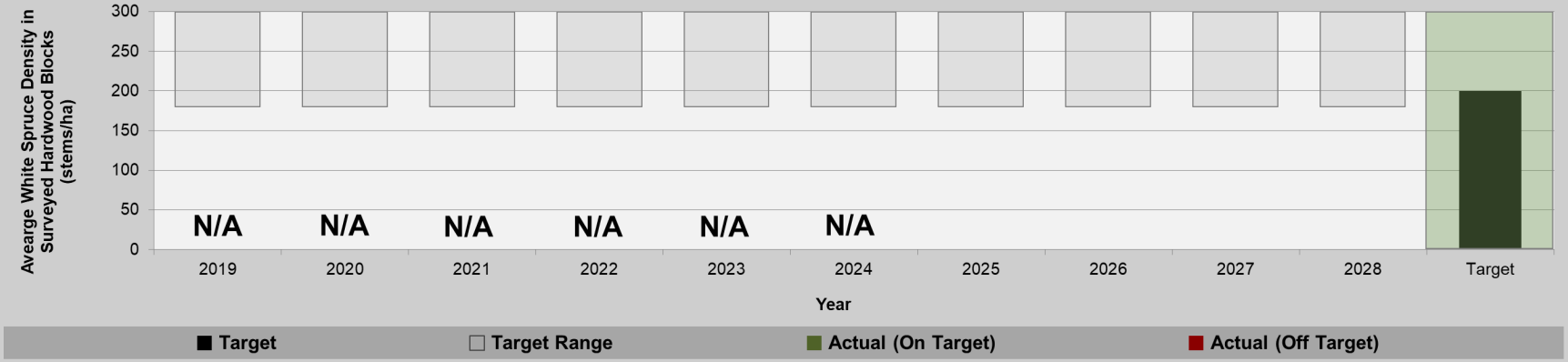
Variance

No acceptable variance

Comments

- **In 2023, the Forest Management Planning Standard was revised. Beginning with the 2024/25 operating year, Mistik will measure retention according to the criteria outlined in the 2023 standard.**

Indicator #5	The softwood component in hardwood stands is maintained	Status	Not Assessed (On Track)
Target #5	Hardwood stands with a white spruce component at the time of harvest will have an average of a minimum of 200 stems/ha of white spruce when measured in an Establishment survey (early FTG) or FTG survey.	Reporting Cycle	Annual
		Assessment Cycle	5-Year



Category	Year of Measurement										Current Status	Within Acceptable Range?	Target Range
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028			
Area (ha) harvested in Hardwood Stands with WS component	635	722	614	775	775	611				Assessment Year	**611**	**N/A**	**N/A**
Average WS Density in Target Hardwood Stands (stems/ha)	N/A	N/A	N/A	N/A	N/A	N/A					**N/A**	**N/A**	**≥180**

Variance

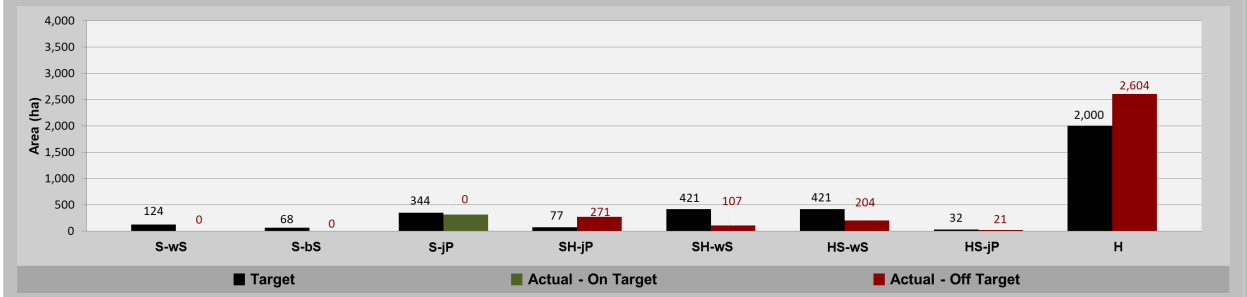
Acceptable variance is -10%, with no upper bound (target range: greater than or equal to 180 stems/ha)

Comments

- The harvest areas that this target applies to will be those portions of blocks that had a pre-harvest species group of H (80% or greater hardwood) and a white spruce component (at least 10% cover of WS in the overstorey or at least 20% cover of WS in the understory layer of the SFVI).
- Establishment survey results for blocks harvested after April 1, 2019 have not resulted in any Early FTG blocks to date (2024/25 operating year).
- Softwood component in H stands is maintained using various methods. In blocks that are predominantly mixedwood, smaller HW stands may be planted if adjacent stands are either mixedwood or SW leading. In HW leading blocks (where no planting is done), either patch/single tree retention of the spruce is implemented during harvesting or in-block roads may be planted to add a SW component back into the block.
- The definition of "hardwood stands with a white spruce component" has been updated to include only stands with a final development type of H ('dt_spgp' = 'H') to better align with Mistik's FMP landbase (previously, any stand with an H-dominant understory was included, even if the stand had a final development type different than this, for instance stands where the understory was used to assign the final development type). The area of this indicator has been updated for 2019 using this new definition and therefore the numbers presented for 2019 may not align with previous annual reports.

Indicator #6	**Relative abundance of SGR Forest Types are forecasted to be maintained at next rotation**
Target #6	The area by stand type of regenerating stands, as measured at the Free to Grow survey, will be consistent with the transition assumptions used in the Forest Estate Modeling.

Status	**Not Assessed (Monitor)**
Reporting Cycle	**Annual**
Assessment Cycle	**5-Year**



SGR Forest Types	Cumulative (2019-2024)		
	Status	% Target	Target
S-wS (ha)	773.7	52.3%	1,479.9
S-bS (ha)	0.0	0.0%	412.2
S-jP (ha)	5,453.4	104.9%	5,199.8
SH-jP (ha)	1,575.3	182.7%	862.0
SH-wS (ha)	8,824.1	210.4%	4,193.3
HS-wS (ha)	2,459.7	59.2%	4,153.2
HS-jP (ha)	337.6	108.0%	312.5
H (ha)	6,010.9	69.0%	8,707.6

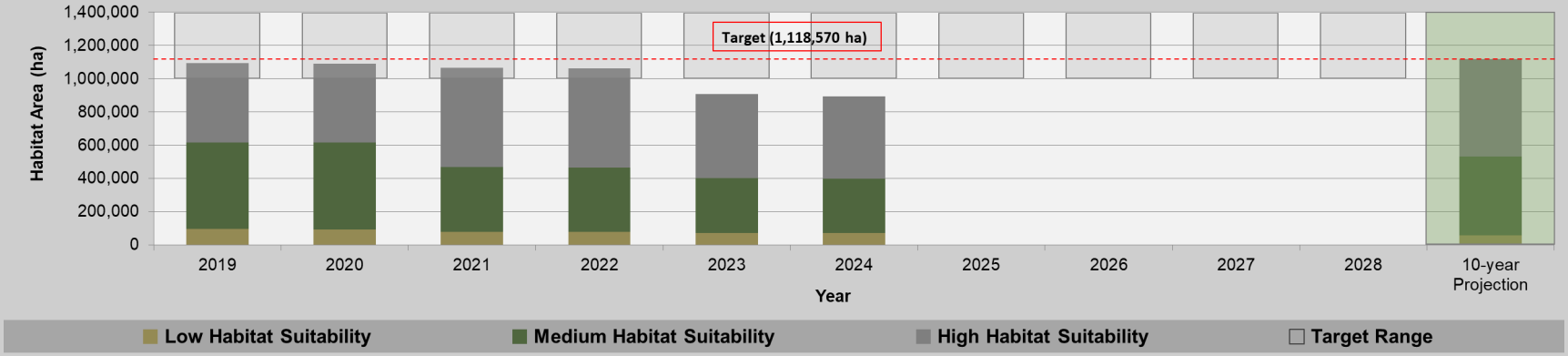
SGR Forest Types (Predicted Area)	Year of Measurement - Area (ha)										Current Status (ha)	Percent of Target	Target (ha)
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028			
S-wS	527.9	39.2	164.2	42.4	0.0	0.0				Assessment Tear	0.0	0.0%	123.8
S-bS	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0%	67.5
S-jP	995.3	1,924.8	1,195.0	830.2	191.3	316.8					316.8	92.0%	344.4
SH-jP	276.0	668.1	286.6	31.9	41.9	270.8					270.8	353.8%	76.6
SH-wS	3,283.7	1,494.1	2,411.6	904.0	623.6	107.1					107.1	25.4%	420.9
HS-wS	215.9	818.6	268.3	472.4	480.5	204.1					204.1	48.5%	421.2
HS-jP	81.0	102.6	50.9	82.4	0.0	20.6					20.6	64.8%	31.8
H	1,114.2	267.9	546.1	435.9	1,042.9	2,603.9					2,603.9	130.2%	1999.5

Variance	+/- 10% of target area for each species group.
Comments	• The Free-to-Grow surveys completed in 2024 were performed aerially as per Government of Saskatchewan standards. The SGR Forest Types assigned to these surveys represent the predicted status at an expected rotation age, based on successional trajectories modelled by Gelhorn, L. (2009)[1]. Note that these results represent only a single year of survey data, and that these successional trajectories were modelled using a limited dataset and may not accurately represent future stand status. In the long-term, the potential for developing a more accurate model of stand successional trajectories, using a wider representation of available survey data, will be explored.

[1]*Gelhorn, L. 2009. Development of a Regenerating Mixedwood Succession Matrix. Timberline Natural Resource Group Ltd., Prince Albert, Saskatchewan, Canada.*

5-Year Assessment	**5-Year Assessment 2019-2023** Cumulative values from 2019-2024 are shown in top table. Mistik is continuing to refine renewal treatments to better match pre-harvest SGR types. Additionally, pre-harvest SGR types which are derived from the current forest inventory may be inaccurate due to the age of the inventory. Mistik is hoping to have a new inventory available near the end of the 2026/27 operating year

Indicator #7a	Current habitat availability for Fisher vs. predicted future (modeled) supply	Status	Not Assessed (Monitor)
		Reporting Cycle	Annual
Target #7a	Total Fisher habitat will meet or exceed the 10-year projection.	Assessment Cycle	5-Year



Habitat Category	Year of Measurement - Area (ha)										Current Status (ha)	Percent of Target	10-year Projection (ha)
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028			
High Suitability	477,118	476,936	596,493	595,391	506,646	498,422				Assessment Year	**498,422**	**N/A**	**587,558**
Medium Suitability	597,354	80,294	386,998	386,327	328,451	324,170					**324,170**	**N/A**	**473,447**
Low Suitability	94,742	94,687	80,287	80,264	73,480	72,669					**72,669**	**N/A**	**57,565**
Total	1,093,695	1,092,311	1,064,646	1,061,981	908,577	895,261					**895,261**	**80.0%**	**1,118,570**

Variance

10% acceptable variance.

Comments

- Habitat is categorized based on scores given for the presence of disturbance, stand type and age, canopy closure, and shrub cover. These scores are added up for each stand, with the total score determining the habitat type. This process is based on work by Dr. Gilbert Proulx of Alpha Wildlife aimed and developing predictive criteria for use in the analysis of current and future habitat supply for fisher (as described in Mistik's 2019 20-Year Forest Management Plan, Volume III, page 66). A summary of scoring criteria is provided in the supplemental data package.
- There were a few large wildfires on the Mistik FMA in 2024, with a total area of 18,564 ha. There are 12,907 ha affecting Fisher Habitat.

5-Year Assessment	**5-Year Assessment 2019-2023** A significant amount of area burned in 2023, resulting in a decrease to fisher habitat that was not accounted for in the 10-Year FMP Projection. See indicator 11 for more information.

Indicator #7b	Part 1: Habitat availability for Caribou – CM-1, CM-2, & CM-4 [2019-2022]	Status	N/A
Target #7b	No new timber harvesting or related activities will be planned for Mistik Caribou Habitat Management (CM) areas CM-1, CM-2, or CM-4 in the next 10 years. Mistik-caused disturbance in each CM area will be less-than or equal to the current disturbance percentage.	Reporting Cycle	Annual
		Assessment Cycle	Annual

Part 1 – CM-1 / CM-2 / CM-4



New Harvest, by Caribou Habitat Management Area	Year of Measurement										Current Status	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
CM-1 (ha)	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	**N/A**	**0**
CM-2 (ha)	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	**N/A**	**0**
CM-4 (ha)	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	**N/A**	**0**
CM-1 (% Disturbance)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**N/A**	**N/A**
CM-2 (% Disturbance)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**N/A**	**N/A**
CM-4 (% Disturbance)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**N/A**	**N/A**

Variance	2% acceptable variance.
Comments	• Note that Mistik CM areas are not directly correlated to provincial caribou tier areas. CM-1, CM-2, and CM-4 are caribou management areas that were identified as areas with high-quality or important caribou habitat, or that which is important for habitat connectivity. Mistik has committed to staying out of these areas. • **The FMP was amended effective April 1, 2023 to gain alignment with the *Range Plan for Woodland Caribou in Saskatchewan (SK2 West Caribou Administration Unit.* Annual Reports starting in 2024/25 reflect the new indicators for this target. Please refer to revised indicator 7b page below.**

Indicator #7b	Part 2: Habitat availability for Caribou – CM-1a, CM-2a [2019-2022]	Status	N/A
Target #7b	All harvest-related activities in CM-1a and CM-2a areas will follow "least-impact" forestry practices identified in the Woodland Caribou Habitat Mitigation Plan.	Reporting Cycle	Annual
		Assessment Cycle	Annual

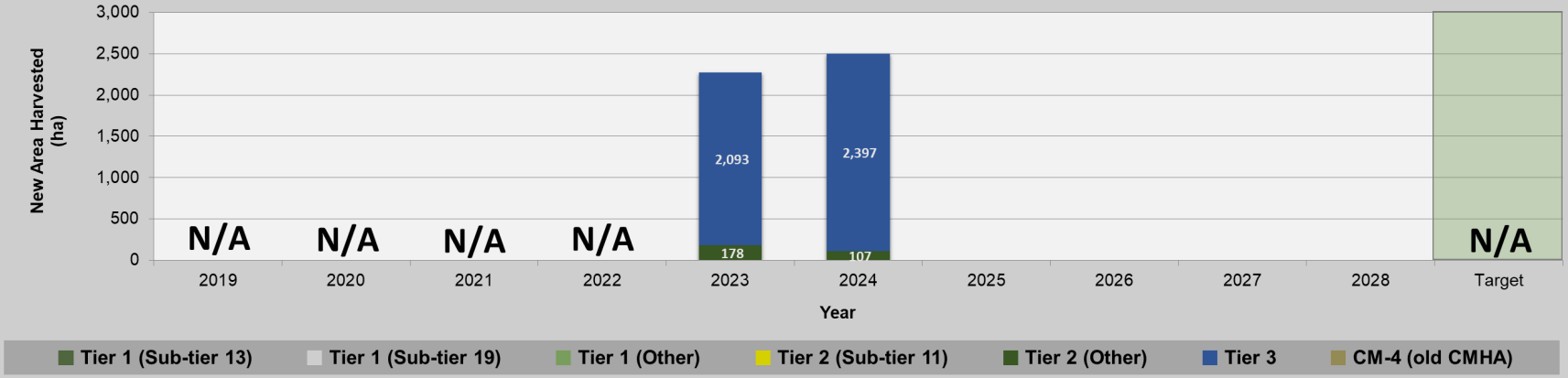
Part 2 – CM-1a / CM-2a



New Harvest, by Caribou Habitat Management Area	Year of Measurement										Current Status	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
CM-1a Area Harvested (ha)	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CM-2a Area Harvested (ha)	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CM-1a Blocks (blk. numbers)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CM-2a Blocks (blk. numbers)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CM-1a (% Blocks, by Area, Meeting "Least-Impact" Practices)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%
CM-2a (% Blocks, by Area, Meeting "Least-Impact" Practices)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%

Variance	2% acceptable variance.
Comments	• "Least-impact" forestry practices includes block designs that follow NFP principles, winter harvest, temporary/minimal access construction, road reclamation within 1 year of harvest/haul completion, renewal activities within 1 year of harvest, no activity between March 1 – June 1. • **The FMP was amended effective April 1, 2023 to gain alignment with the *Range Plan for Woodland Caribou in Saskatchewan (SK2 West Caribou Administration Unit.*** **Annual Reports starting in 2024/25 reflect the new indicators for this target. Please refer to revised indicator 7b page below.**

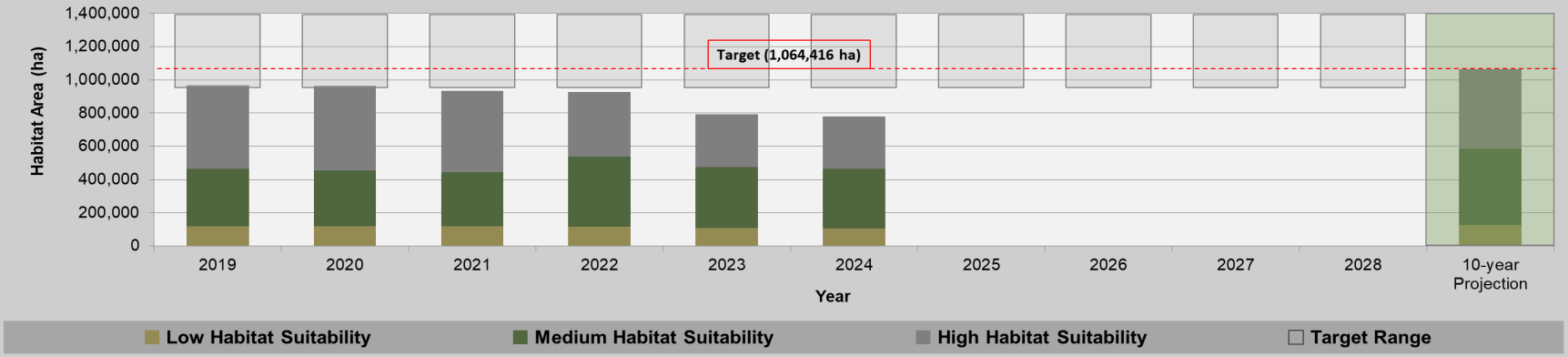
Indicator #7b	*Revised* - Habitat availability for Caribou – Tiers 1, 2, and 3 (2023-2028)	Status	On Target
		Reporting Cycle	Annual
Target #7b	Follow harvest deferral timelines (tier and sub-tier) as agreed to and approved in the 2023 FMP Amendment.	Assessment Cycle	Annual



Area Harvested (ha), by Tier	Year of Measurement - Area (ha)										Current Status	Deferral		Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028				
Tier 1 (Sub-tier 13)	N/A	N/A	N/A	N/A	0	0					0	2023-2073	50 yrs	0
Tier 1 (Sub-tier 19)	N/A	N/A	N/A	N/A	0	0					0	2023-2073	50 yrs	0
Tier 1 (Other)	N/A	N/A	N/A	N/A	0	0					0	2023-2043	20 yrs	0
Tier 2 (Sub-tier 11)	N/A	N/A	N/A	N/A	0	0					0	2023-2073	50 yrs	0
Tier 2 (Other)	N/A	N/A	N/A	N/A	178	107					107	2043-2073	Future	N/A
Tier 3	N/A	N/A	N/A	N/A	2,093	2,397					2.397	None	None	N/A
CM-4 (old CMHA)	N/A	N/A	N/A	N/A	0	0					0	2023-2073	50 yrs	0

Variance	Small variances may be required in these areas for addressing forest health, fire salvage, safety, or other non-timber values.
Comments	• Tier 1 and Tier 2 contain current and future high quality caribou habitat, preventing disturbance in them is in alignment with the Range Plan for Woodland Caribou in Saskatchewan (SK2 West Caribou Administration Unit). CM-4 is known to have extensive caribou use and is vital for connectivity between the Tier 1 and Tier 2 areas that exist on the Mistik FMP Area. • Tier 1, Sub-tiers 13 and 19 have a deferral to 2073, while the remainder of Tier 1 is deferred to 2032. Tier 2, Sub tier 11 is deferred to 2073, while Tier 2 is deferred starting in 2043-2073. • **The FMP was amended effective April 1, 2023 to gain alignment with the *Range Plan for Woodland Caribou in Saskatchewan (SK2 West Caribou Administration Unit.*** **Annual Reports starting in 2023/24 reflect the new indicators for this target.**

Indicator #7c	Current habitat availability for Moose vs. predicted future (modeled) supply	Status	Not Assessed (Monitor)
		Reporting Cycle	Annual
Target #7c	Total moose habitat will meet or exceed the 10-year projection.	Assessment Cycle	5-Year



Habitat Category	Year of Measurement - Area (ha)										Current Status (ha)	% of Target	10-year Projection (ha)
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028			
High Suitability	500,419	509,682	488,630	390,136	319,658	314,677				Assessment Year	**314,677**	**N/A**	**479,740**
Medium Suitability	345,658	333,954	326,921	422,318	366,846	357,828					**357,828**	**N/A**	**457,707**
Low Suitability	119,659	118,969	117,168	115,964	107,920	105,933					**105,933**	**N/A**	**126,969**
Total	965,736	962,605	932,720	928,418	794,424	778,438					**778,438**	**73.1%**	**1,064,416**

Variance

10% acceptable variance.

Comments

- Habitat is categorized based on scores given for the presence of disturbance, stand type, % conifer, canopy closure, and adjacency to young stands and/or riparian vegetation. These scores are added up for each stand, with the total score determining the habitat type. This process is based on work by Dr. Gilbert Proulx of Alpha Wildlife aimed and developing predictive criteria for use in the analysis of current and future habitat supply for moose (as described in Mistik's 2019 20-Year Forest Management Plan, Volume III, page 58). A summary of scoring criteria is provided in the supplemental data package.
- There were a few large wildfires on the Mistik FMA in 2024, with a total area of 18,564 ha. There are 12,864 ha affecting Moose Habitat.
- This indicator will be reviewed and monitored annually, however despite the FMP identifying it as being assessed annually, as per the 2017 FMP Standard, it will be formally assessed in 5-year increments.

5-Year Assessment 2019-2023

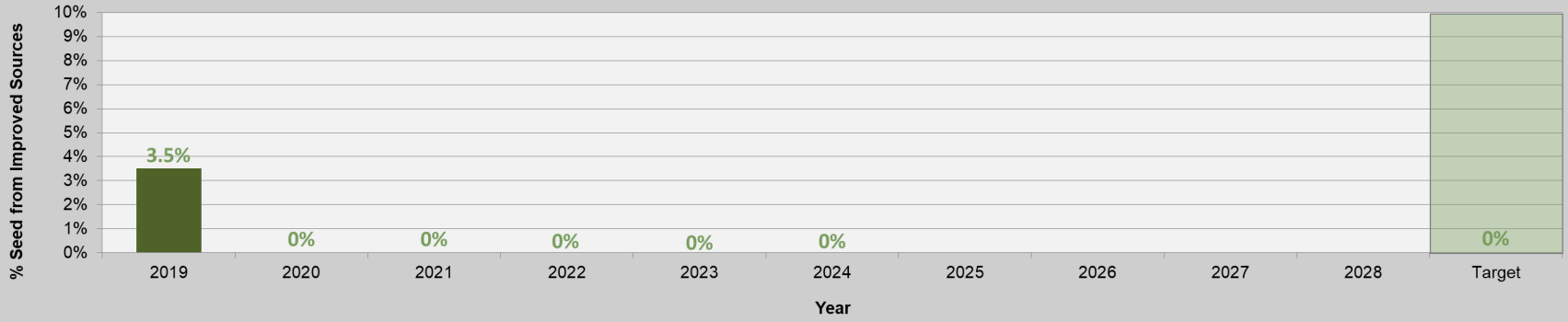
This indicator is off target in 2023. In this analysis, the best habitat for moose is defined as old, multi-story conifer stands that are adjacent to both early seral stage forest and aquatic vegetation/streams. Mitigation therefore involves leaving more retention in harvest events to create a "mosaic" of old and young forest next to riparian areas. This minimizes losses of moose habitat due to harvest, and can also create new, or higher-quality moose habitat by providing an early seral stage component to some areas. Note that it will take at least 5 years following harvest with increased retention practices for this area to be considered high-quality habitat, as harvested area is only considered "early seral stage forest" after 5 years, so increased retention practices in 2023 onwards will not be seen as a benefit until 2027 or later. Additionally, a significant amount of area burned in 2023, resulting in a decrease in moose habitat that was not accounted for in the 10-Year FMP Projection. See indicator 11 for more information.

In 2024, Mistik identified a specific area in the Divide forest that is high-quality moose habitat and avoided this area for harvest as part of the 2025/26 operating plan. Where possible, Mistik will continue to identify similar small potential areas annually to help improve overall suitable habitat.



Figure 5 – Example from the Mistik FMA showing complex of regenerating forest (background), old forest, and wetland.

Indicator #8	Seedlings are from wild or improved seed sources	Status	Not Assessed (On Track)
Target #8	No tree seedlings planted on the Mistik FMP area shall be from GMO sources, and the amount of seedlings from improved sources will be tracked separately (Target revised at October 2022 PAG meeting)	Reporting Cycle	Annual
		Assessment Cycle	5-Year



Category	Year of Measurement - (number of seedlings)										Current Status	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Trees Planted (Improved Seed)	30,240	0	0	0	0	0					**0**	**N/A**
Total Trees Planted	837,943	1,105,001	1,199,245	1,075,810	1,098,266	1,212,522				Assessment Year	**1,212,522**	**N/A**
% Seed from Improved Sources	3.6%	0%	0%	0%	0%	0%					**0%**	**0%**

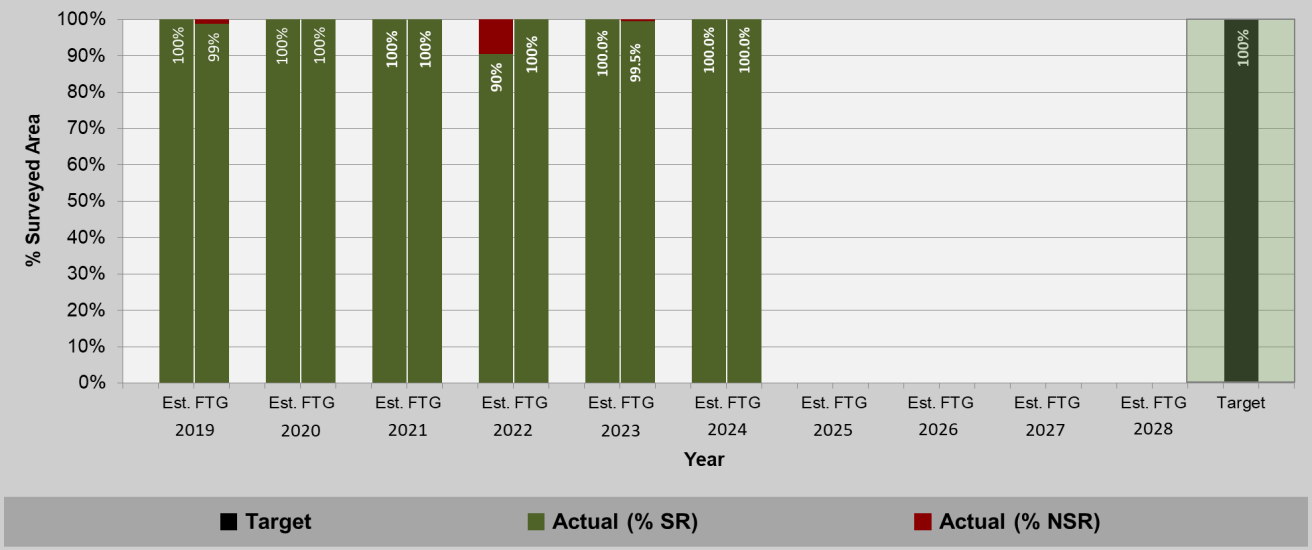
Variance

5% acceptable variance

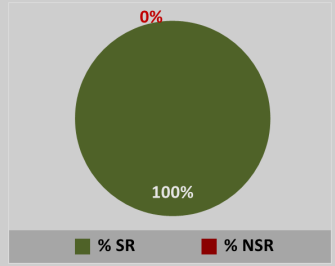
Comments

- Mistik received approval in 2019 to utilize seedlings grown from Alberta seed lot sources. Seed lots were located parallel to the Mistik FMA and are expected to be suitable for growing conditions in Mistik's FMA.
- No trees from improved seed were planted in 2020 - 2023.
- After reviewing previously reported planted tree numbers with the ministry, small corrections have been made.
- Discussion was held with the Public Advisory Group in order to refine this target, as the use of improved stock via selective tree breeding and improvement programs is considered positive; concerns around this indicator refer more to "artificially" improved stock such as GMOs. The new target (starting in 2024/25) is: *No tree seedlings planted on the Mistik FMP area shall be from GMO sources, and the amount of seedlings from improved sources will be tracked separately (Target revised at October 2022 PAG meeting).*
- After reviewing previously reported planted tree numbers with the ministry, small corrections have been made (2023).
- No seedlings planted in 2024/25 were from GMO sources.

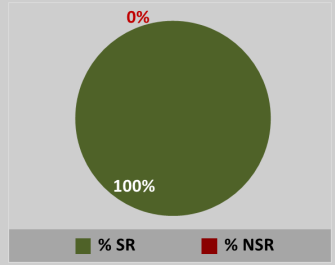
Indicator #9	Post-harvest areas are successfully regenerated	Status	Not Assessed (On Track)
Target #9	100% of surveyed post-harvest area shall meet provincial stocking requirements according to the provincial Regeneration Assessment Standard (Establishment and Free to Grow surveys).	Reporting Cycle	Annual
		Assessment Cycle	5-Year



Current – Est. Surveys



Current – FTG Surveys



Survey Type	Year of Measurement										Current Status	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Establishment Surveys (% ha SR)	100.0%	100.0%	100.0%	90.4%	100.0%	100.0%				Assessment Year	100.0%	100%
Free-To-Grow Surveys (% ha SR)	98.7%	100.0%	100.0%	100.0%	99. 5%	100.0%					100.0%	100%

Variance	No acceptable variance.
Comments	• Surveys reported are those that are completed in each respective year, regardless of year of harvest. • In 2022, establishment surveys on five blocks (85006059, 85006062, 85006063, 85006068, and 85006069) were determined as Not sufficiently regenerating (NSR). These are blocks associated with the 21BR-HELENE wildfire in 2021. The fire area was revisited in the fall of 2023 and additional regeneration that grew during the summer of 2023 was noted. Planting of some areas in the HELENE fire was completed in 2024.

Indicator #9	Post-harvest areas are successfully regenerated	Status	Not Assessed (On Track)
Target #9	100% of surveyed post-harvest area shall meet provincial stocking requirements according to the provincial Regeneration Assessment Standard (Establishment and Free to Grow surveys).	Reporting Cycle	Annual
		Assessment Cycle	5-Year

5-Year Assessment

5-Year Assessment 2019-2023

The 2019 NSR at free-to-grow is due to the 15BN-BRAY and 15BR-POND19 fires (Blocks 4014013, 11012045, 11012061, 11012064, 11013012, and 11013017).
The 2022 NSR at establishment is due to the 21BR-HELENE fire (Blocks 85006059, 85006062, 85006063, 85006068, and 85006069). See notes above re. post-fire renewal treatments.
The 2023 NSR at free-to-grow is due to the 22DN-MOOSE and the 23LX-SHAW fires (Blocks 01018013, 10019800, and 10019801).

Blocks are being monitored for regeneration.

Examples are provided below in Figure 6 for a block in the Helene fire that was planted in 2024, and in Figure 7 for an example of this treatment in an older fire.



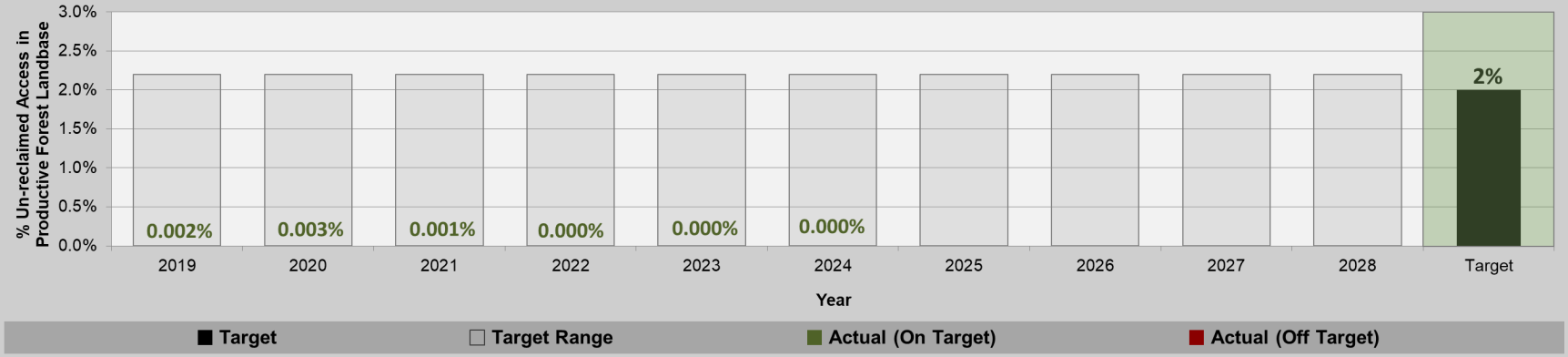
Figure 6 - Helene fire block. Roads and open landings were planted in 2024

Indicator #9	Post-harvest areas are successfully regenerated	Status	Not Assessed (On Track)
Target #9	100% of surveyed post-harvest area shall meet provincial stocking requirements according to the provincial Regeneration Assessment Standard (Establishment and Free to Grow surveys).	Reporting Cycle	Annual
		Assessment Cycle	5-Year



Figure 7 - FTG survey in the 2015 Bray Fire in the Dinner North operating area (survey was done in 2019).

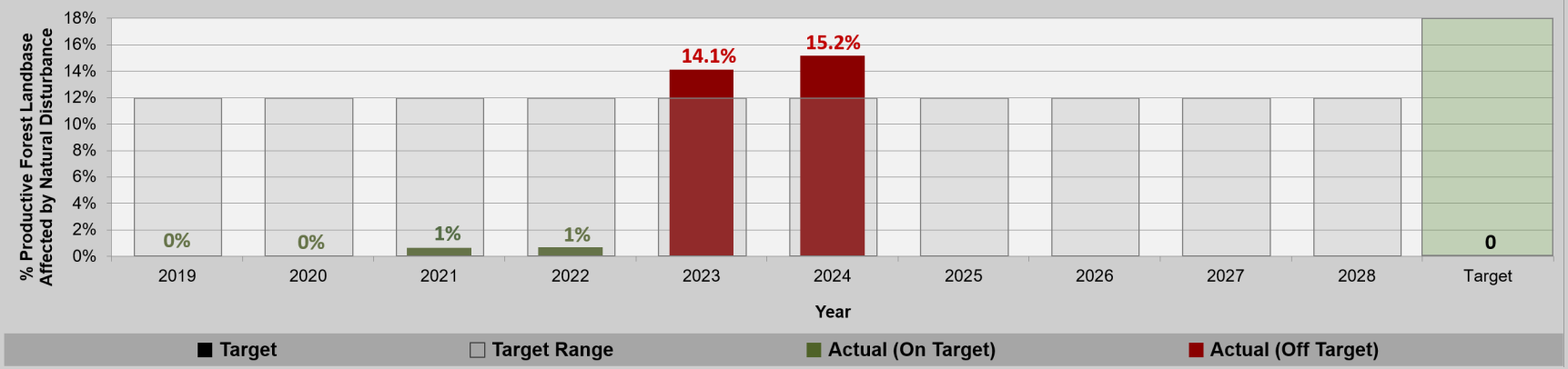
Indicator #10	Change in the managed forest landbase area	Status	Not Assessed (On Track)
Target #10	Less than 2% of the productive forest land base shall be converted to permanent or currently not reclaimed Mistik- and L&M-related access structures (roads and gravel / borrow pits).	Reporting Cycle	Annual
		Assessment Cycle	5-Year



Category	Year of Measurement										Cumulative Status	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
% Productive Forest Landbase Converted	0.002%	0.003%	0.001%	0.000%	0.000%	0.000%				Assessment Year	0.006%	2%
Total Permanent Road Added (km)	4.5	6.4	2.8	0.0	0.0	0.0					13.7	N/A
Contributing Area Converted (Roads) (ha)	16.1	24.6	10.7	0.0	0.0	0.0					51.3	N/A
Contributing Area Converted (Gravel/Borrow Pits) (ha)	0	0	0	0	0	0					0	N/A

Variance	2% disturbance is the target maximum, but maximum acceptable variance is 10% (i.e., less than 2.2% disturbance)
Comments	• Only permanent (Class 1 or Class 2) roads are considered and a total right-of-way width of 40m (20m buffer from centerline) is used for both Class 1 and Class 2 roads. Note that the maximum right-of-way width, as per the Forest Operations Standard, is 40m total. Values from previous reports had been assuming a larger right-of-way width, and these values have been corrected to 40m width in this report for all years. • Note that the contributing area converted is less than the total right-of-way area due to the fact that only part of the area covered by these roads is considered contributing. • No construction on class 2 or above roads was completed in 2022, 2023, or 2024.

Indicator #11	Net area disturbed by stand replacing natural events (fire)	Status	Off Target
Target #11	Net area impacted by stand replacing natural disturbance (fire) will be monitored against a threshold of 10% over the 10-year period, above which re-evaluation of the FMP would need to occur.	Reporting Cycle	Annual
		Assessment Cycle	Annual



Category	Year of Measurement										Current Status	Cumulative Percent	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028			
% Disturbance - Fire	0%	0%	0.7%	0.7%	14.1%	15.2%					**15.2%**	**15.2%**	**0%**

Variance

0% disturbance is the target, but maximum acceptable variance is 10% disturbance.

Comments

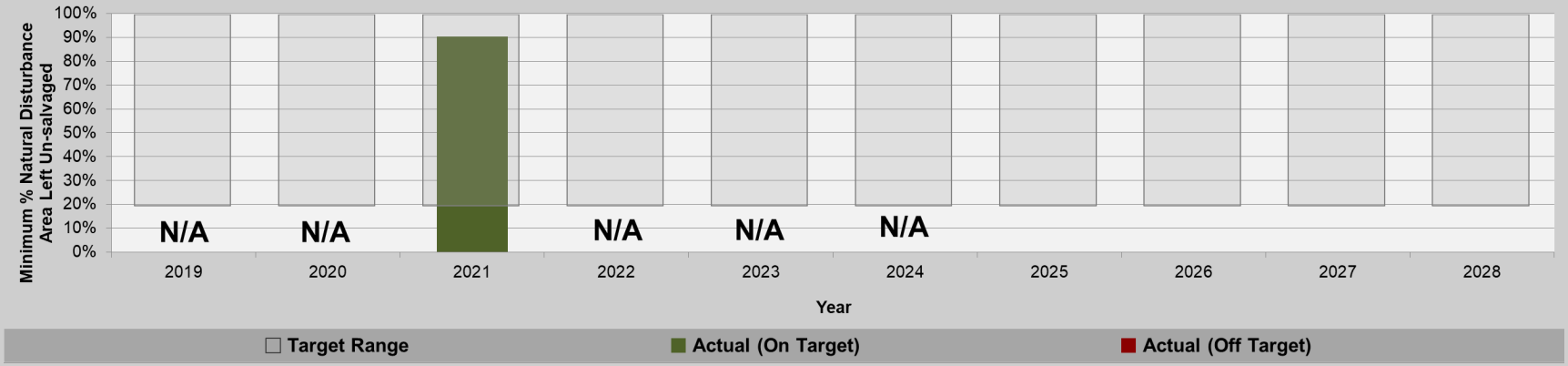
- There were a number of large wildfires on the Mistik FMA in 2023, with a total area of 236,793 ha and a contributing area of 118,278 ha. This includes 23BN-VERMETTE (61,930 ha), 23LX-SHAW (31,153 ha), 23LX-LSZ001-SK (26,949 ha), and several other smaller fires. Based on fire data provided by the Ministry of Environment.
- There were a number of large wildfires on the Mistik FMA in 2024, with a total area of 18,564 ha and a contributing area of 9,313 ha. This includes 24BN-BISON (4,281 ha), 24BN-BURBOT (2,374 ha), 24BN-MULE (1,562 ha), and several other smaller fires. Based on fire data provided by the Ministry of Environment.
- While the total area burned in 2023/24 exceeded the re-evaluation threshold, approximately half of this area was burned in areas that represent deferrals for caribou habitat (see Target 7b), with approx. 7.3% of the total contributing landbase burned in areas that are currently available for harvest.
- Note that in 2025, significant additional area burned in the Meadow Lake Timber Supply Area. Mistik calculated a revised annual allowable cut level which was approved in the 2026/27 Mistik operating plan. Additional information will be provided in the 2025/26 annual report.

Indicator #12 — Proportion of a natural disturbance event retained un-salvaged

Status	**Not Assessed (On Track)**
Reporting Cycle	**Annual**
Assessment Cycle	**5-Year**

Target #12

In all salvage harvesting activities occurring in natural disturbance events >100 ha, at least 20% of the disturbance area will be left unharvested.



Category	Year of Measurement										Cumulative Status	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
# of Salvage Events	0	0	2	1	0	0				Assessment Year	**3**	**N/A**
Total Area of Disturbance Events (ha)	70	0	37,381	228	236,793	18,564					**293,036**	**N/A**
Salvage Area in Disturbance Events (ha)	0	0	188	0	0	0					**188**	**N/A**
Minimum % Disturbance Area Left Un-salvaged	N/A	N/A	90.3%	N/A	N/A	N/A					**90.3%**	**20%**

Variance

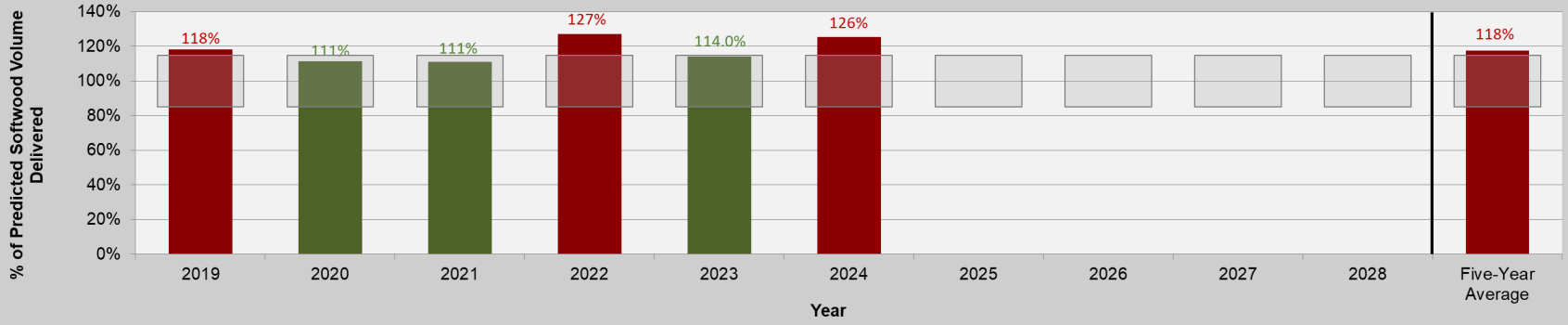
Acceptable range is ≥ 20% and <100%

Comments

- This target only includes disturbance events where salvage operations occurred.
- There were 21,873 ha of fire on the Mistik landbase in 2021. Salvage harvest of burned area occurred in two blocks in 2021 (10.0 ha of block 07015021 in fire 21LX-FORKS, and 133.6 ha of block 85006078 in fire 21BR-HELENE) and in one block in 2022 (44.7ha of block 85006082 in fire 21BR-HELENE) for a total of 188 ha. Salvage of these two fires has now been completed, with 3.8% of 21BR-HELENE salvaged, and 9.7% of 21LX-FORKS salvaged.
- Note that the total area of disturbance events in some previous years (2019 and 2021) were updated to show total area rather than contributing.
- There were no salvage operations in 2022/23, 2023/24, or 2024/25.

Indicator #13	Yield curve suitability; measured by actual harvest volume (m^3/ha) compared to predicted volume	Status	Not Assessed (Monitor)
Target #13	On an annual and five-year basis and based on updated harvest block boundaries, the total actual delivered softwood and hardwood harvest volume from all sources on the FMA area shall deviate by less than the acceptable variance (15% on a five-year basis) from the volume predicted by the yield curve estimates for the same harvested forest stands.	Reporting Cycle	5-Year
		Assessment Cycle	5-Year

Part 1 – Softwood



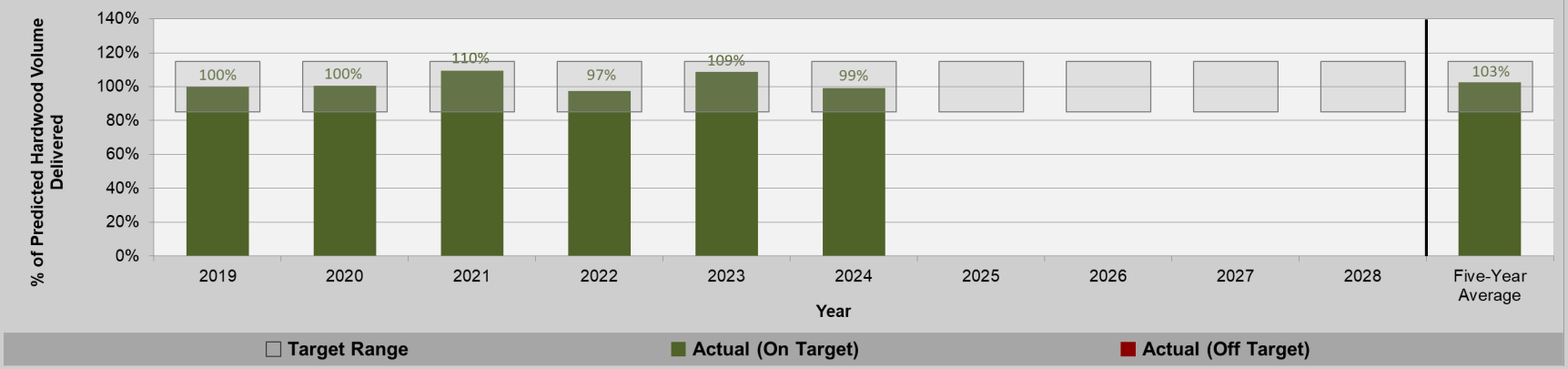
Category	Year of Measurement										Five-Year Average	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Predicted Volume (m^3)	189,652	154,869	207,314	217,767	246,850	151,008					**195,561**	**N/A**
Delivered Volume (m^3)	224,451	172,338	230,525	276,881	281,443	189,536				Assessment Year	**230,145**	**N/A**
Delivered Volume (% Predicted)	118.3%	111.3%	111.2%	127.1%	114.0%	125.5%					**117.7%**	**100%**

Variance	+/-15% acceptable variance.
Comments	• Differences between predicted and delivered volumes are likely due to a relatively old forest inventory (based on imagery acquired between 1994-2005) being used for these estimates. While there is an upper bound on this target, it should be noted that delivering more volume than predicted is positive as it means that less area needs to be harvested to meet wood supply requirements. • There was 1,469 m^3 delivered softwood volume and 13,043 m^3 delivered hardwood volume from roads that has not been included in the 2024/25 analysis as it is not known what the pre-harvest stand types were. The road wood volumes have been included in other VOITs (e.g., 19a) that utilize delivered volumes.

5-Year Assessment	**5-Year Assessment (2019-2023)** As mentioned, off-target values exceed expected volumes. New inventory is under development and should help going forward once completed.

Indicator #13	Yield curve suitability; measured by actual harvest volume (m^3/ha) compared to predicted volume	Status	Not Assessed (Monitor)
Target #13	On an annual and five-year basis and based on updated harvest block boundaries, the total actual delivered softwood and hardwood harvest volume from all sources on the FMA area shall deviate by less than the acceptable variance (15% on a five-year basis) from the volume predicted by the yield curve estimates for the same harvested forest stands.	Reporting Cycle	5-Year
		Assessment Cycle	5-Year

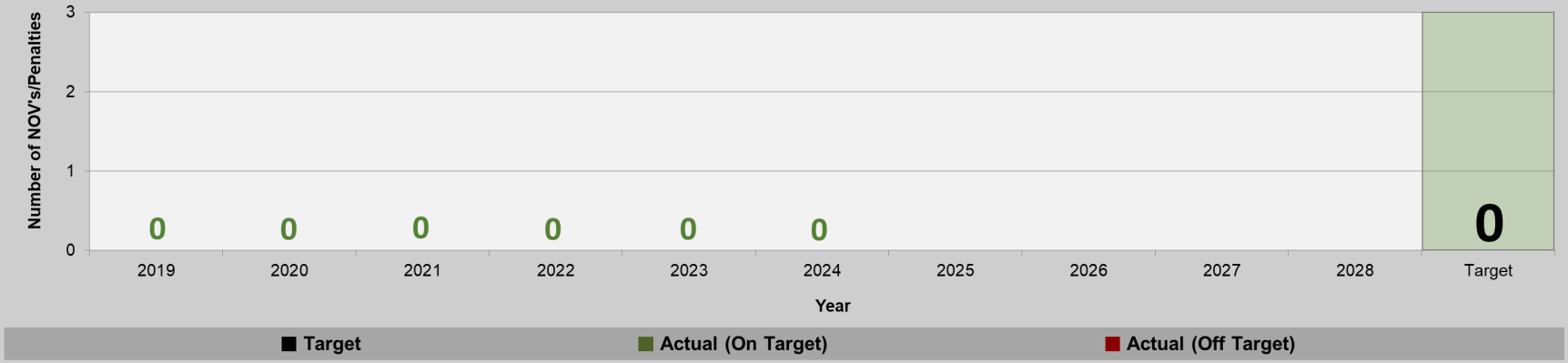
Part 2 – Hardwood



Category	Year of Measurement										Five-Year Average	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Predicted Volume (m^3)	455,878	451,366	467,237	590,135	525,538	594,377					**525.730**	**N/A**
Delivered Volume (m^3)	454,730	453,205	511,851	574,220	570.903	588,691				Assessment Year	**539,774**	**N/A**
Delivered Volume (% Predicted)	99.7%	100.4%	109.5%	97.3%	108.6%	99.0%					**102.7%**	**100%**

Variance	+/-15% acceptable variance.
Comments	• Differences between predicted and delivered volumes are likely due to a relatively old forest inventory (based on imagery acquired between 1994-2005) being used for these estimates. While there is an upper bound on this target, it should be noted that delivering more volume than predicted is positive as it means that less area needs to be harvested to meet wood supply requirements.

Indicator #14	Utilization assumption consistency and implementation	Status	On Target
Target #14	There shall be 0 Notices of Violation or Administrative Penalties for operators not meeting the current or otherwise approved utilization specifications.	Reporting Cycle	Annual
		Assessment Cycle	Annual



Category	Year of Measurement										Current Status	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
NOV's / Penalties	0	0	0	0	0	0					0	0

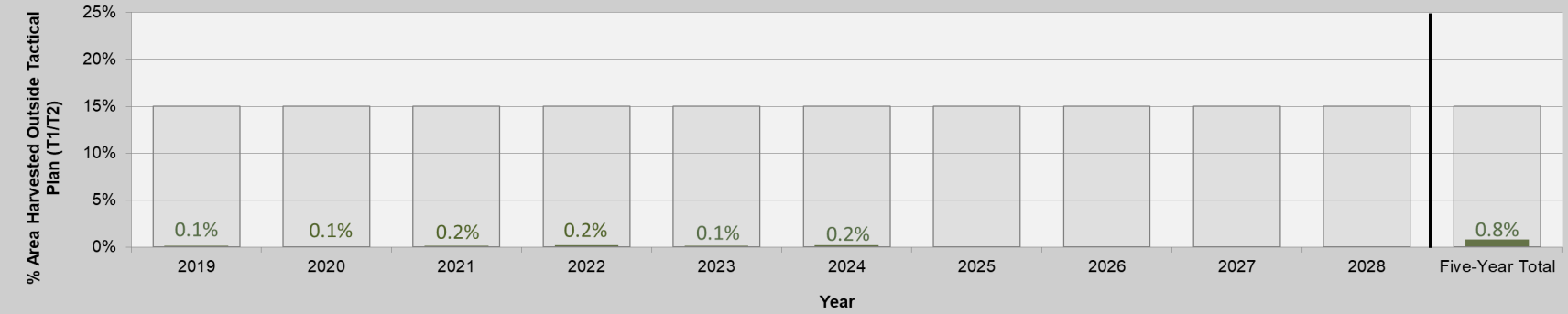
Variance

No acceptable variance.

Comments

- No notices of violation or administrative penalties were issued in 2024/25 for not following approved utilization specifications.
- As part of ongoing harvest supervision, Mistik does weekly inspections on all contractors to ensure that they are following the approved utilization specifications.
- For additional information on regulatory compliance, see section 6.2.4.
- Note that Mistik's EMS inspections cover a wide range of items, including some that are not considered legal non-compliances (for instance, internal documentation or tracking procedures) and therefore non-compliances in Mistik's internal inspections may still be compliant with Ministry requirements.

Indicator #15	Operational adherence to the Tactical Plan	Status	Not Assessed (On Track)
		Reporting Cycle	Annual
Target #15	Over the 10-year period, the area harvested outside of the Tactical Plan (T1 and T2 combined) will not exceed 15% of the total Tactical Plan area.	Assessment Cycle	5-Year



Category	Year of Measurement										Five-Year Total	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Total Area Harvested Outside of T1/T2 (ha)	372	200	444	573	340	476				Assessment Year	**2,033**	**37,347**
% Total Area Harvested Outside of T1/T2	0.1%	0.1%	0.2%	0.2%	0.1%	0.2%				Assessment Year	**0.8%**	**15%**

Variance

Acceptable range is 0% - 15%.

Comments

- Total Tactical Plan area (T1 + T2) = 248,979 ha. Maximum target area harvested outside of the Tactical Plan is (248,979 ha * 0.15) = 37,347 ha.
- In some areas, not all operable stands have been included in the tactical plan due to the coarse-scale nature of that level of planning. These stands are often harvested in conjunction with tactical plan blocks so that merchantable wood is not left isolated and harvest events can be completed.

Indicator #16	Harvesting activities in compliance with all related requirements	Status	Not Assessed (Monitor)
Target #16	100% of harvesting activities are in compliance with provincial and federal acts & regulations, approved operating plans, and SK Environmental Code.	Reporting Cycle	Annual
		Assessment Cycle	5-Year

Category	Year of Measurement									
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
All Harvesting Activities in Compliance	☒	☒	☒	☒	☒	☒	☐	☐	☐	☐

2024/25 Compliance Summary

Category	Mistik Inspection Data		Ministry Identified Non-Compliances (Enforcement Action Taken)					
	# of Inspections	# In Compliance with Mistik EMS	Total Items Non-Compliant	No Action Taken	Voluntary Compliance Opportunity	Notice of Violation	Stop Work Order	Administrative Penalty
Harvesting Activities	252	237	5	4	1	0	0	0

Variance

No acceptable variance.

Comments

- Mistik conducted a total of 252 harvest-related and road inspections in 2024/25 on both Mistik and Northwind operations. In 237 instances, harvesting activities were found to be in compliance.
- In 2024/25, the ministry identified five non-compliant items. Four required no further action be taken and Mistik received a voluntary compliance opportunity for the fifth one.
- For additional information on regulatory compliance see section 6.2.4
- Note that Mistik's EMS inspections cover a wide range of items, including some that are not considered legal non-compliances (for instance, internal documentation or tracking procedures) and therefore non-compliances in Mistik's internal inspections may still be compliant with Ministry requirements.

5-Year Assessment

5-Year Assessment

Mistik conducts several inspections per year, provides training to staff and contractors, and focuses training in areas where corrective actions from previous years indicate work is needed. This is in an attempt to have zero non-compliances and increase overall knowledge amongst contractors and staff.

Indicator #17	Crossing activities in compliance with all related requirements	Status	Not Assessed (Monitor)
Target #17	100% of watercourse crossings are in compliance with provincial & federal acts / regulations / approved operating plans /SK Environmental Code and aquatic habitat protection permits (AHPP).	Reporting Cycle	Annual
		Assessment Cycle	5-Year

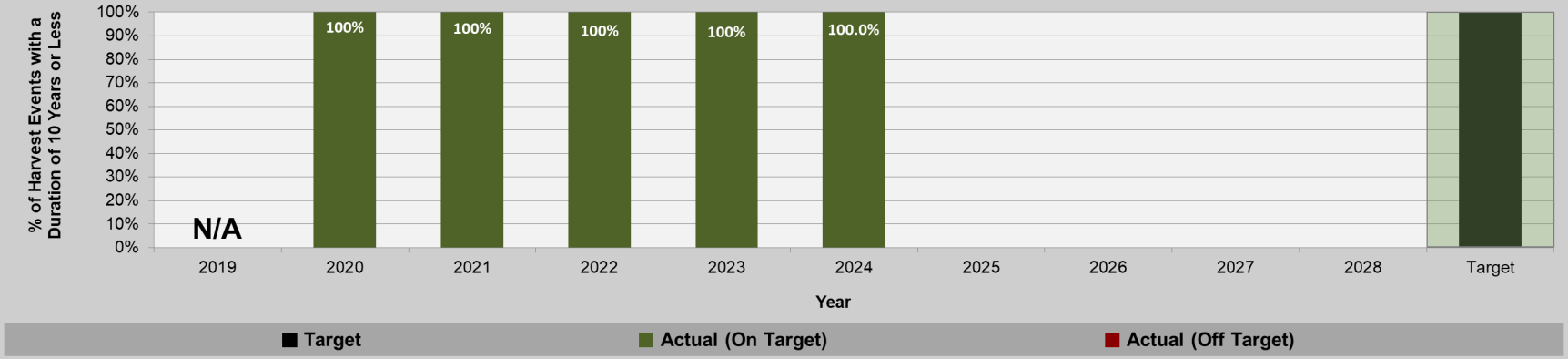
Category	Year of Measurement									
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
All Watercourse Crossings in Compliance	☒	☒	☒	☒	☑	☒	☐	☐	☐	☐

2024/25 Compliance Summary

Category	Mistik Inspection Data		Ministry Identified Non-Compliances (Enforcement Action Taken)					
	# of Inspections	# In Compliance with Mistik EMS	Total Items Non-Compliant	No Action Taken	Voluntary Compliance Opportunity	Notice of Violation	Stop Work Order	Administrative Penalty
Watercourse Crossings	42	40	3	0	2	1	0	0

Variance	No acceptable variance.
Comments	• Mistik conducted a total of 42 watercourse crossing inspections in 2024/25 and in 40 instances, crossing activities were found to be in compliance. • In 2024/25, the ministry identified three non-compliant items. Mistik received two voluntary compliance opportunities and one notice of violation. • For additional information on regulatory compliance see section 6.2.4. • Note that Mistik's EMS inspections cover a wide range of items, including some that are not considered legal non-compliances (for instance, internal documentation or tracking procedures) and therefore non-compliances in Mistik's internal inspections may still be compliant with Ministry requirements.

Indicator #18	Event Duration	Status	Not Assessed (On Track)
Target #18	100% of harvest events have a duration of 10 years or less.	Reporting Cycle	Annual
		Assessment Cycle	5-Year

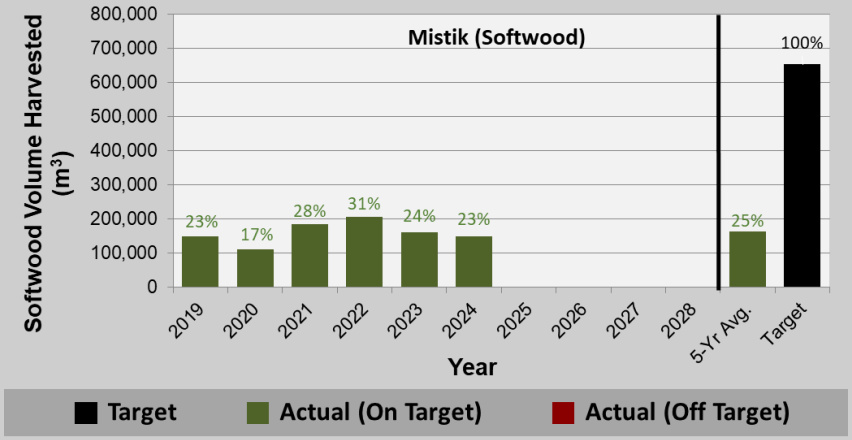


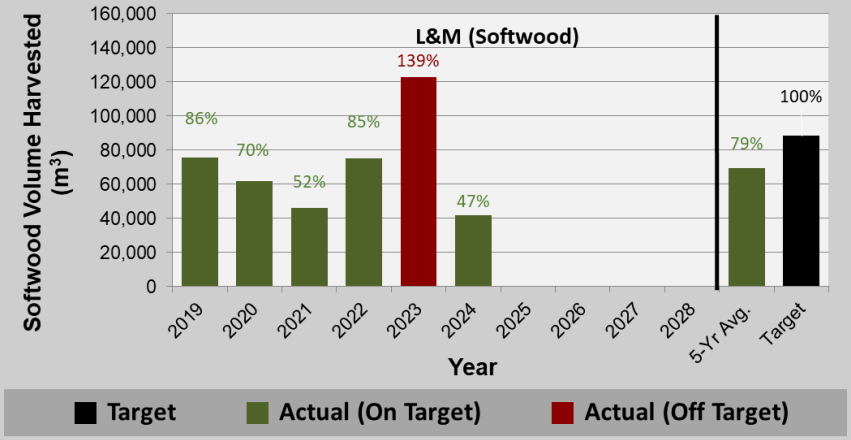
Category	Year of Measurement										Cumulative Total	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Completed Harvest Events	N/A	3	6	6	1	2					**18**	**N/A**
% of Completed Harvest Events with ≤ 10-year duration	N/A	100%	100%	100%	100%	100%				Assessment Year	**100%**	**100%**

Variance	No acceptable variance.
Comments	• This target is based on completed events only. Only harvest events starting in 2019 and after are considered. • Harvest event data, including a list of events initiated and completed in each year, can be found in Appendix A, Sections A6. • Two harvest events were completed in 2024 (TA054 and TA298); TA298 is a single-block event due to the remainder of the tactical plan blocks in this event being burned before Mistik was able to harvest them.

Indicator #19a	Utilization of harvest volume schedule (HVS)	Status	Not Assessed (On Track)
Target #19a	The annual average harvest (based on a five-year period) shall not exceed the approved HVS for softwood or hardwood.	Reporting Cycle	Annual
		Assessment Cycle	5-Year

Part 1 – Softwood



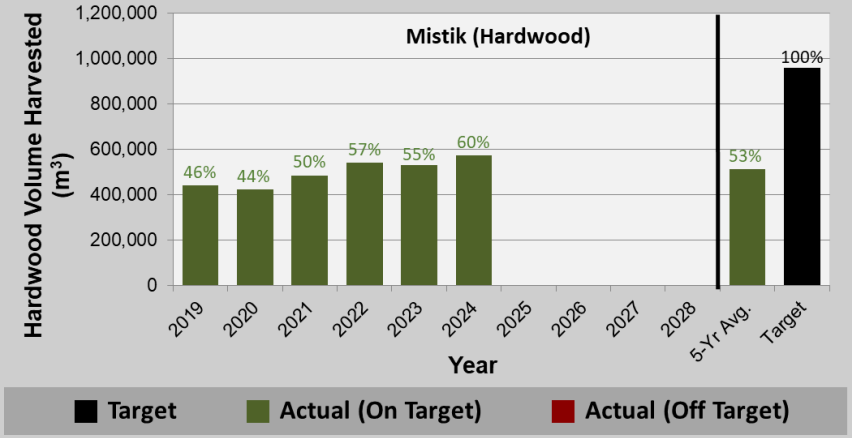


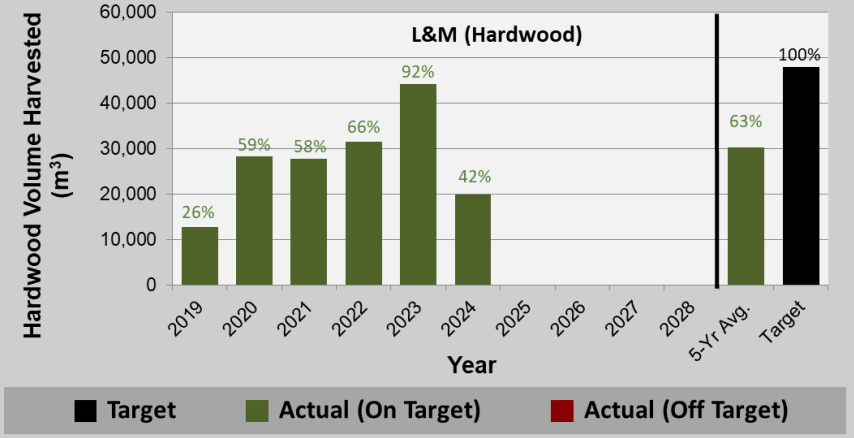
Category	Year of Measurement										Five-Year Average	2019 FMP HVS
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Softwood Volume Harvested (m^3) – Mistik	148,778	110,367	184,553	204,789	159,492	148,247				Assessment Year	161,490	652,906
Softwood Volume Harvested (m^3) – L&M	75,673	61,971	45,972	75,376	122,876	41,872					69,613	88,329

Variance	No acceptable variance.
Comments	
5-Year Assessment	5-Year Assessment (2019-2023) Although the L&M delivered softwood in 2023 exceeds the annual HVS, the previous 5 years' harvest levels are all less than the annual HVS.

Indicator #19a	Utilization of harvest volume schedule (HVS)	Status	Not Assessed (On Track)
Target #19a	The annual average harvest (based on a five-year period) shall not exceed the approved HVS for softwood or hardwood.	Reporting Cycle	Annual
		Assessment Cycle	5-Year

Part 2 – Hardwood

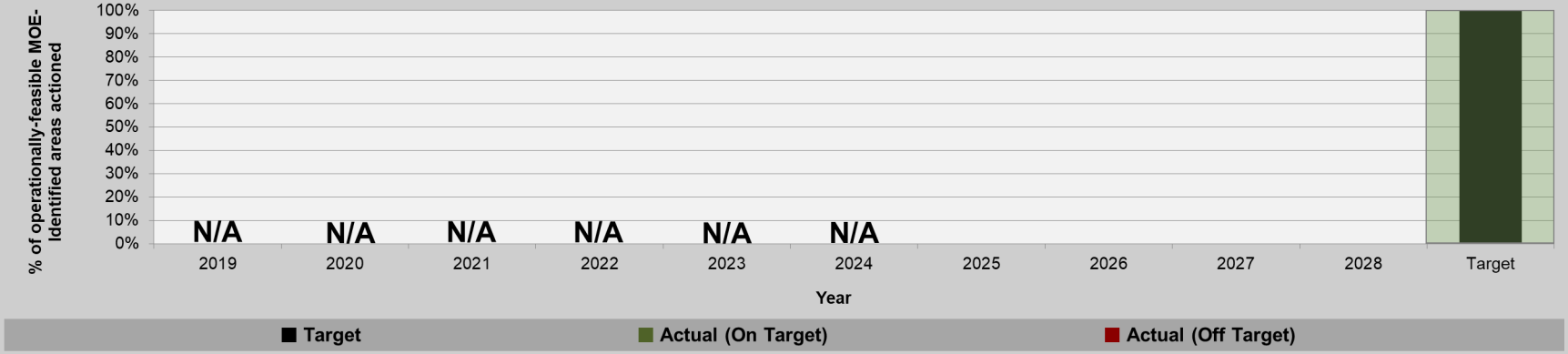




Category	Year of Measurement										Five-Year Average	2019 FMP HVS
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Hardwood Volume Harvested (m^3) – Mistik	442,072	424,941	484,138	542,824	529,000	573,425				Assessment Year	510,865	959,763
Hardwood Volume Harvested (m^3) – L&M	12,659	28,265	27,713	31,397	44,238	19,887					30,300	47,903

Variance	No acceptable variance.
Comments	
5-Year Assessment	5-Year Assessment Indicator is on target.

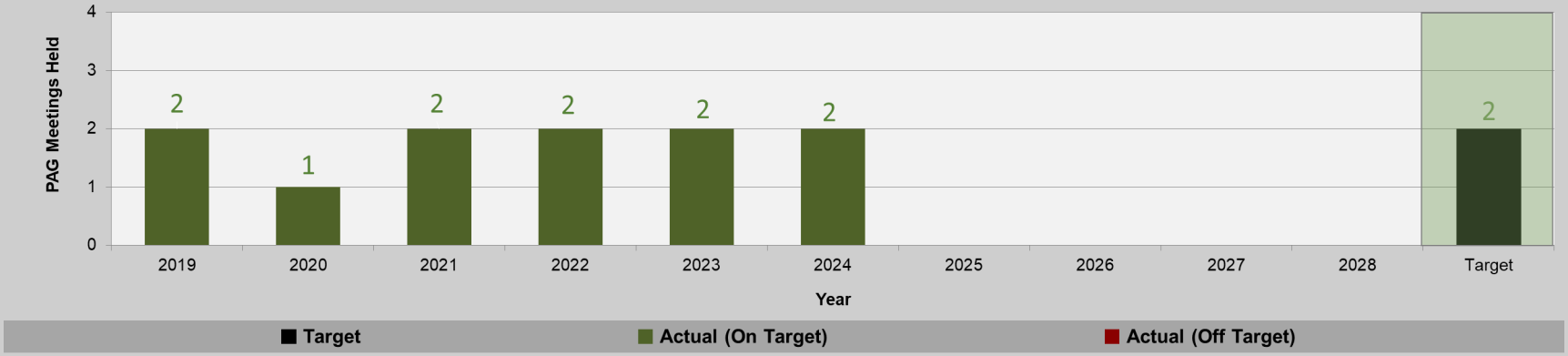
Indicator #19b	Harvest plans designed to lower wildfire risks to communities	Status	Not Assessed (On Track)
Target #19b	Work with MOE on 100% of community wildfire risks as identified by and requested by the Saskatchewan Public Safety Agency (SPSA) or within-FMA communities.	Reporting Cycle	Annual
		Assessment Cycle	5-Year



Category	Year of Measurement										Current Status	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Number of Areas Identified and Requested by SPSA	0	0	0	0	0	0				Assessment Year	**0**	**N/A**
Number of Areas Actioned	0	0	0	0	0	0					**0**	**N/A**
% Areas Actioned	N/A	N/A	N/A	N/A	N/A	N/A					**N/A**	**100%**

Variance	Economic feasibility and merchantability are the key criteria when determining if fuel reduction projects can be undertaken. Operators will not be expected to harvest areas that do not meet these criteria.
Comments	• There were no requests for fuel reduction-type projects in operating years 2019-2024 by the Saskatchewan Public Safety Agency or the communities. • Mistik regularly brings up the option to work with communities during engagement meetings with various communities in and around the FMA.

Indicator #20	Stakeholder and public engagement (Public Advisory Group meetings)	Status	On Target
Target #20	Organize a minimum of 2 public engagement meetings (e.g., PAG meetings) annually.	Reporting Cycle	Annual
		Assessment Cycle	Annual



Category	Year of Measurement										Cumulative Average	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
PAG Meetings Held	2	1	2	2	2	2					1.8	2

Variance

Acceptable variance is -1 meeting.

Comments

- Only one PAG meeting was held in 2020 due to COVID-related cancellations. This meeting was held remotely on Oct. 22, 2020.
- In 2024/25, the spring field tour was held on June 25th, 2024 and the fall meeting was held on October 31st, 2024. The spring tour was held in Meadow Lake Provincial Park (MLPP) and explored some of the ways the strategic 20-Year Forest Conservation Management Plan (FCMP) and the Ecosystem Based Management Plan for MLPP are being implemented. The fall meeting included an overview of annual reporting for 2023/24, a certification update, and a presentation by Ducks Unlimited.

Indicator #21	Spatially identified non-timber resources and forest use activities	Status	On Target
Target #21	On an annual basis, acquire and input into GIS 100% of all known 'special places', non-timber resources and non-timber forest-use activities and produce a thematic map product which can be produced as a single theme or in combination with other map products.	Reporting Cycle	Annual
		Assessment Cycle	Annual

Category	Year of Measurement									
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Number of New Additions	0	0	1	0	1	4				
Map Produced?	☑	☑	☑	☑	☑	☑	☐	☐	☐	☐

Variance

No acceptable variance.

Comments

- "Special Places" includes areas of public concern, rare wildlife, traditional use areas, unique landforms, visually sensitive areas, and archaeological/heritage sites.
- In 2024, four features were added. These four areas were identified by a First Nation and are confidential in nature.
- See Mistik Special Places map (available on Mistik's website www.Mistik.ca).

Indicator #22	Harvest operations are proportionally distributed across the FMA *(2019-2023)*	Status	Not Assessed (Monitor)
Target #22	Harvest area by species grouping and Planning Unit will not exceed 50% of the 10-year (*) Forest Estate Modeling outputs in either of the first two 5-year periods.	Reporting Cycle	Annual
		Assessment Cycle	5-Year

Planning Unit	Species Group	Year of Measurement										5-Year Total	% of Target	Target (5-year)	Target (10-year)*
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028				
North	H/HS (ha)	0	0	0	0	0	NA	NA	NA	NA	NA	0	0%	2,754	5,508
	SH (ha)	0	0	0	0	0	NA	NA	NA	NA	NA	0	0%	414	828
	S-WS (ha)	0	0	0	0	0	NA	NA	NA	NA	NA	0	0%	259	517
	S-Other (ha)	0	0	0	0	0	NA	NA	NA	NA	NA	0	0%	2,430	4,859
West	H/HS (ha)	907	773	793	1,059	827	NA	NA	NA	NA	NA	4,359	79%	5,537	11,073
	SH (ha)	18	41	30	13	11	NA	NA	NA	NA	NA	113	36%	311	622
	S-WS (ha)	32	10	28	64	5	NA	NA	NA	NA	NA	139	72%	194	388
	S-Other (ha)	70	146	130	147	210	NA	NA	NA	NA	NA	703	20%	3,495	6,990
Central	H/HS (ha)	851	746	856	1,095	974	NA	NA	NA	NA	NA	4,522	39%	11,551	23,101
	SH (ha)	69	21	51	57	88	NA	NA	NA	NA	NA	286	26%	1,086	2,171
	S-WS (ha)	28	20	55	75	19	NA	NA	NA	NA	NA	197	29%	677	1,353
	S-Other (ha)	138	78	191	195	118	NA	NA	NA	NA	NA	720	10%	7,298	14,595
Divide	H/HS (ha)	707	520	618	696	613	NA	NA	NA	NA	NA	3,154	85%	3,727	7,453
	SH (ha)	45	132	81	58	48	NA	NA	NA	NA	NA	364	85%	427	854
	S-WS (ha)	115	4	49	45	55	NA	NA	NA	NA	NA	268	61%	440	880
	S-Other (ha)	199	151	243	270	308	NA	NA	NA	NA	NA	1,171	57%	2,045	4,089
L&M	H/HS (ha)	56	251	252	248	303	NA	NA	NA	NA	NA	1,109	88%	1,254	2,507
	SH (ha)	52	40	35	31	57	NA	NA	NA	NA	NA	215	100%	216	432
	S-WS (ha)	80	51	21	15	2	NA	NA	NA	NA	NA	170	118%	144	287
	S-Other (ha)	257	234	241	314	544	NA	NA	NA	NA	NA	1,589	84%	1,890	3,779
Variance															No acceptable variance.
Comments	• A map of the planning units can be found in Appendix A.														

- Note that targets are based on model-derived volumes for each planning unit, not the total amount of Tactical Plan area for each species group, resulting in targets that are stricter in some cases than what is actually sustainable. Therefore, despite the proportionally large % of S-WS harvested in the L&M Planning Unit, it has been demonstrated to the MIT that harvest in this species group is nonetheless occurring within sustainable thresholds. Additional details have been provided in the Supplementary Data submission. Mistik will work with the MIT to refine the reporting of this indicator in order to ensure sustainability of harvest levels while accounting for operational realities.
- A revision to the FMP was approved April 1, 2023, with updated targets for this indicator to match the updated forest estate model. As per this revision, the first 5 years (2019/20 – 2024/25) will remain measured against the original 2019 targets, and the following 5 years (2024/25 – 2028/29) measured against the updated (2023) targets. The new 2023 targets will be utilized starting with the 2024-25 Annual Report.

* “10-year” target numbers apply to assessment across the first two 5-year periods; however, since the FMP was amended in 2023, it no longer applies (see new indicator page and resulting new 2024-2029 target numbers below).

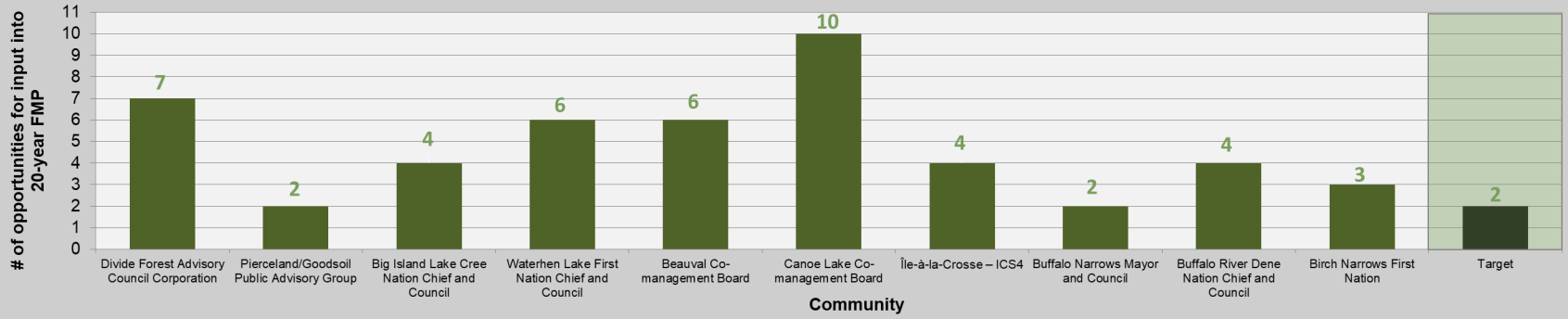
Indicator #22	Harvest operations are proportionally distributed across the FMA *(2024-2028)*	Status	Not Assessed (On Track)
Target #22	Harvest area by species grouping and Planning Unit will not exceed 50% of the 10-year (*) Forest Estate Modeling outputs in either of the first two 5-year periods.	Reporting Cycle	Annual
		Assessment Cycle	5-Year

Planning Unit	Species Group	Year of Measurement - Area (ha)										5-Year Total (ha)	% of Target	Target (5-year) (ha)	Target (10-year)(*)
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028				
North	H/HS	NA	NA	NA	NA	NA	0				Assessment Year	**0**	**0%**	**3,936**	NA
	SH	NA	NA	NA	NA	NA	0					**0**	**0%**	**408**	NA
	S-WS	NA	NA	NA	NA	NA	0					**0**	**0%**	**259**	NA
	S-Other	NA	NA	NA	NA	NA	0					**0**	**0%**	**2,453**	NA
West	H/HS	NA	NA	NA	NA	NA	985					**985**	**17%**	**5,903**	NA
	SH	NA	NA	NA	NA	NA	19					**19**	**11%**	**174**	NA
	S-WS	NA	NA	NA	NA	NA	8					**8**	**5%**	**167**	NA
	S-Other	NA	NA	NA	NA	NA	179					**179**	**6%**	**3,061**	NA
Central	H/HS	NA	NA	NA	NA	NA	1,032					**1,032**	**12%**	**8,865**	NA
	SH	NA	NA	NA	NA	NA	53					**53**	**6%**	**938**	NA
	S-WS	NA	NA	NA	NA	NA	36					**36**	**6%**	**642**	NA
	S-Other	NA	NA	NA	NA	NA	168					**168**	**2%**	**7,221**	NA
Divide	H/HS	NA	NA	NA	NA	NA	920					**920**	**22%**	**4,109**	NA
	SH	NA	NA	NA	NA	NA	22					**22**	**10%**	**219**	NA
	S-WS	NA	NA	NA	NA	NA	51					**51**	**11%**	**464**	NA
	S-Other	NA	NA	NA	NA	NA	49					**49**	**3%**	**1,858**	NA
L&M	H/HS	NA	NA	NA	NA	NA	185					**185**	**16%**	**1127**	NA
	SH	NA	NA	NA	NA	NA	105					**105**	**24%**	**432**	NA
	S-WS	NA	NA	NA	NA	NA	24					**24**	**11%**	**216**	NA
	S-Other	NA	NA	NA	NA	NA	82					**82**	**4%**	**1,830**	NA

Variance	No acceptable variance.
Comments	• A map of the planning units can be found in Appendix A.

	• Note that targets are based on model-derived volumes for each planning unit, not the total amount of Tactical Plan area for each species group, resulting in targets that are stricter in some cases than what is actually sustainable. Therefore, despite the proportionally large % of S-WS harvested in the L&M Planning Unit, it has been demonstrated to the MIT that harvest in this species group is nonetheless occurring within sustainable thresholds. Additional details have been provided in the Supplementary Data submission. Mistik will work with the MIT to refine the reporting of this indicator in order to ensure sustainability of harvest levels while accounting for operational realities. • An amendment to the FMP was approved April 1, 2023, with updated targets for this indicator to match the updated forest estate model. As per this revision, the first 5 years (2019/20 – 2024/25) will remain measured against the original 2019 targets, and the following 5 years (2024/25 – 2028/29) will be measured against the updated (2023) targets. The new 2023 targets will be utilized starting with the 2024-25 Annual Report. (*) “10-year” target numbers established in 2019 would apply to assessment across the first two 5-year FMP periods; however, since the FMP was amended in 2023 and there is no longer a full 10-year FMP timeframe remaining, they no longer apply. Assessment of the remaining 5-year period will be done in 2028-29 against the new target numbers.

Indicator #23	Aboriginal community involvement in planning processes	Status	On Target
Target #23	Provide a minimum of two opportunities annually for Indigenous communities to have input in Mistik's 20-Year Forest Management Plan processes and implementation. Provide notification to specific co-management/advisory boards annually if no harvesting is planned in their area. This would be used in the case where a group is inactive due to lack of forestry activity in their area and has chosen not to be in regular contact with Mistik/L&M.	Reporting Cycle	Annual
		Assessment Cycle	Annual



Number of Opportunities for Input, by Community	Year of Measurement										Current Status	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
Divide Forest Advisory Council Corporation	7	7	5	5	12	7					7	2
Pierceland/Goodsoil Public Advisory Group *	2	2	2	3	3	2					2	2
Big Island Lake Cree Nation Chief and Council	6	5	8	3	6	4					4	2
Waterhen Lake First Nation Chief and Council	2	3	5	6	4	6					6	2
Beauval Co-management Board	6	8	7	7	5	6					6	2
Canoe Lake Co-management Board	8	7	10	12	8	10					10	2
Île-à-la-Crosse – ICS4	4	5	7	5	6	4					4	2
Buffalo Narrows Mayor and Council	2	2	3	2	5	2					2	2
Buffalo River Dene Nation Chief and Council	4	3	5	8	4	4					4	2
Birch Narrows First Nation	1	1	7	4	3	3					3	2

Variance	No acceptable variance.
Comments	• *The Pierceland/Goodsoil advisory group voluntarily has disbanded and representatives from the area attend the PAG and open houses held for operating plan review each fall. • The number of opportunities for input for the Canoe Lake Co-management Board includes Canoe Lake Cree First Nation and the communities of Jans Bay, and Cole Bay who are also represented on the co-management board.

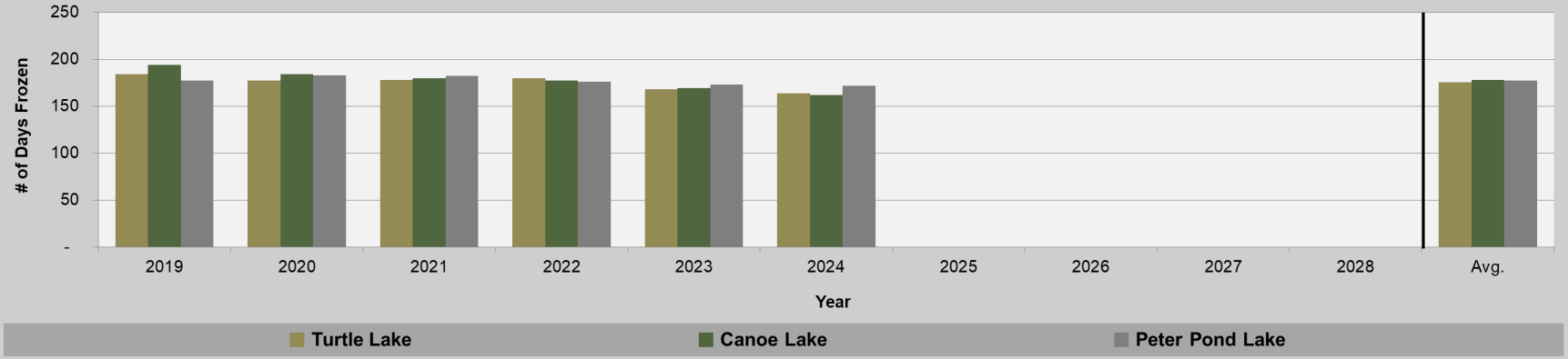
Indicator #24	Spatial Identification and protection of culturally significant Heritage and Indigenous sites	Status	Not Assessed (On Track)
Target #24	On an annual basis, acquire and input into GIS 100% of all known locations of cultural, heritage or traditional Indigenous forest values and develop operating plans that protect these known sites of heritage, cultural and Indigenous forest values.	Reporting Cycle	Annual
		Assessment Cycle	5-Year

Category	Year of Measurement									
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Number of New Additions	4	0	1	0	1	4				Assessment Year
Map Produced?	☑	☑	☑	☑	☑	☑	☐	☐	☐	☐

Variance	No acceptable variance.
Comments	• Note: Mistik will keep a spatial dataset of known special places; however, due to confidentiality issues, specific details on type may not be available to the general public. • 4 new heritage sites were identified in 2024. • See Mistik Special Places Map.

Indicator #25	Impacts of Climate Change on the Mistik FMP Area	Status	N/A
Target #25	1. The number of "days frozen" annual for three important lakes in the FMP area 2. Operational days lost due to "abnormal" weather/environmental conditions	Reporting Cycle	N/A
		Assessment Cycle	N/A

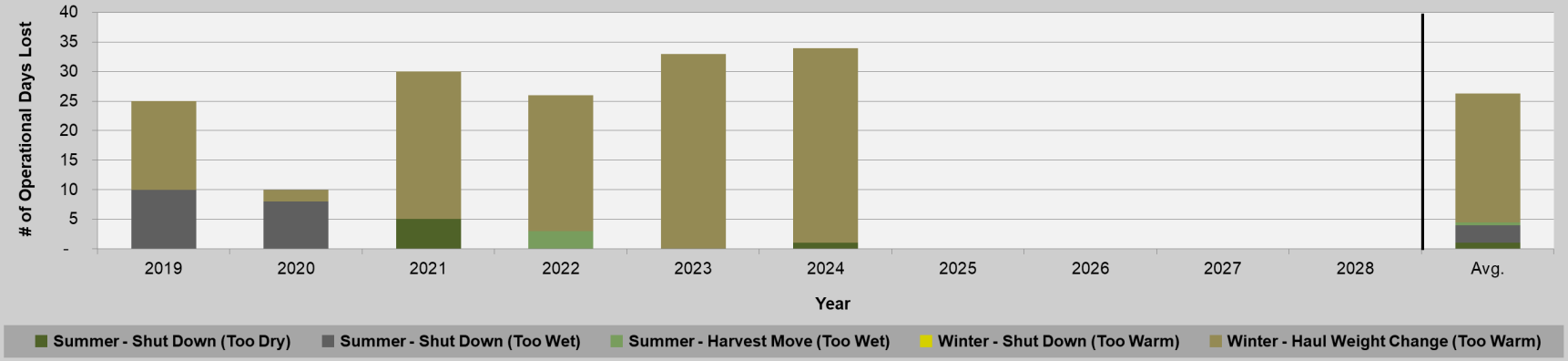
Part 1 – Annual Days Frozen (Selected Lakes)



Category	Year of Measurement										Cumulative Average
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Number of Days Frozen (Turtle Lake)	184	177	178	180	168	164					**175**
Number of Days Frozen (Canoe Lake)	194	184	180	177	169	162					**178**
Number of Days Frozen (Peter Pond Lake)	177	183	182	176	173	172					**172**
Variance	N/A										
Comments	• The three lakes chosen are all locally important for fishing/sustenance and recreation within the FMP area. Local people near each lake assist Mistik with monitoring ice conditions. The trend over time may show a decline in each lake's total number of "frozen days" per year which has impacts to the local people. • "Days frozen" begin when the entire lake is frozen and end when all the ice is gone. • This indicator is voluntary monitoring commitment described in Mistik's 2019 20-Year Forest Management Plan, Volume III, Section 3.8 related to a study focusing on the impacts of climate change on sustainable forest management on the Mistik FMP area[1]. As such, there are no associated targets. [1]*Andrews-Key, S. A. 2018. Vulnerability and Adaptation to Climate Change in Sustainable Forest Management and the Forest Industry in Saskatchewan. (Unpublished doctoral dissertation). University of Saskatchewan, Saskatoon, Saskatchewan, Canada.*										

Indicator #25	Impacts of Climate Change on the Mistik FMP Area	Status	N/A
Target #25	1. The number of "days frozen" annual for three important lakes in the FMP area 2. Operational days lost due to "abnormal" weather/environmental conditions	Reporting Cycle	N/A
		Assessment Cycle	N/A

Part 2 – Operational Days Lost due to Abnormal Environmental Conditions



Season	Category	Year of Measurement										Cumulative Average
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Summer	Harvest Shut Down (Too Dry)	0	0	5*	0	0*	1					1
	Harvest Shut Down (Too Wet)	10	8	0	0	0	0					3
	Harvest Moved (Too Wet)	0	0	0	3	0	0					1
Winter	Harvest Shut Down (Too Warm)	0	0	0	0	0	0					0
	Haul Weight Change (Too Warm)	15	2	25	23	33	33					22
	Total	25	10	30	26	33	34					27

Variance	N/A

Comments	• Mistik monitors the following (number of days):
	  ○ In Summer (Start-up until October 31):
	  ▪ Harvesting shut downs due to extremely dry (high fire hazard) or extremely wet conditions.
	  ▪ Harvesting moves directly related to wet conditions.
	  ○ In Winter (November 31 until February 28) – note that in the FMP, winter dates were defined as November 1 – March 31. Mistik does not consider warmer temperatures in March abnormal, and as such does not record these days.
	  ▪ Harvesting shut downs due to warm temperatures.

- Winter haul weight changes due to warm temperatures

- This indicator is voluntary monitoring commitment described in Mistik's 2019 20-Year Forest Management Plan, Volume III, Section 3.8 related to a study focusing on the impacts of climate change on sustainable forest management on the Mistik FMP area[1]. As such, there are no associated targets.
- In the FMP, the winter dates were defined as November 1 - March 31. Mistik does not consider warmer temperatures in March abnormal, and as such does not record these days.

** 2021 - There were an additional 16 days in July with bunching and skidding limited to night shift due to fire risk.*
** 2023 - Had harvest moves due to fire hazard restrictions (Contractor was moved to a different stand type/area in order to continue working)*

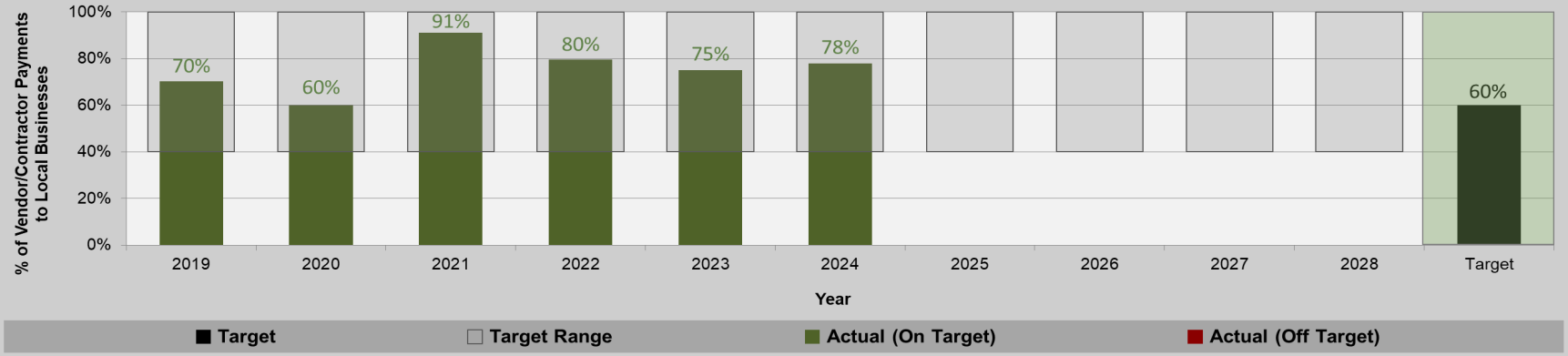
[1]*Andrews-Key, S. A. 2018. Vulnerability and Adaptation to Climate Change in Sustainable Forest Management and the Forest Industry in Saskatchewan. (Unpublished doctoral dissertation). University of Saskatchewan, Saskatoon, Saskatchewan, Canada.*

Indicator #26a	Contributions to Co-management Boards	Status	Not Assessed (On Track)
Target #26a	On an annual basis, contribute financially to co-management boards according to the terms and conditions of co-management agreements.	Reporting Cycle	Annual
		Assessment Cycle	5-Year

Category	Year of Measurement									
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Contributions Met?	☑	☑	☑	☑	☑	☑	☐	☐	☐	☐

Variance	Acceptable variance is 20% of the 5-year target, based on the terms of the agreement.
Comments	• As part of Mistik's annual financial audit, an assessment is made on co-management fee payments. The assessment is done to determine if the payment amounts were correctly calculated based on the fee payment schedule. • Mistik entered into a new joint co-management agreement with three communities in 2022. • No issues were found with payments to co-management boards in 2024/25.

Indicator #26b	Percent of total annual vendor / contractor payments made to local businesses	Status	Not Assessed (On Track)
Target #26b	On an annual basis, 60% of total annual vendor/contractor payments made by Mistik & L&M will be to businesses from local communities in, and adjacent to, the FMA area.	Reporting Cycle	Annual
		Assessment Cycle	5-Year



Category	Year of Measurement										Current Status	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
% Vendor Payments to Local Businesses	70.2%	60.0%	91.0%	79.6%	75.0%	78.0%				Assessment Year	78.0%	60%

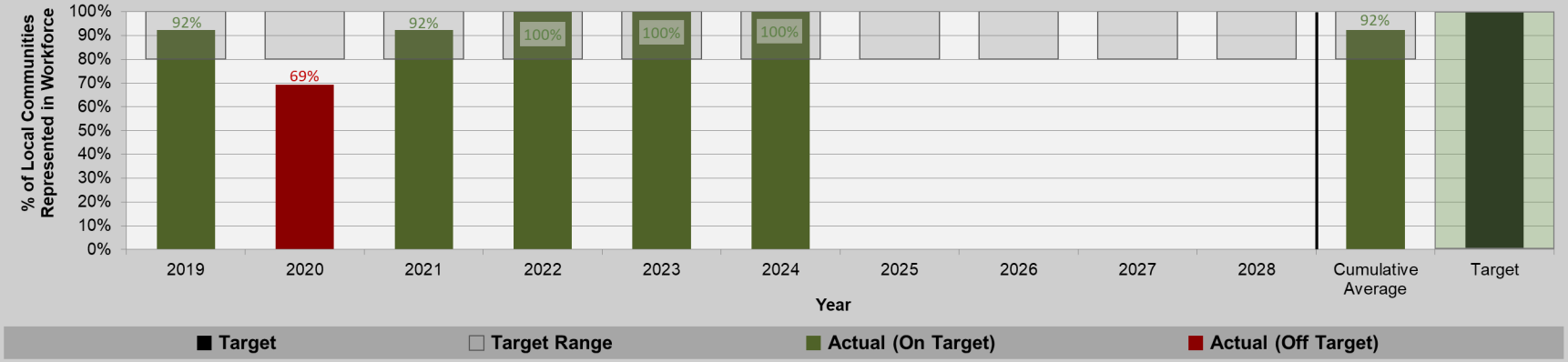
Variance

Acceptable variance is 20% of total annual vendor/contractor payments (acceptable range: 40% - 100%).

Comments

- The following communities are considered “local”: Michel Village, St. Georges Hill, Dillon, Buffalo Narrows, Canoe Lake, Jan’s Bay, Cole Bay, Beauval, Île-à-la-Crosse, Waterhen, Meadow Lake, Glaslyn (L&M), and Spiritwood (L&M).

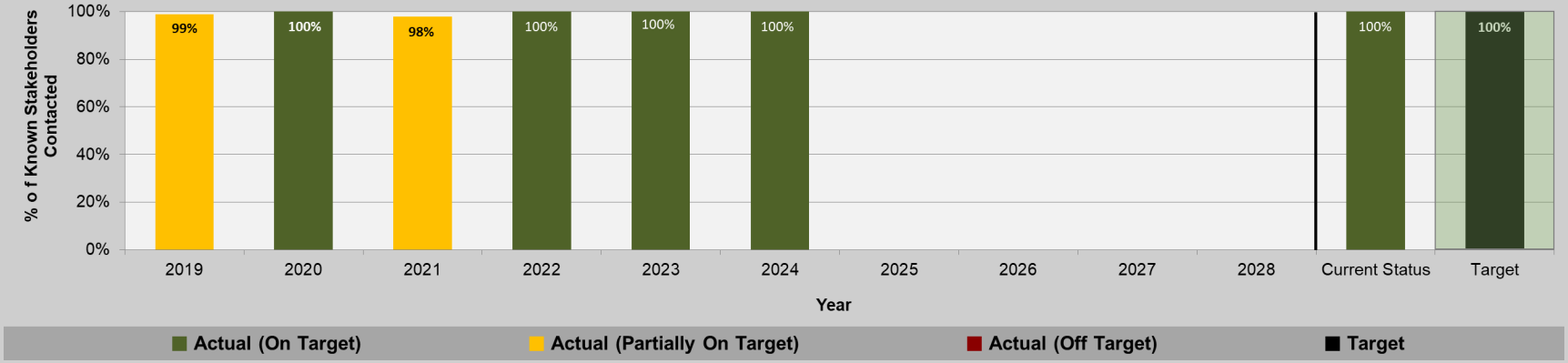
Indicator #26c	Percent of 'within-FMA area' communities represented in the workforce	Status	Not Assessed (On Track)
Target #26c	100% of 'within-FMA area' communities shall be represented in the L&M and Mistik-related workforce.	Reporting Cycle	Annual
		Assessment Cycle	5-Year



Category	Year of Measurement										Cumulative Average	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
% of Local Communities Represented in Workforce	92%	69%	92%	100%	100%	100%				Assessment Year	92%	100%

Variance	Acceptable variance is 20% (acceptable range is 80% - 100% of 'within-FMA area' communities).
Comments	• The following communities are identified in the FMP as "local": Michel Village, St. Georges Hill, Dillon, Buffalo Narrows, Canoe Lake, Jan's Bay, Cole Bay, Beauval, Île-à-la-Crosse, Waterhen, Meadow Lake, Glaslyn (L&M), and Spiritwood (L&M). • All 13 communities were represented in 2024.

Indicator #27	Stakeholder Engagement	Status	On Target
Target #27	Send letters annually to 100% of known "within-FMP area" stakeholders in areas where harvesting is proposed for the upcoming operating year. The letters will notify the stakeholder of Mistik/L&M plans to operate in their area and provide the opportunity for the individual to have input in planning process.	Reporting Cycle	Annual
		Assessment Cycle	Annual



Category	Year of Measurement										Current Status	Target
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
# of Known Stakeholders	108	117	122	111	95	115					115	N/A
# with Contact Initiated by Letter	102	117	118	106	94	103					103	N/A
# with Contact Initiated by Other Means	5	0	2	5	1	12					12	N/A
% of Known Stakeholders Contacted	99%	100%	98%	100%	100%	100%					**100%**	**100%**

Variance	No acceptable variance.
Comments	• It should be noted that letters represent only a small portion of the ways Mistik engages local stakeholders. • Throughout each operating year, a number of new stakeholders are added. An example is when an existing business is purchased by someone new. This transaction may take place outside of the timeframe when the operating plan is being developed (i.e., not in the fall), so an operating plan engagement letter is not sent at that time. Mistik contacts new stakeholders as we are made aware of them and reviews plans for the current/upcoming operating year. New stakeholders receive engagement letters for the next operating plan and going forward from that point.

6 FMP STANDARD REPORTING REQUIREMENTS

Reporting requirements, in addition to the indicators above, are outlined in the *Saskatchewan Environmental Code – Forest Management Planning Standard* (Section 1-54).

6.1 MANAGEMENT IMPLEMENTATION TEAM (MIT)

The MIT met in February and March of 2022 to begin the process of amending the FMP to gain alignment with the Range Plan for Woodland Caribou in Saskatchewan (SK2 West Caribou Administration Unit). This process was completed in May 2023. The MIT was engaged in the presentation of the final 2023-24 annual report in May 2025. Going forward, the MIT will be engaged as often as necessary with respect to the implementation of the forest management plan and annual reports.

6.2 ANNUAL REPORT CONTENT

6.2.1 VOIT Tracking and Monitoring

VOIT updates in this annual report include an assessment of each target and notes on deviations and why they are occurring. Supporting data is either provided in this document or to the ministry separately (for confirmation/analysis). In some cases, the data is confidential (financial or stakeholder-related) and therefore not all background data is included in this document.

Mechanisms employed in Mistik monitoring processes include several systems:

- The environmental management system (EMS) and certification processes include standard operating procedures, annual staff and contractor training, a self-inspection process and report, and an external audit. The EMS also includes procedures for regular (typically daily) monitoring of various operational activities and administrative processes.
- There are several databases that are maintained that contribute to VOIT monitoring including GIS and associated data, tracking of silviculture and indicator-related information, stakeholder commitments, operating plan approval and amendment conditions, watercourse crossing activity, operational and planning-related data. Some of this information is provided to the ministry at various required intervals (e.g., annual data submission, monthly stakeholder commitments, etc.).
- Stakeholder and public engagement records are maintained at Mistik. As these may contain confidential and/or sensitive information, they are not included in this

document. The records are made available to the ministry and external certification auditors. A summary of public concerns can be found in Appendix A. Mistik posts an advertisement in the local newspaper each year during operating plan development (fall) inviting the public to have input in the planning process. Mistik also has ongoing, regular engagement with stakeholders throughout the operating year.

- External certification audit results are provided to Mistik and can also be found on the Mistik website.

6.2.2 FMP Registry

The status of each of Mistik's 2019 20-Year FMP Commitments is as follows.

Mistik 2019 20-Year Forest Management Plan Commitments (Volume III Registry Items)			
Commitment	**Measurement Criteria**	**Schedule for Completion**	**Annual Update**
Public Involvement (Public Engagement Process)			
Mistik will update the Mistik Register of Public Issues and Concerns on an annual basis	Evidence of the review process and publicly available Register	Annual implementation and reporting (August 31)	Registry has been updated. There were no public complaints made to Mistik during 2024/25. Register of public concerns can be found in Section A4.
Non-Timber Values			
Identify visually sensitive areas (VSA) and maintain specified visual quality objectives (VQO).	Evidence in the annual report of the identification of visually sensitive areas and specified visual quality objectives	Annual implementation and reporting (August 31)	VSA are inspected based on established VQO's during harvest operations, as part of the annual external audit and the EMS self-inspection process.
Maintain database of watercourse crossings	Mistik/L&M GIS layer and operating plans maps to illustrate location, type, and size of crossing	GIS layer and maps to be updated annually.	Mistik's GIS is updated on a regular basis as watercourse crossings are installed and removed. Data is provided to the ministry annually in the operating plan and under the Forest Data Submission Standard.

Mistik 2019 20-Year Forest Management Plan Commitments (Volume III Registry Items)			
Commitment	**Measurement Criteria**	**Schedule for Completion**	**Annual Update**
Natural Disturbance			
With respect to an incipient outbreak of an invasive insect, Mistik will collaborate with the Ministry of Environment in mapping, monitoring, and assisting in facilitating a control program	Resources allocated to mapping, monitoring, and assisting with a control program	As required.	There have been no reported invasive insect outbreaks on the Mistik or L&M FMA in 2024/25
Conformance with the Tactical Plan			
With respect to independent operators, Mistik will collaborate with Saskatchewan Ministry of Environment to obtain annual records.	Independent operator "report" (geospatial and attribute data) provided to Mistik by the ministry on an annual basis. Independent operator harvest area records retained in Mistik's GIS system.	Annual implementation and reporting (August 31).	Independent operator report for 2024/25 was provided to Mistik on February 14, 2025.

Additionally, the status of Mistik's 2019 FMP approval conditions, is as follows.

Mistik 2019 20-Year Forest Management Plan Approval Conditions	
Condition	**Current Status**
(a) Proceed with the development in accordance with the FMP	Implementation of the FMP began effective April 1, 2019.
(b) Provide notification of any changes	No notifications of changes have been submitted to the ministry as of the submission of this annual report.
(c) Follow the requirements of *The Forest Resources Management Act,* other laws, and the Saskatchewan Environmental Code	Results are reported annually and can be found in Section 6.2.4.

Mistik 2019 20-Year Forest Management Plan Approval Conditions	
Condition	**Current Status**
(d) Adapt the FMP based on the direction provided by the Range Plan for Woodland Caribou in Saskatchewan	The plan amendment was submitted to the ministry for review in January 2023 and was approved effective April 1, 2023.
(e) Adapt Silvicultural Ground Rules as better knowledge becomes available	This was done as part of the amendment submitted to the ministry in January 2023.
(f) Complete a study to assess average historical fire-cycle on the Mistik Management Ltd. and L&M Wood Products (2018) Limited Partnership FMA areas within seven years of this approval	Mistik will not be seeking a variance from the provincial FMP standard for natural forest pattern targets in the next forest management plan therefore, the study is not required.
(g) Complete a study to assess species specific softwood sawlog degrade factors on the Mistik Management Ltd. and L&M Wood Products (2018) Limited Partnership FMA areas within seven years of this approval	This study is no longer required. The Forest Service has verified that a study will be initiated by the province for all large-volume licensees.

6.2.3 Silviculture Effectiveness Monitoring

Status of regenerated areas. All renewal activity and regeneration survey data are provided to the ministry annually through the Forest Data Submission Standard process. See also Target #9 (“Post-Harvest Areas are Successfully Regenerated”), as well as Silviculture Effectiveness Indicators #1-3, located in Appendix A.

Areas where strategies and implementation techniques are inadequate or need improvement. Mistik and L&M have a very high success rate of harvested blocks achieving required Free to Grow status (see Target #9 Post Harvest Areas are Successfully Regenerated). Strategies to improve the regeneration in any “not sufficiently regenerating” (NSR) areas are provided in Mistik’s annual operating plans. Currently all NSR areas are due to fires that occurred in 2015 and 2021. These The 2015 fire areas have had field inspections and are showing good signs of natural regeneration of both hardwood and softwood in the burned areas. The 2021 fire areas are showing good regeneration of hardwood and moderate regeneration of softwood. Mistik did some white spruce planting in 2024 in the Helene Fire (2021). They are scheduled for a Free-to Grow re-survey in 2029.

There are no indications that Mistik or L&M should change the methods used for regenerating harvested areas at this time.

Polygons are on the yield trajectories that are identified in the associated SGR. Silviculture effectiveness indicators can be found in Appendix Section A5. These indicators measured observed Free-to-Grow surveys against thresholds identified in Table 14-2 of the Mistik 2019 20-Year Forest Management Plan – Silviculture Ground Rules. These silviculture indicators show that the regenerating mixedwood areas surveyed had both hardwood and softwood densities well above the targets set in the SGRs (Silviculture Effectiveness Indicators #1 and #2). Furthermore, both softwood and hardwood heights in all regenerating areas surveyed were well above the thresholds determined in the SGRs (Silviculture Effectiveness Indicators #3 and #4). It can be determined based on these indicators that the areas surveyed were either consistent with, or exceeding, the trajectories assumed in the Silviculture Ground Rules.

Assumptions in the forest estate modelling. The Silviculture Ground Rules provide assumptions and thresholds for regenerating stand performance used in the Forest Estate Modelling. Performance relative to these thresholds can be found in Appendix Section A5 (see section iii. above for more information). Additionally, FMP Indicators #5, #6, and #9 provide further verification of Forest Estate Modelling assumptions, including whether a.) the softwood component of regenerating stands is maintained, b.) regenerating area is projected to meet targets for future forest composition, and c.) regenerating area meets stocking requirements.

Renewal tracking log. Mistik tracks renewal using several tools including the GIS system and regeneration survey database. All renewal activity and survey data are provided to the ministry annually through the Forest Data Submission Standard process. The data provided includes year of harvest, size of area harvested, renewal treatment applied (planting, leave for natural, site preparation, etc.), and regeneration survey results. NSR area renewal strategies are addressed in Mistik's annual operating plans.

Pre-harvest cover species group and projected SGR classification for all blocks with a Free-to-Grow survey are also provided in the Supplementary Data submission for Indicator #6.

6.2.4 Operational Implementation of the FMP

The following table summarizes non-compliances in 2024/25. Note that Mistik inspections may include items not in compliance with internal administrative processes.

Mistik 2024-2025 Annual Report – Non-Compliances									
Target #/Activity	Mistik Inspection Data			Ministry Identified Non-Compliances (Enforcement Action Taken)					
	# of Inspections	# In Compliance	Not in Compliance	Total Items Non-Compliant	No Action Taken	Voluntary Compliance Opportunity	Notice of Violation	Stop Work Order	Administrative Penalty
Target #14 (Utilization)	8	8	0	0	0	0	0	0	0
Target #16 (Harvesting)	252	237	15	5	4	1	0	0	0
Target #17 (Crossings)	42	40	2	3	0	2	1	0	0
Other - Camps*	Incl. with #16	N/A	N/A	0	0	0	0	0	0
Other - EMS	8	8	0	N/A	N/A	N/A	N/A	N/A	N/A
Other - Roads*	Incl. with #16	N/A	N/A	0	0	0	0	0	0
Total	**310**	**293**	**17**	**8**	**4**	**3**	**1**	**0**	**0**

*Ministry data has included any non-compliance items in the "VOIT#16 Harvest" category

Non-compliances are either identified through a ministry inspection, or they are self-reported by Mistik to the ministry upon discovery. The following actions were taken to address these non-compliances.

In 2024/25, the ministry identified the following non-compliances:

Five non-compliances related to harvest operations (VOIT #16 – Harvesting Compliance):

- A harvest inspection was completed at a contractor's camp. Three non-compliances were identified for cleanup that was needed in the camp area. The cleanup was done and no further action by Mistik was required.

- Mistik self-reported that a class 3 road deviated more than the allowable 100m within a harvest block. A voluntary compliance opportunity was issued to Mistik that required additional operator training. The training was completed.
- Mistik self-reported that approximately 60 seedlings were planted in a block that was not identified in the operating plan as an approved planting area. The seedlings were planted by a tour group of students and the planted area is approximately 30m x 30m. Weather (access) conditions did not allow for planting in the original area selected. The area was suitable for the spruce trees planted. A non-compliance was issued to Mistik but no follow-up was required.

Three non-compliances related to watercourse crossings (VOIT #17 – Watercourse Crossing Compliance):

- Mistik self-reported a crossing washout. A voluntary compliance opportunity was issued and the crossing was reclaimed and erosion control was installed.
- A crossing inspection found that a culvert was not installed at the correct embedment depth. A voluntary compliance opportunity was issued and the culvert was reinstalled to the correct depth.
- A notice of violation was issued for a crossing requiring repair/maintenance. The outlet section of the culvert was damaged (collapsed). The damaged section of culvert was replaced and crossing maintenance was done.

No non-compliances were found related to utilization (VOIT #14) in 2024/25.

APPENDIX A: SUPPORTING DATA

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A1. HARVESTED BLOCK SUMMARY

The following table lists the harvested blocks included in this report.

Table A 1 Mistik Harvested Blocks (2024-2025)

Mistik 2024/25 Harvested Blocks					
Opening Number	**Operating Year**	**Area (ha)**	**Opening Number**	**Operating Year**	**Area (ha)**
01012015	2024-25	102.9	**04017031**	2024-25	26.2
01013060	2024-25	136.7	**04023027**	2024-25	87.9
01013061	2024-25	222.5	**04039001**	2024-25	68.8
01013069	2024-25	163.2	**04042008**	2024-25	154.6
01015029	2024-25	80.9	**04042012**	2024-25	73.5
01026003	2024-25	139.1	**07013073**	2024-25	110.0
01026004	2024-25	23.8	**07013074**	2024-25	148.2
01032009	2024-25	180.6	**07014009**	2024-25	98.8
01048889	2024-25	12.2	**07014084**	2024-25	32.7
02013023	2024-25	239.8	**08018013**	2024-25	114.1
02014054	2024-25	77.1	**12013025**	2024-25	251.6
02014055	2024-25	333.0	**85004078**	2024-25	6.4
03004012	2024-25	96.8	**85004079**	2024-25	26.8
03004014	2024-25	205.7	**85004080**	2024-25	27.6
04010055	2024-25	127.6	**85006070**	2024-25	119.1
04017008	2024-25	109.4	**85009059**	2024-25	67.2
04017016	2024-25	66.9	**85009061**	2024-25	77.7
04017018	2024-25	80.3	**85010011**	2024-25	71.9
Total					**3,962.0**

A2. PLANNING UNITS (MAP)

Planning Units



A3. MANAGEMENT UNITS (MAP)

Management Units



A4. REGISTER OF PUBLIC CONCERNS

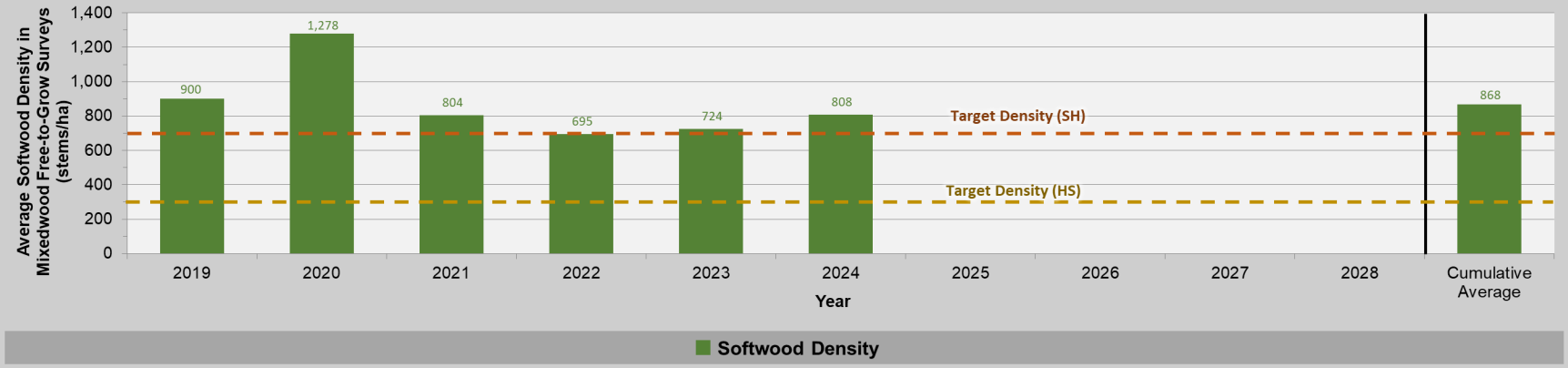
Table A 2 Summary of Mistik Completed Harvest Events (2024-2028)

Mistik 2019 20-Year Forest Management Plan							
Register of Issues and Concerns related to the Mistik or L&M FMA							
No.	Name and Affiliation	Community Affiliation	Forum and Date	Issue Raised	Mistik Response and Proposed Action Plan	Completion Date of Proposed Action	Other Comments

***Note: There were no new additions to the register of public concerns in 2024**

A5. SILVICULTURE EFFECTIVENESS INDICATORS

Silviculture Indicator #1	Average Softwood Density in Mixedwood Blocks (14 Years Post-Harvest)	Reporting Cycle	Annual

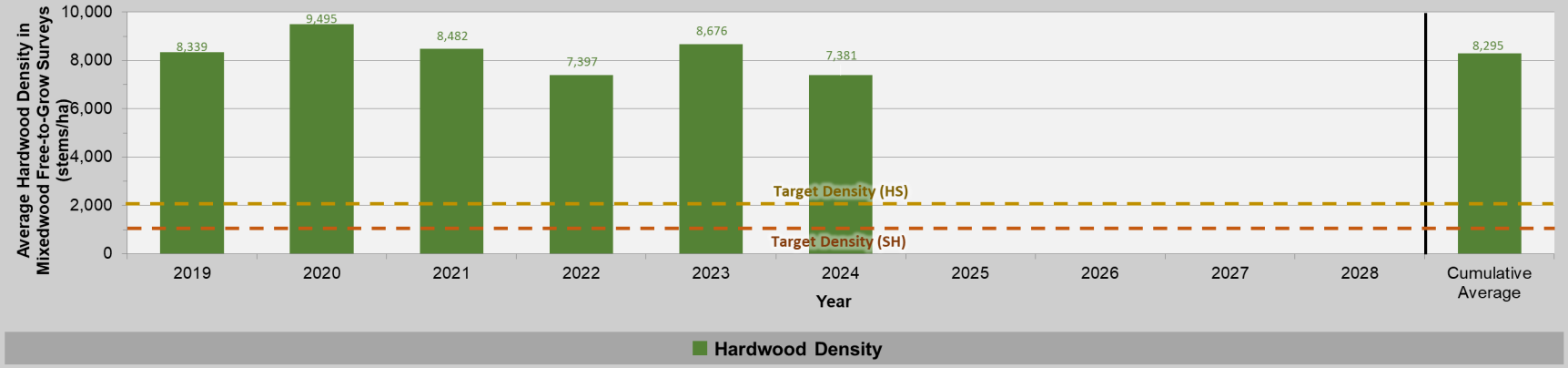


Category	Year of Measurement										Cumulative Average
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Average Softwood Density (stems/ha)	900	1,278	804	695	724	808					**868**

Comments

- Surveys reported include any Free-to-Grow surveys conducted in 2023 that were assigned a projected mixedwood SGR classification (SH or HS) at rotation age. See Target #6 for more information.
- Densities of 300 stems/ha and 700 stems/ha are provided as target softwood density thresholds for HS and SH stands, respectively, in Mistik's 2019 20-Year FMP Silviculture Ground Rules.

Silviculture Indicator #2	Average Hardwood Density in Mixedwood Blocks (14 Years Post-Harvest)	Reporting Cycle	Annual



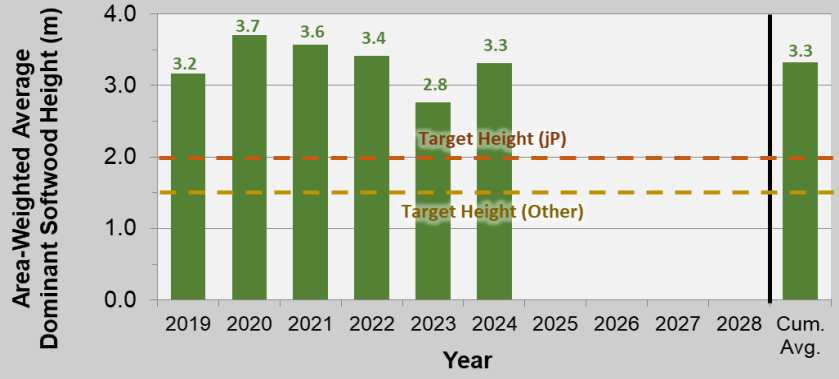
Category	Year of Measurement (Stems/ha)										Cumulative Average
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Average Hardwood Density	8,339	9,495	8,482	7,397	8,676	7,381					**8,295**

Comments

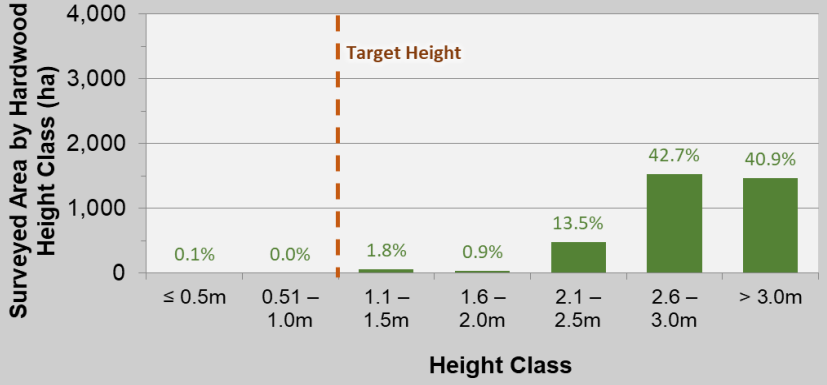
- Surveys reported include any Free-to-Grow surveys conducted in 2023 that were assigned a projected mixedwood SGR classification (SH or HS) at rotation age. See Target #6 for more information.
- Densities of 1,000 stems/ha and 2,000 stems/ha are provided as target hardwood density thresholds for SH and HS stands, respectively, in Mistik's 2019 20-Year FMP Silviculture Ground Rules.

Silviculture Indicator #3	Average Softwood Tree Heights (14 Years Post-Harvest)	Reporting Cycle	Annual

Average Softwood Height



Area by Softwood Height Class



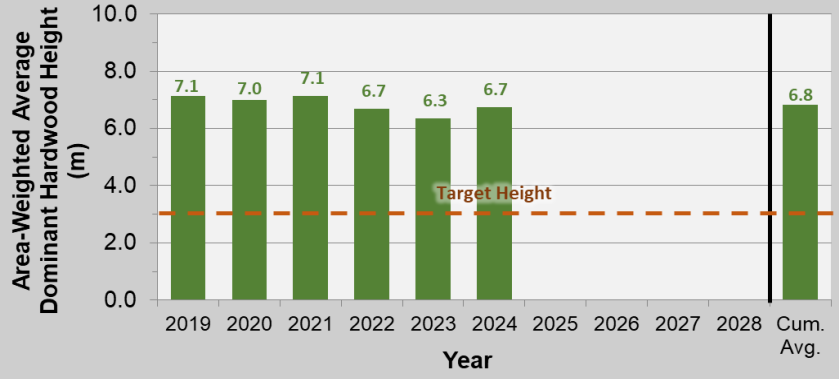
Softwood Height Class	Year of Measurement										Cumulative Average
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
% Area ≤ 0.5m	0%	0%	0%	0%	0%	1%					**0.1%**
% Area 0.51 – 1.0m	0%	0%	0%	0%	0%	0%					**0.0%**
% Area 1.1 – 1.5m	0%	0.5%	2.4%	0%	13.5%	0%					**1.8%**
% Area 1.6 – 2.0m	0.8%	0%	0%	1.8%	1.7%	4.9%					**0.9%**
% Area 2.1 – 2.5m	13.8%	24.9%	6.5%	4.7%	11.2%	14.3%					**13.5%**
% Area 2.6 – 3.0m	57.1%	26.4%	43.3%	39.3%	66.6%	16.2%					**42.7%**
% Area > 3.0m	28.4%	48.3%	47.8%	54.2%	7.1%	63.5%					**40.9%**
Area-Weighted Average Height (m)	3.2	3.7	3.6	3.4	2.8	3.3					**3.3**

Comments

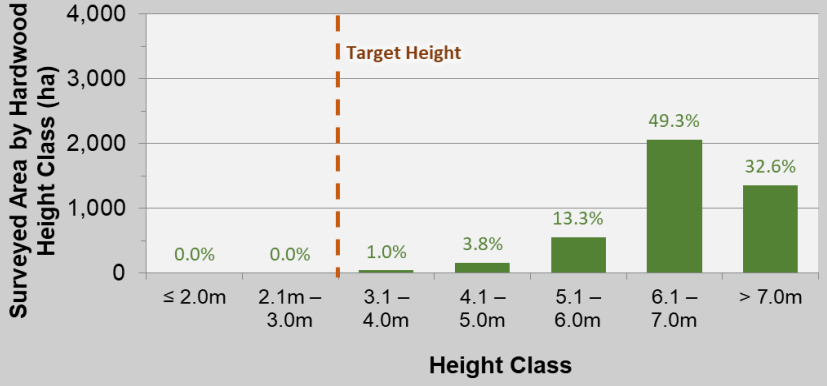
- Softwood heights refer to the average height of the dominant softwood species within a surveyed area.
- Heights of 2m and 1.5m are provided as target heights for Jack Pine and other softwood species, respectively, in Mistik's 2019 20-Year FMP Silviculture Ground Rules.

Silviculture Indicator #4	Average Hardwood Tree Heights (14 Years Post-Harvest)	Reporting Cycle	Annual

Average Hardwood Height



Area by Hardwood Height Class



Hardwood Height Class	Year of Measurement										Cumulative Average
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
% Area ≤ 2.0m	0%	0%	0%	0%	0%	0.4%					**0%**
% Area 2.1 – 3.0m	0%	0%	0%	0%	0%	0%					**0%**
% Area 3.1 – 4.0m	0%	0%	0%	1.4%	3.2%	0.3%					**1.0%**
% Area 4.1 – 5.0m	1.6%	2.0%	0.8%	11.2%	11.8%	3.8%					**3.8%**
% Area 5.1 – 6.0m	14.7%	12.3%	12.7%	14.5%	10.8%	14.2%					**13.3%**
% Area 6.1 – 7.0m	39.4%	55.8%	36.1%	43.0%	69.3%	69.9%					**49.3%**
% Area > 7.0m	44.4%	29.9%	50.5%	29.9%	4.8%	11.3%					**32.6%**
Area-Weighted Average Height (m)	7.1	7.0	7.1	6.7	6.3	6.7					**6.8**

Comments

- Hardwood heights refer to the average height of the dominant hardwood species within a surveyed area.
- A height of 3m is provided as a target for hardwood species in Mistik's 2019 20-Year FMP Silviculture Ground Rules.

A6. HARVEST EVENTS (SUMMARIES)

The tables below indicate the status of harvest events on the Mistik FMA as of the 2024/25 operating year.

The following figure illustrates the process used to generate the boundaries of harvest events.

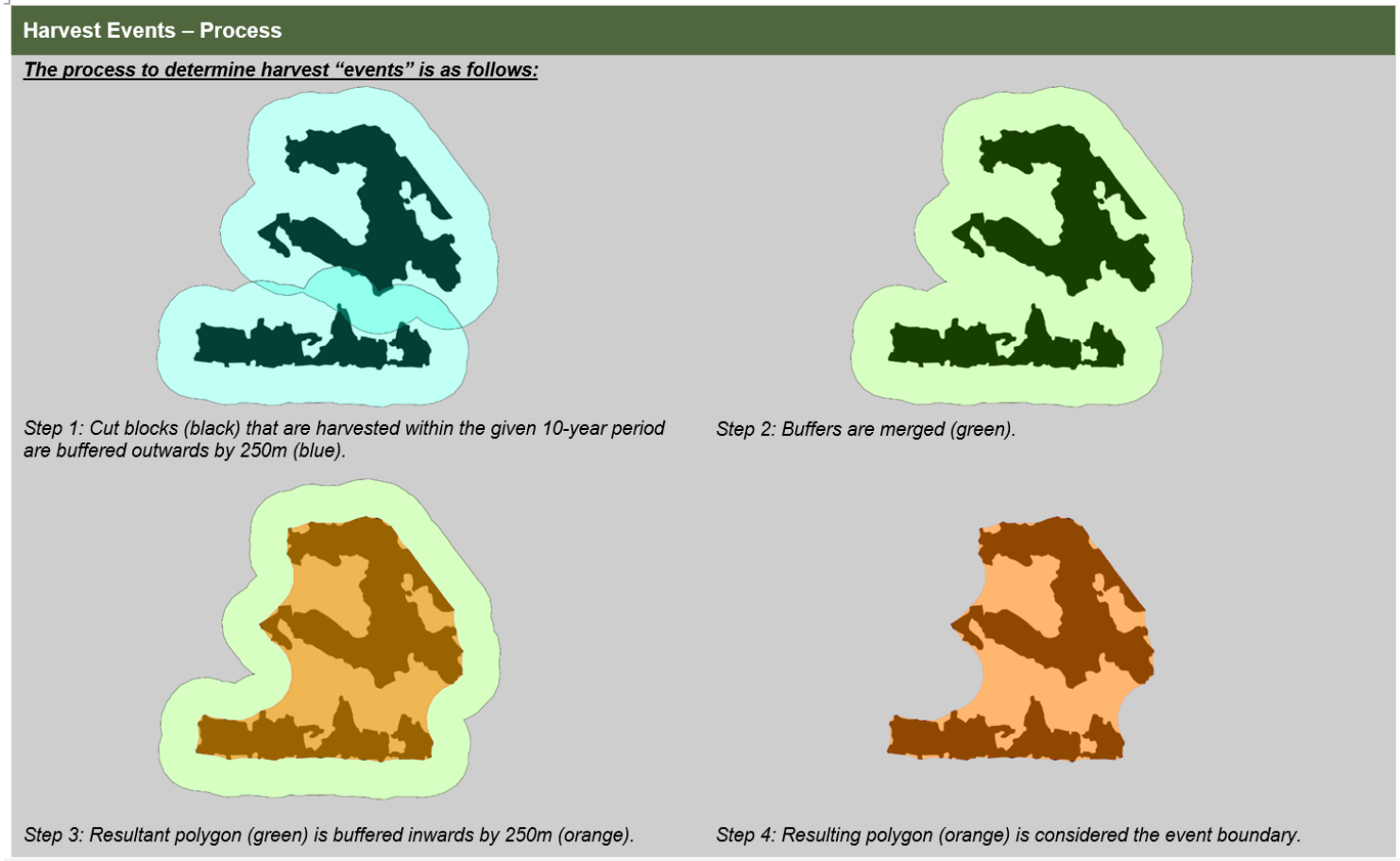
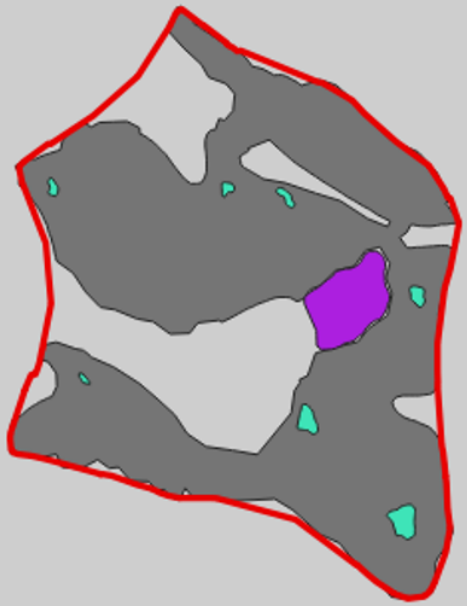


Figure A 1 Workflow harvest event process.

Retention in events completed in operating years 2019/20 to 2023/24 were measured using the criteria as outlined in the 2017 Forest Management Planning Standard. The process is shown below.

Harvest Event Retention – Process

The process to determine retention within harvest events is as follows:



Harvest cut block (grey) boundaries are generated manually using high-resolution photography to complete cutover updates after harvest. Event boundaries (red) are generated using the buffering rules as per the FMP standard (described above). Polygons of insular (green) and proximal (purple) retention are generated manually by reviewing cutover update photography, pre-harvest photography, SFVI inventory, merchantability layers, and other spatial data as required using GIS software.

"Retention" for this process is defined as un-harvested area that meets the following criteria:

a.) Within the harvest event boundary (red), both inside and outside of cut block boundaries (grey).

b.) Contains standing timber that is reasonably representative of that harvested within the surrounding cut block(s).

c.) Is otherwise harvestable based on ground conditions, topography, and any other operational factors (e.g., is not overly wet, steep, etc.).

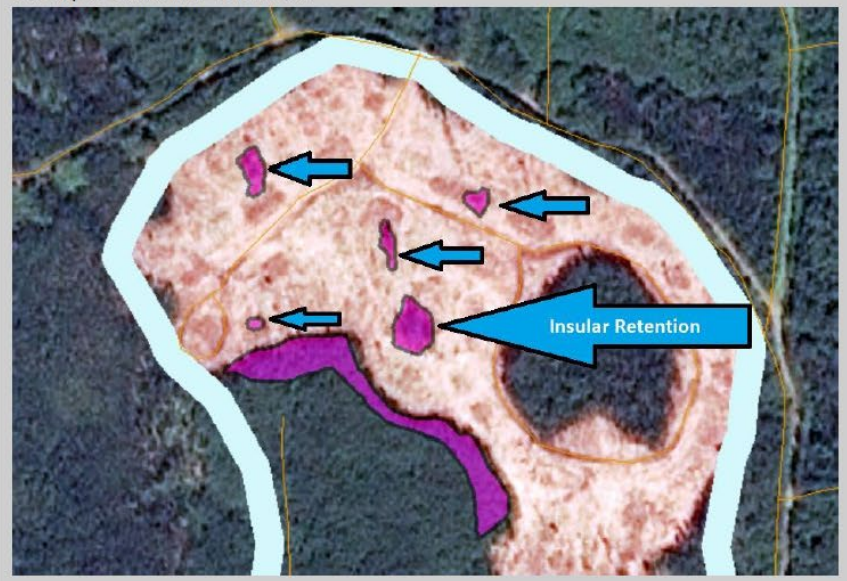
d.) Meets all other requirements for retention as per Mistik's 2019 Forest Management Plan and all other operational requirements.

"Insular" retention is defined as those patches within a harvest event that also fall within a harvested cut block boundary.

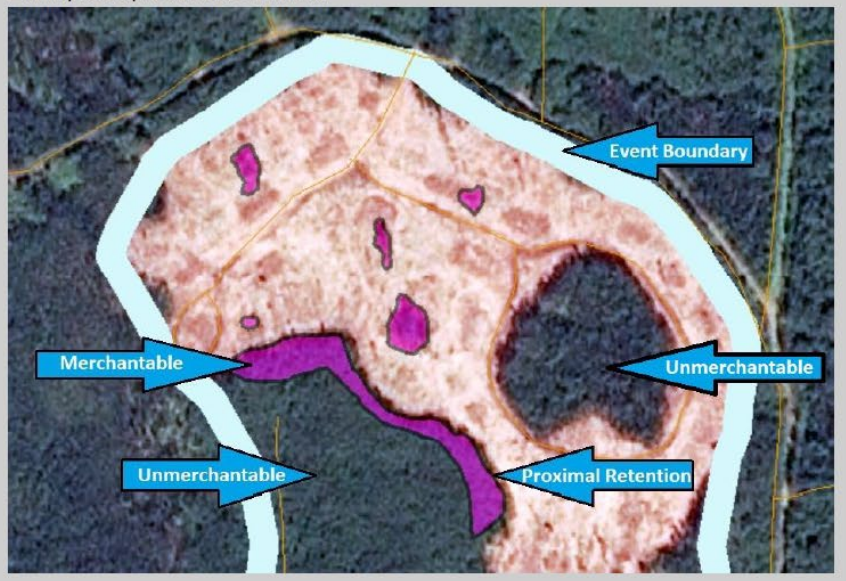
"Proximal" retention is defined as the patches that are adjacent to and/or not within a harvested cut block boundary.

Figure A 2 Workflow Retention Process

Example of insular retention:



Example of proximal retention:



Note that while this process is completed manually for harvest events in the 2022/23 timber year, Mistik is currently developing methodology to complete this retention delineation in a partially or fully automated manner, using updated inventory data.

Figure A 3 Workflow Insular and proximal retention processes.

In 2023, the *Forest Management Planning Standard* was revised. Beginning with the 2024/25 operating year, all events that are currently open will be measured based on the criteria outlined in the 2023 revised standard (shown in figure A 4 below).

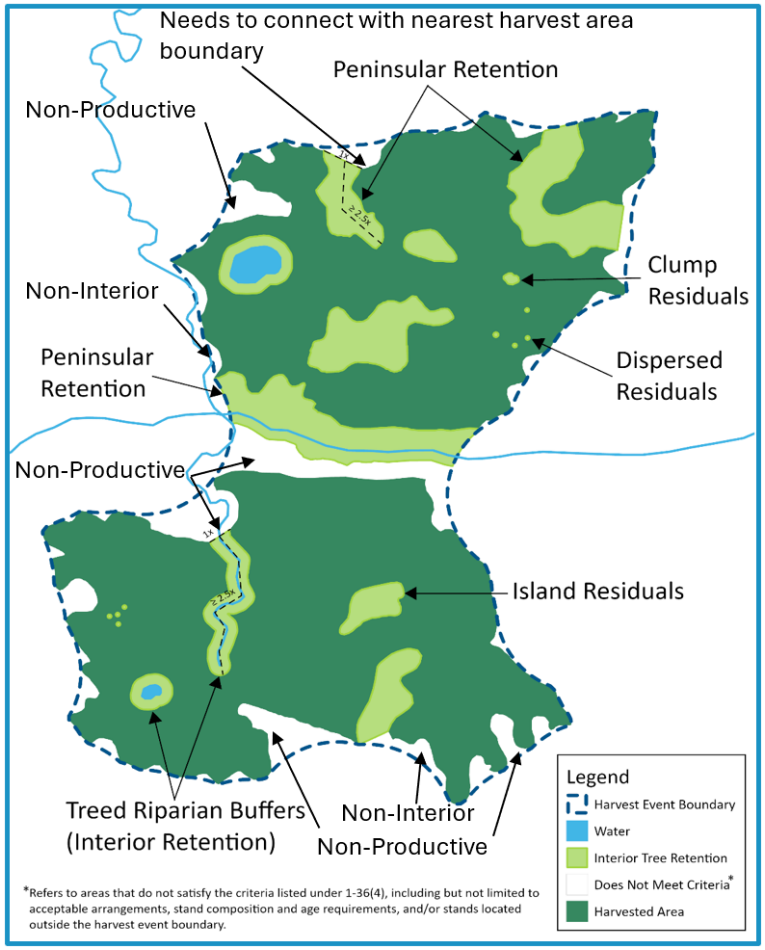


Figure A 4 Revised workflow retention process (Source: Ministry of Environment, Forest Service Branch)

Additionally, the following tables summarize the number of completed events, and details of each event, including in-progress events. Note that these are updated on an annual basis based on actual harvest boundaries and observed activities, and that all harvested areas reported only include area operated under Mistik's 2019 Forest Management Plan (i.e., harvested in the 2019/20 operating year or later).

Table A 3 Summary of Mistik Completed Harvest Events (2024-2028)

Mistik 2019-2028 Harvest Events (Summary)		
Year	**Events Completed (#)**	**% Events Completed in 10 Years or Less**
2019	0	N/A
2020	3	100%
2021	6	100%
2022	6	100%
2023	1	100%
2024	2	100%
2025		
2026		
2027		
2028		
Total	**16**	**100%**

Table A 4 Mistik Completed Harvest Events (2019-2024)

Mistik 2019-2024 Completed Harvest Events												
Event No.	General Area	Status	OP Year Event Started	OP Year Event Completed	Total Years Open	Area Harvested* to Date (ha)	Planned (T1/T2) Harvest Area (ha)	Completed Events			
								Total Area (ha)	Harvested Area (ha)	Total Retention %	Insular Retention %
TA058	Rat Lake	Closed	2017/18	2020/21	3*	1,663.7	1,900.1	2,172.7	1,663.7	4.8%	1.5%
TA249	Booth Bay Road	Closed	2019/20	2020/21	1	60.3	67.6	100.7	60.3	7.9%	1.2%
TA252	Booth Bay Road	Closed	2019/20	2020/21	1	16.9	18.5	23.6	16.9	6.9%	1.4%
TA276	Keeley River Crossing	Closed	2019/20	2021/22	2	134.2	173.4	223.6	134.2	5.1%	1.8%
TA282	Beauval Pastures	Closed	2019/20	2021/22	2	189.6	229.0	352.7	189.6	8.0%	4.1%
TA002	Helene West	Closed	2020/21	2021/22	1	53.5	76.1	93.6	53.5	3.8%	1.1%
TA055	Lavalle	Closed	2020/21	2021/22	1	84.4	84.2	91.8	84.4	6.9%	3.6%
TA150	Musk Creek	Closed	2020/21	2021/22	1	38.7	52.4	56.2	38.7	5.4%	2.0%
TA271	Pringle Lake	Closed	2020/21	2021/22	1	83.1	98.8	117.2	83.1	5.2%	0.6%
TA115a	9 Mile Pine	Closed	2019/20	2022/23	3	996.0	1,236.1	1,382.8	996.0	12.4%	2.4%
TA030	Divide South	Closed	2021/22	2022/23	1	43.5	44.0	60.5	43.5	15.1%	4.3%
TA107	Waterhen Cut-Across	Closed	2022/23	2022/23	1	88.3	108.2	101.1	88.3	14.3%	2.5%
TA274	Pringle Lake	Closed	2022/23	2022/23	1	53.4	67.8	66.2	53.4	11.7%	2.8%
TA296	Canoe Lake West	Closed	2022/23	2022/23	1	199.2	214.2	228.3	199.2	9.9%	9.3%
TA901	Sulby Creek South	Closed	2022/23	2022/23	1	73.0	0.0	95.6	73.0	19.6%	1.7%
TA007	Helene North	Closed	2020/21	2023/24	3	71.8	1,348.9	122.6	71.8	3.4%	3.3%
TA054	Lavallee	Closed	2024/25	2024/25	1	177.2	292.1	260.7	177.2	12.7%	N/A
TA298	Amyot Lake West	Closed	2024/25	2024/25	1	108.2	2,301.7	176.0	108.2	6.6%	N/A

Notes:

- *Area harvested refers only to blocks harvested in the 2019-2020 operating year or later (*Harvest under the current tactical plan from 2017 and 2018 has been included in event TA058, however this is an exception and normally only blocks harvested in the 2019/20 operating year or later are considered).*
- *In some cases, the cut blocks within an event may be completed, however reclamation/renewal may be outstanding.*

- *Events labelled as "a/b/c/etc." (e.g., TA115a) are split from the original planned event (TA115). Events starting with 9 (e.g., TA901) did not originally exist in the tactical plan and consist partially or completely of non-tactical area.*
- *Events TA054 and TA298 (starting in Year 2024-25) apply the updated retention calculation methodology, in line with the approved change for this indicator."*

Table A 5 Mistik In-Progress Harvest Events (2024-2028)

Event No.	General Area	Status	OP Year Event Started	Area Harvested* to Date (ha)	Planned (T1/T2) Harvest Area (ha)	In Progress Event			
						% Harvested	Not Harvested (ha)	Current Duration (Years)	Estimated Duration (Years)
TA005	Helene South	Open	2019/20	571.8	2,711.9	21%	2,140.1	6	15
TA026	Burness East	Open	2019/20	1,743.0	9,055.7	19%	7,312.7	6	20
TA039	Scorcher West	Open	2019/20	717.0	1,447.4	50%	730.4	6	10
TA042	Divide/L&M	Open	2019/20	3,442.8	28,213.0	12%	24,770.2	6	20
TA108	Gravel Ridge	Open	2019/20	805.2	3,921.3	21%	3,116.0	6	20
TA118	Gold Lake	Open	2019/20	1,790.3	8,127.1	22%	6,336.7	6	20
TA151	Horseshoe Lake	Open	2019/20	437.6	6,498.3	7%	6,060.7	6	20
TA158	Musk Creek	Open	2019/20	105.7	385.1	27%	279.4	6	10
TA162	Martineau South	Open	2019/20	11.9	20.7	57%	8.8	6	10
TA168	Martineau South	Open	2019/20	527.0	1,411.0	37%	884.0	6	10
TA177	Mallard	Open	2019/20	683.3	4,556.4	15%	3,873.0	6	20
TA209	Low Creek	Open	2019/20	1,810.3	3,471.7	52%	1,661.4	6	15
TA004	Moose Country	Open	2020/21	31.0	776.2	4%	745.2	5	10
TA022	Divide South	Open	2020/21	573.7	2,954.5	19%	2,380.8	5	15
TA025	Divide South	Open	2020/21	309.1	830.1	37%	521.1	5	10
TA129	Waterhen Cut-Across	Open	2020/21	296.7	968.4	31%	671.6	5	10
TA141	Porcupine Lake	Open	2020/21	795.6	1,632.1	49%	836.5	5	15
TA237	McCallum Lake	Open	2020/21	155.7	1,455.6	11%	1,299.9	5	10
TA260	Beauval Mistletoe	Open	2020/21	1,060.0	4,735.2	22%	3,675.1	5	20
TA262	Keeley Portage	Open	2020/21	277.1	4,158.6	7%	3,881.5	5	20

Event No.	General Area	Status	OP Year Event Started	Area Harvested* to Date (ha)	Planned (T1/T2) Harvest Area (ha)	In Progress Event			
						% Harvested	Not Harvested (ha)	Current Duration (Years)	Estimated Duration (Years)
TA263	Booth Bay Road	Open	2020/21	65.9	228.9	29%	163.0	5	10
TA044	Old Scorcher North	Open	2021/22	650.9	856.2	76%	205.3	4	10
TA050	Hunting Lake North	Open	2021/22	246.6	1,678.8	15%	1,432.2	4	15
TA128	Green Grass Lake	Open	2021/22	139.9	563.1	25%	423.2	4	10
TA149	Cold Lake	Open	2021/22	206.8	346.6	60%	139.8	4	10
TA245	Gold Creek	Open	2021/22	101.3	153.2	66%	51.9	4	10
TA254	Booth Bay	Open	2021/22	210.9	494.5	43%	283.7	4	10
TA273	Beauval Mistletoe	Open	2021/22	88.6	491.1	18%	402.5	4	10
TA311	Grubb Lake	Open	2021/22	70.8	533.0	13%	462.2	4	10
TA011	Helene North	Open	2022/23	22.9	136.9	17%	113.9	3	10
TA133	Maynard	Open	2022/23	253.5	4,464.6	6%	4,211.0	3	20
TA218	Jumbo North	Open	2022/23	424.8	1,072.3	40%	647.4	3	10
TA051	Hanley	Open	2023/24	208.1	487.3	43%	279.2	2	10
TA112	Yamaha Lake	Open	2023/24	29.2	574.4	5%	545.2	2	10
TA200	Spruce Creek	Open	2023/24	485.6	3,876.4	13%	3,390.7	2	20
TA132	Tatukose Lake	Open	2024/25	333.0	1,141.2	29%	808.2	1	10
TA175	Tatukose Lake North	Open	2024/25	239.8	950.5	25%	710.7	1	10
TA215	Jumbo North	Open	2024/25	245.2	461.6	53%	216.4	1	10
85004078 (*)	Divide South	Open	2024/25	6.4	N/A	N/A	N/A	1	10
01048889 (*)	Four-Mile Creek	Open	2024/25	12.2	N/A	N/A	N/A	1	10
01013069 (*)	Hunting Lake South	Open	2024/25	163.2	N/A	N/A	N/A	1	10

(*) There are 3 harvested blocks on the AOP 2024 that are not within the Tactical Events Boundaries. These blocks are adjacent to the TA042 and might be integrated into this event in the future.

A7. HARVEST EVENTS (MAPS)

Two events were completed in 2024/25, TA054 and TA298. One of the events (TA298) was unique in that only one block had been harvested before the entire remaining event area was burned. This event is not necessarily representative of Mistik's strategies with respect to retention or harvest patterns as it was no completed in its entirety prior to being burned at the time of annual report submission, Mistik only had access to a winter (leaf off), cutover update image. Mistik will acquire a leaf-on image in late May of 2026 and will update the event background map at that time. Retention areas will be more visible on the summer/leaf-on image.

Maps are provided below for the following events completed in 2024/2025:

- TA054
- TA298

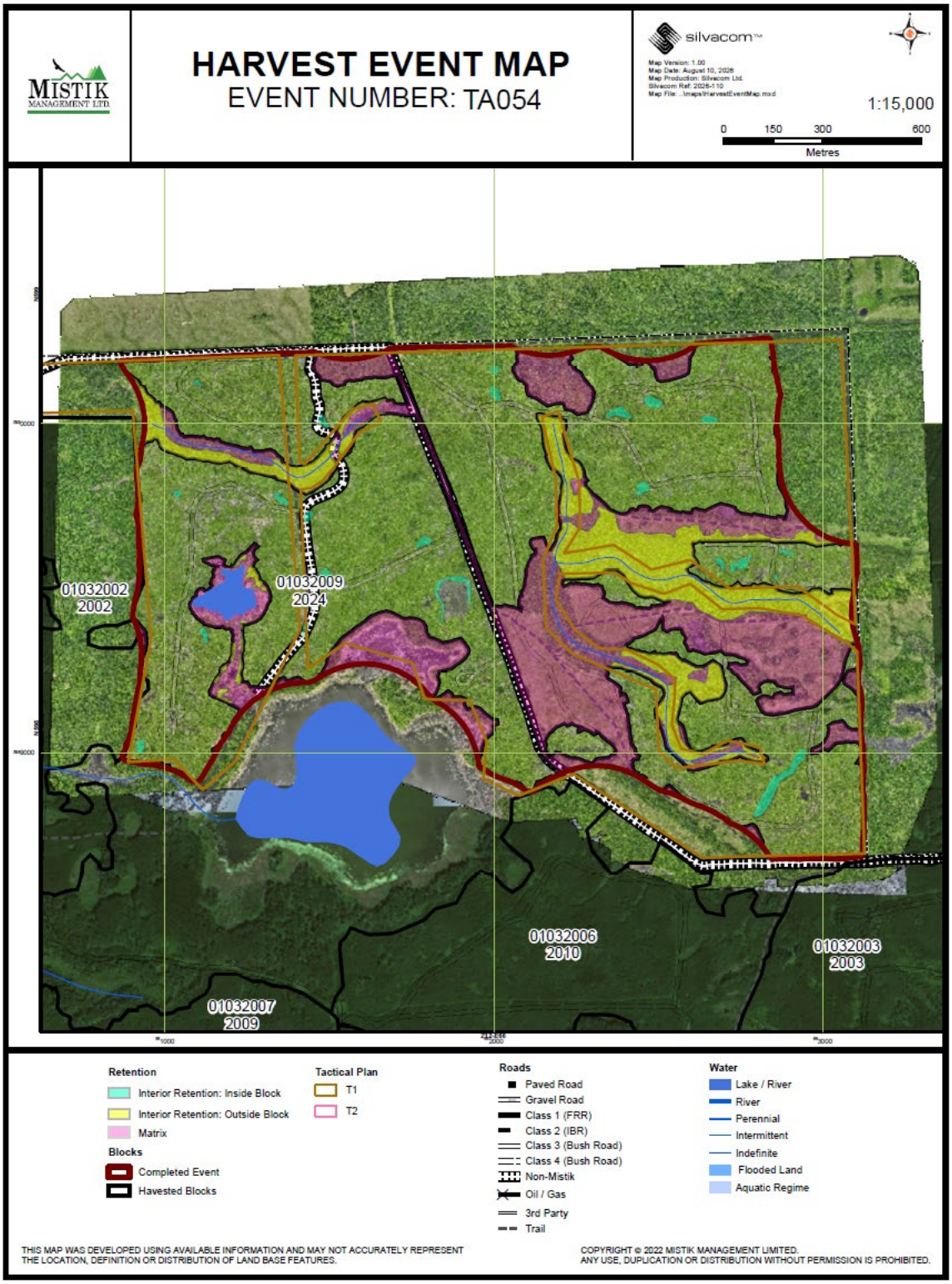


Figure A 5 - 2024/2025 Harvest event (TA054)

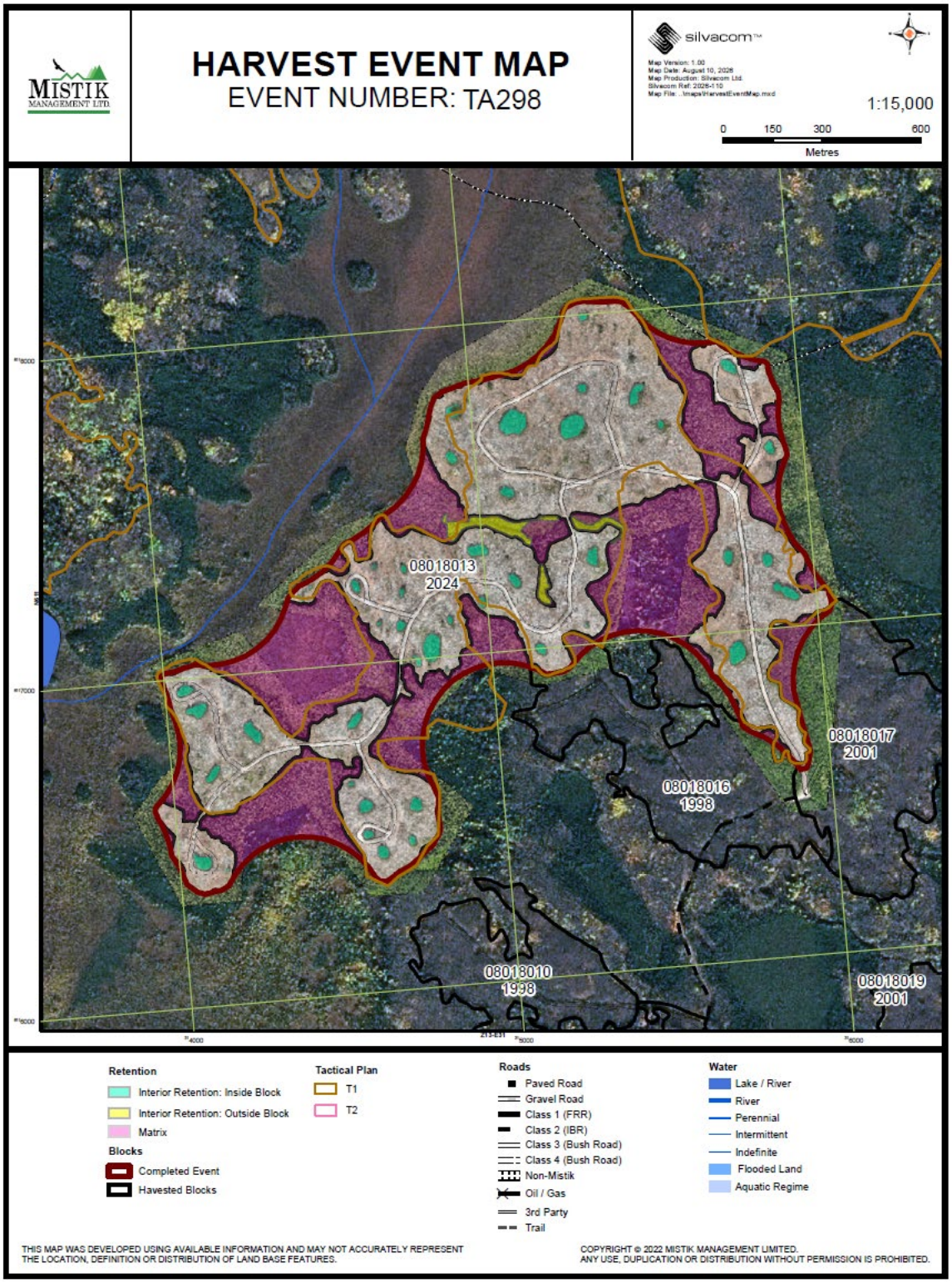


Figure A 6 - 2024/2025 Harvest event (TA298)