

FMP- 10 Assessment of Objective Achievement

| | | | | | | LTMD Projection | | | Assessment |
|---|--|--|-----------------------|--------------------------------|----------------------|------------------|-------------------|------------------|---|
| Management Objective | Indicator | Plan Start Level | Desired Level | Timing of assessment | Target | Short (10 years) | Medium (20 years) | Long (100 years) | |
| Management Objective 1. To create a forest landscape condition which provides an adequate amount and distribution of caribou habitat within the continuous and discontinuous caribou zones consistent with the Boreal Landscape Guide. | 1.1 Continuous zone - Area of winter suitable habitat (CAR_S) | 20,217 Ha | 18,908 Ha - 22,238 Ha | LTMD | Maintain | 17,873 | 17,951 | 17,785 | The desired level is never achieved. This is caused by the constraints on minimum harvest levels specified in the DCHS. |
| | 1.2 Continuous zone - Area of mature conifer (CAR_C) | 6,168 Ha | 6,955 Ha - 11,836 Ha | LTMD | Increase | 6,357 | 5,212 | 3,252 | The desired level is never achieved. This is caused by the constraints on minimum harvest levels specified in the DCHS. |
| | 1.3 Continuous zone - Texture of caribou winter suitable habitat. (Proportion of 6k hexagons in >=75% texture classes) | 0.273 | 0.48 | LTMD, Proposed Ops, Draft Plan | Increase | 0.181 | NA | NA | The desired level will not be achieved. Planned operations (v97) causes movement away from the desired level. however, the harvest pattern is consistent with the DCHS created in the 2011 plan. It is expected that the texture indicator will improve as the DCHS is implemented in future planning terms. |
| | 1.4 Continuous zone - Texture of caribou mature conifer habitat. (Prop. of 6k hexagons in >=28% texture classes) | 0.101 | 0.502 | LTMD, Proposed Ops, Draft Plan | Increase | 0.245 | NA | NA | The desired level will not be achieved, however, movement is caused towards the desired level over the 10-year term. The size of the continuous zone and is not conducive to causing movement towards texture based indicators. There is not enough area "online" to cause any more movement towards this indicator in the 10 year FMP. |
| | 1.5 Continuous zone - % successful regeneration to desired conifer forest unit for (PJ1, PJ2, SB1, SP1, LC1) | 0% | 100% | Year 10 Annual Report | >=90% | TBD | N/A | N/A | TBD. The success of this indicator will be evaluated in the 10-year Annual report |
| | 1.6 Continuous zone - Proportion of combined Pj, Sw, Sb in each of the pure conifer forest units. | LC1 - 0.44 PJ1 - 0.95 PJ2 - 0.88 SB1 - 0.87 SP1 - 0.86 | Maintain or increase | Year 10 Annual Report | Maintain or increase | TBD | N/A | N/A | TBD. This indicator will be assessed for the 10-year Annual report. Proportion of combined Pj, Sw and SB in conifer forest units are high at plan start. It will be a challenge to increase beyond the present levels at the time of assessment. |

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| Management Objective 1. To create a forest landscape condition which provides an adequate amount and distribution of caribou habitat within the continuous and discontinuous caribou zones consistent with the Boreal Landscape Guide. | 1.7 Continuous zone - Road densities of primary and branch roads): Kilometres of all-weather road/km2 of Crown Forest | 0.145 km/km2 | Maintain or decrease | Year 10 Annual Report | Maintain or decrease | TBD | N/A | N/A | Road density within the continuous zone is not expected to change much during the duration of the FMP. Due to the location of harvest and the requirements on renewal it will require travel via the full length of primary roads. Decommissioning is planned in this area, but can not occur until renewal activities are completed. These activities can take up to 10 years after harvest. |
| | 1.8 Discontinuous zone (Travel Corridor) - % Area of Combined (MOLC, IOP, MOC) | 15,193 ha / 41,225.35 | Maintain Desired | LTMD | Increase | 14,257 | 12,752 | 15,765 | The desired level is not achieved in the short (T2), medium (T3) terms due to the already high amount of achievement this indicator has at plan start. The dip between T2 and T6 is attributable to the harvest of forest area contributing to the caribou habitat, that will eventually contribute to caribou habitat again once it reaches the age of onset. After this initial period of rearrangement, the desired level is exceeded in (T11), and for the remainder of the planning horizon. |
| | 1.9 Discontinuous zone (Travel Corridor) Arrangement of harvest operations that provides the opportunity for increasing the patch sizes of connected conifer forest units of similar age classes. (Qualitative) | N/A | N/A | Proposed Ops, Draft Plan. | N/A | N/A | N/A | N/A | Selection of harvest areas process was conducted with regard for maintaining the opportunity for increasing patch sizes of connected conifer forest units of similar age classes. (refer to Analysis Package section 6.3.1 for further Detail). |
| | 1.10 Discontinuous zone (Corridor) - Kilometers of SFL primary, branch, and operational roads per square kilometer (km/km ²) | 0.97 | <= 0.97 | 10-year AR | Maintain or decrease | N/A | N/A | N/A | TBD. This indicator will be assessed for the 10-year Annual report. |

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| Management Objective 2. To direct forest management activities to maintain or enhance natural landscape structure, composition, texture and patch size that provide for the long-term health of forest ecosystems and associated wildlife species by applying the Boreal Landscape Guide. | 2.1 Area (ha) of immature and older pine (IOP) | 5,541 Ha | 10,953 ha - 22,378 ha | LTMD | Increase | 6,958 | 9,003 | 19,528 | The proposed management strategy causes movement towards the desired level in short (T2), and medium term (T3), and is achieved in the Long term (T11). |
| | 2.2 Area (ha) of immature and older hardwood and immature mixedwood (IOHIM) | 64,582 Ha | 54,013 ha - 76,670 ha | LTMD | Maintain | 65,457 | 65,387 | 60,963 | Achieved. IOHIM Area declines over the first 100 years, but remains within the IQR for the entire planning horizon. |
| | 2.3 Area (ha) of mature and older mixedwood (MOM) | 20,591 Ha | 35,212 ha - 52,522 ha | LTMD | Increase | 21,042 | 22,930 | 39,251 | The proposed management strategy causes movement towards the desired level in the short (T2) and medium terms (T3) until it is achieved in the Long term (T11) |
| | 2.4 Area (ha) of mature and older upland conifer (MOC) | 61,232 Ha | 29,983 ha - 44,076 ha | LTMD | Decrease | 47,802 | 35,940 | 37,657 | The proposed management strategy causes movement towards the desired level in short term (T2) and achieves it in the medium (T3) and Long term (T11). |
| | 2.5 Area (ha) of mature and older lowland conifer (MOLC) | 77,007 Ha | 65,805 ha - 109,848 ha | LTMD | Maintain | 71,753 | 67,876 | 69,158 | Achieved desired level in the short (T2), medium (T3), and long term (T11), however achievement decreases below the lower IQR for T4 -T10, T12, and T13. |
| | 2.6 Area (ha) of old growth (LATE) | 96,364 Ha | 73, 614 ha -100,255 ha | LTMD | Maintain | 113,080 | 110,625 | 83,678 | plan start levels are within the IQR, however T2 exceeds the upper IQR. levels decrease over T3 and T4 and achieve the IQR by T5. The desired level is achieved for the remaining terms, except T12. Pure jack pine and intolerant hardwoods all see a noticeable dip in their contribution to the old growth indicator during T5 to T9. All other forest units see some variation between terms. No forest unit is ever completely depleted of old growth at any point during the planning horizon. |
| | 2.7 Area (ha) of Red and White Pine | 46 Ha | Increase | LTMD | Increase | N/A | N/A | N/A | The projection of PWR over 150 years in the LTMD is not assessed as the area is incredibly small. Increases in PWR over the planning horizon will be achieved by identifying opportunities to increase these forest units during the implementation of the FMP. |

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| Management Objective 2. To direct forest management activities to maintain or enhance natural landscape structure, composition, texture and patch size that provide for the long-term health of forest ecosystems and associated wildlife species by applying the Boreal Landscape Guide. | 2.8 Area (ha) of Pine Conifer (P_CON) | 35,187 Ha | 30,013 ha - 54,287 ha | LTMD | Maintain | 34,671 | 32,671 | 35,367 | The proposed management strategy achieves the short (T2), medium (T3) and Long term (T11) desired levels. |
| | 2.9 Area (ha) of Upland Conifer (U_CON) | 115,820 Ha | 49,265 ha - 64,937 ha | LTMD | Decrease | 115,462 | 118,000 | 105,200 | The proposed management strategy causes movement towards the desired level in the short (T2) term however in the medium term (T3) movement is in the opposite direction. This is eventually corrected in T6 where consistent movement towards the desired level is maintained. This result is consistent with the scoping runs for this indicator. The Desired level is projected to be achieved in T20 |
| | 2.10 Area (ha) of Lowland Conifer (L_CON) | 107,913 Ha | 123,333 ha - 136,806 ha | LTMD | Increase | 107,907 | 107,939 | 108,499 | The proposed management strategy does not achieve the short (T2), medium (T3) and Long term (T11) desired level, however the current level is maintained throughout the planning horizon. |
| | 2.11 Area of Young Forest (YOUNG) | 121,453 Ha | 39,365 ha - 80,141 ha | LTMD | moves towards IQR | 122,310 | 120,164 | 89,704 | The proposed management strategy causes movement towards the desired level in the short (T2), medium (T3) and Long term (T11). The desired level is achieved by T16. |
| | 2.12 Texture of mature and old forest (500 ha scale frequency distribution) 0.01-0.20 | 0.081 | 0.151 | Final Plan | increase towards desired | 0.11 | N/A | N/A | Planned operations (v97) causes movement towards the desired level, but does not achieve it. |
| | 2.13 Texture of mature and old forest (500 ha scale frequency distribution) 0.21-0.40 | 0.262 | 0.176 | Final Plan | decrease toward desired | 0.357 | N/A | N/A | Planned operations (v97) does not achieve the desired level. |
| | 2.14 Texture of mature and old forest (500 ha scale frequency distribution) 0.41-0.60 | 0.277 | 0.167 | Final Plan | decrease toward desired | 0.291 | N/A | N/A | Planned operations (v97) causes movement away from the desired level. The desired level is not achieved. |
| | 2.15 Texture of mature and old forest (500 ha scale frequency distribution) 0.61-0.80 | 0.223 | 0.337 | Final Plan | increase towards desired | 0.151 | N/A | N/A | Planned operations (v97) causes movement away from the desired level. The desired level is not achieved. |
| | 2.16 Texture of mature and old forest (500 ha scale frequency distribution) > 0.80 | 0.157 | 0.170 | Final Plan | increase towards desired | 0.091 | N/A | N/A | Planned oeparations (v97) causes movement away from the desired level. The desired level is not achieved. |
| | 2.17 Texture of mature and old forest (5000 ha scale frequency distribution) 0.01-0.20 | 0.011 | 0.085 | Final Plan | increase towards desired | 0.014 | N/A | N/A | Planned operations (v97) causes slight movement towards the desired level .The desired level is not achieved. |

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| Management Objective 2. To direct forest management activities to maintain or enhance natural landscape structure, composition, texture and patch size that provide for the long-term health of forest ecosystems and associated wildlife species by applying the Boreal Landscape Guide. | 2.18 Texture of mature and old forest (5000 ha scale frequency distribution) 0.21-0.40 | 0.226 | 0.179 | Final Plan | decrease toward desired | 0.388 | N/A | N/A | Planned operations (v97) causes movement away from the desired level. The desired level is not achieved. |
| | 2.19 Texture of mature and old forest (5000 ha scale frequency distribution) 0.41-0.60 | 0.467 | 0.276 | Final Plan | decrease toward desired | 0.464 | N/A | N/A | Planned operations (v97) does not cause movement towards the desired level. The desired level is not achieved. |
| | 2.20 Texture of mature and old forest (5000 ha scale frequency distribution) 0.61-0.80 | 0.254 | 0.403 | Final Plan | increase towards desired | 0.11 | N/A | N/A | Planned operations (v97) causes movement away from the desired level. The desired level is not achieved. |
| | 2.21 Texture of mature and old forest (5000 ha scale frequency distribution) > 0.80 | 0.042 | 0.057 | Final Plan | increase towards desired | 0.024 | N/A | N/A | Planned operations (v97) causes movement away from the desired level. The desired level is not achieved. |
| | 2.22 Young Forest Patch size frequency distribution 1-100 | 0.573 | 0.610 | Final Plan | increase towards desired | 0.573 | N/A | N/A | Planned operations (v97) does not cause movement towards the desired level. The desired level is not achieved. |
| | 2.23 Young Forest Patch size frequency distribution 101-250 | 0.238 | 0.147 | Final Plan | decrease toward desired | 0.241 | N/A | N/A | Planned operations (v97) causes movement away from the desired level. The desired level is not achieved. |
| | 2.24 Young Forest Patch size frequency distribution 251-500 | 0.088 | 0.074 | Final Plan | decrease toward desired | 0.074 | N/A | N/A | Planned operations (v97) achieves the desired level. |
| | 2.25 Young Forest Patch size frequency distribution 501-1,000 | 0.047 | 0.050 | Final Plan | Maintain current levels | 0.054 | N/A | N/A | Planned operations (v97) causes movement above the desired level. |
| | 2.26 Young Forest Patch size frequency distribution 1,001-2,500 | 0.026 | 0.041 | Final Plan | increase towards desired | 0.034 | N/A | N/A | Planned operations (v97) causes movement towards the desired level, but does not achieve it. |
| | 2.27 Young Forest Patch size frequency distribution 2,501-5,000 | 0.017 | 0.024 | Final Plan | increase towards desired | 0.012 | N/A | N/A | Planned operations (v97) causes movement away from the desired level. The desired level is not achieved. |
| | 2.28 Young Forest Patch size frequency distribution 5,001-10,000 | 0.005 | 0.021 | Final Plan | increase towards desired | 0.008 | N/A | N/A | Planned operations (v97) causes slight movement towards the desired level, but does not achieve it. |
| | 2.29 Young Forest Patch size frequency distribution 10,001-20,000 | 0.005 | 0.016 | Final Plan | increase towards desired | 0 | N/A | N/A | Planned operations (v97) causes movement away from the desired level. The desired level is not achieved. |
| | 2.30 Young Forest Patch size frequency distribution > 20,000 | 0.000 | 0.017 | Final Plan | increase towards desired | 0.003 | N/A | N/A | Planned operations (v97) causes movement towards the desired level, but the desired level is not achieved. |

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| Management Objective 3. To develop and Implement Forest management activities in a manner that protects or enhances environmental, riparian, wildlife, recreational and cultural heritage values by applying the Stand and Site Guide. | 3.1 Level of compliance with AOC prescriptions described in the stand and site guide and by activity type (harvest, access, Renewal, Maintenance) | 100% | 100% | 5 year and 10 Year Annual Report | >=90% Compliance | N/A | N/A | N/A | TBD. This indicator will be evaluated at the year-5 and year-10 Annual Reports. |
| | 3.2 Level of compliance with AOC prescriptions described in cultural heritage values protection guide | 100% | 100% | 5 year and 10 Year Annual Report | >=90% Compliance | N/A | N/A | N/A | TBD. This indicator will be evaluated at the year-5 and year-10 Annual Reports. |
| Management Objective 4 To maintain, protect, or enhance where needed, critical habitat for species of special concern, threatened, and endangered species on the Nagagami Forest | 4.1 Level of compliance with prescriptions associated with habitat for species at risk | 100% | 100% | 5 year and 10 Year Annual Report | >=90% Compliance | N/A | N/A | N/A | TBD. This indicator will be evaluated at the year-5 and year-10 Annual Reports. |
| Management Objective 5. To provide a sustainable, predictable, and economical supply of wood products that are required by wood processing mills dependent on the Nagagami Forest | 5.1 Long-term projected Available Harvest Area - BW1 (ha/yr) | 27 | 27 | LTMD - Stage 2 | 27 | - | - | - | Desired Level achieved not achieved in Short-term(T3), medium-term (T3), or theLong-term (T11) |
| | 5.2 Long-term projected Available Harvest Area - LC1 (ha/yr) | 406 | 406 | LTMD - Stage 2 | 406 | 333 | - | 1,135 | Desired Level achieved is nto achieved in the short (T2) or medium-term (T3), but is achieved again in the Long-term (T11) |
| | 5.3 Long-term projected Available Harvest Area - MW1 (ha/yr) | 87 | 87 | LTMD - Stage 2 | 87 | 102 | 278 | 440 | Desired Level achieved in the Short term(T2), the medium(T3), and the long term (T11) |
| | 5.4 Long-term projected Available Harvest Area - MW2 (ha/yr) | 7 | 7 | LTMD - Stage 2 | 7 | 79 | 688 | 740 | Desired Level achieved in the Short term(T2), the medium(T3), and Long term (T11) |

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| Management Objective 5. To provide a sustainable, predictable, and economical supply of wood products that are required by wood processing mills dependent on the Nagagami Forest | 5.5 Long-term projected Available Harvest Area - PJ1 (ha/yr) | 71 | 71 | LTMD - Stage 2 | 71 | 0 | 255 | 37 | Desired Level is not achieved in the Short-term(T2) or long term (T11), but is achieved in the medium-term (T3), |
| | 5.6 Long-term projected Available Harvest Area - PJ2 (ha/yr) | 843 | 843 | LTMD - Stage 2 | 843 | 268 | 63 | 46 | Desired Level is not achieved in the Short-term(T2), medium-term (T3), or Long-term (T11) |
| | 5.7 Long-term projected Available Harvest Area - PO1 (ha/yr) | 1,045 | 1,035 | LTMD - Stage 2 | 1,045 | 892 | 586 | 118 | Desired Level is not achieved in the Short-term(T2), medium-term (T3), or Long-term (T11) |
| | 5.8 Long-term projected Available Harvest Area - PWR (ha/yr) | - | - | - | - | - | - | 1 | N/A |
| | 5.9 Long-term projected Available Harvest Area - SB1 (ha/yr) | 231 | 231 | LTMD - Stage 2 | 231 | 99 | 481 | 922 | Desired Level achieved is not achieved in the Short term(T2), but is achieved in the medium-term (T3) and the Long term (T11) |
| | 5.10 Long-term projected Available Harvest Area - SF1 (ha/yr) | 195 | 195 | LTMD - Stage 2 | 195 | 325 | 89 | 3 | Desired Level achieved in the Short term(T2) but not in the medium-term (T3) or Long term (T11) |
| | 5.11 Long-term projected Available Harvest Area - SP1 (ha/yr) | 597 | 597 | LTMD - Stage 2 | 597 | 1,075 | 531 | 24 | Desired Level achieved in the Short term(T2), but not the medium or long-term(T3), |
| | 5.12 Actual Annual Harvest Area - BW1 | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.13 Actual Annual Harvest Area - LC1 | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.14 Actual Annual Harvest Area - MW1 | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.15 Actual Annual Harvest Area - MW2 | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.16 Actual Annual Harvest Area - PJ1 | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.17 Actual Annual Harvest Area - PJ2 | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |

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| Management Objective 5. To provide a sustainable, predictable, and economical supply of wood products that are required by wood processing mills dependent on the Nagagami Forest | 5.18 Actual Annual Harvest Area - PO1 | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.19 Actual Annual Harvest Area - PWR | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.20 Actual Annual Harvest Area - SB1 | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.21 Actual Annual Harvest Area - SF1 | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.22 Actual Annual Harvest Area - SP1 | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.23 Long-term projected available harvest volume by species group - SPF (10-yr M3) | 2,400,000 | 2,400,000 | LTMD | 2,400,000 | 2,509,605 | 2,400,000 | 2,269,849 | Achieved in the short (T1) and medium (T2) terms, but not the long term (T10). The desired level is also not met in T3, T4, T7, T8, T9, T10, T12, T13, T14) |
| | 5.24 Long-term projected available harvest volume by species group - Ce (10-yr M3) | 40,000 | - | LTMD | - | 54,727 | 67,722 | 75,717 | Achieved in short, medium ,and long term, however there are several other terms throughout the planning horizon where the target level is not met (T3, T4, T5, T7, T9, T12, T13, T15) |
| | 5.25 Long-term projected available harvest volume by species group - La (10-yr M3) | 80,000 | 90,000 | LTMD | 90,000 | 173,838 | 212,898 | 85,942 | Achieved in short (T1), medium(T2), and long terms (T10), however there are several other terms throughout the planning horizon where the target level is not met (T7, T8, T9, T10, T12, T13, T15) |
| | 5.26 Long-term projected available harvest volume by species group - Prw (10-yr M3) | - | - | LTMD | - | N/A | N/A | N/A | Achievement not tracked due to small amount of area at plan start (46 ha) |
| | 5.27 Long-term projected available harvest volume by species group- Po (10-yr M3) | 1,923,500 | 1,750,000 | LTMD | 1,750,000 | 1,452,124 | 1,306,912 | 977,869 | The desired level is not achieved in any term. Scoping investigations indicated the desired level may be achieved in term 1, however this causes lower achievement the long-term. The LTMD represents a balanced approach which mitigates the decrease in achievement in the later terms |
| | 5.28 Long-term projected available harvest volume by species group- Bw (10-yr M3) | 220,000 | 177,000 | LTMD | 177,000 | 213,240 | 237,732 | 172,126 | Achieved in the short (T1), medium (T2), and long term (T11), however there are several other terms throughout the planning horizon where the target level is not met (T4, T5, T7, T9, T10, T12, T13, T14, T15) |

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| Management Objective 5. To provide a sustainable, predictable, and economical supply of wood products that are required by wood processing mills dependent on the Nagagami Forest | 5.29 Actual Annual harvest volume - SPF | 0% | 100% | 5 year and 10 Year Annual Report | TBD | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.30 Actual Annual harvest volume - Ce | 0% | 100% | 5 year and 10 Year Annual Report | TBD | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.31 Actual Annual harvest volume - La | 0% | 100% | 5 year and 10 Year Annual Report | TBD | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.32 Actual Annual harvest volume - Prw | 0% | 100% | 5 year and 10 Year Annual Report | TBD | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.33 Actual Annual harvest volume - Po | 0% | 100% | 5 year and 10 Year Annual Report | TBD | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.34 Actual Annual harvest volume - Bw | 0% | 100% | 5 year and 10 Year Annual Report | TBD | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 5.35 Long-term projected available harvest volume by broad size or product group - Po, Bw veneer | 236,605 | >= to plan start | LTMD | 236,605 | 213,861 | 193,982 | 144,927 | A decrease in the veneer product group is observed over the planning horizon. The desired level is not met in the short(T2), medium (T3), or long (T11) term. |
| | 5.36 Long-term projected available harvest volume by broad size or product group - Po, Bw Other quality | 1,428,759 | >= to plan start | LTMD | 1,428,759 | 1,330,783 | 1,271,595 | 940,837 | A decrease in the other Bw and Po product group is observed over the planning horizon. The desired level is not met in the short (T2), medium (T3), or long (T11) term, however the projected use for combined other Po and Bw product volumes (38,900 m3/year) is met. |
| | 5.37 Long-term projected available harvest volume by broad size or product group - SPF sawlog | 2,007,684 | >= to plan start | LTMD | 2,007,684 | 1,920,000 | 1,728,000 | 1,920,000 | A decrease in SPF sawlog volume is observed over the planning horizon. The desired level is not achieved in the short(T2), medium(T3), or long term(T11), however the projected use for total SPF volume (240,000 m3/year) is met |
| | 5.38 Long-term projected available harvest volume by broad size or product group - all other products | 730,486 | >= to plan start | LTMD | 730,486 | 760,620 | 571,002 | 1,239,810 | the desired level is met in the short (T2), and long (T11) term, but not the medium term(T3). |

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|--|--|------------------------|------------------------|----------------------------------|------------------------|------------------|-------------------|------------------|---|
| Management Objective | Indicator | Plan Start Level | Desired Level | Timing of assessment | Target | Short (10 years) | Medium (20 years) | Long (100 years) | |
| Management Objective 5. To provide a sustainable, predictable, and economical supply of wood products that are required by wood processing mills dependent on the Nagagami Forest | 5.39 Managed Crown forest available for timber production (ha) | 374,875 | Maintain | LTMD | Maintain | 371,292 | 368,093 | 358,078 | The desired level is not achieved. however this is caused by the accumulation of managed crown forest unavailable for timber production as a result of accumulating reserve proportions. This lost of available area may also be attributed to area converted to non-forested land during oeperations (i.e. roads and landings). The productive forest is maintained. |
| Management Objective 6. To moderate the effects of forest operations on road based tourism, other recreational activities, mineral exploration , remote tourism and other road based commercial activities by being consistent with the management intent of Crown Land Use Policy Atlas. | 6.1 Compliance with AOC prescriptions that protect values related to road based tourism, recreation, mineral exploration, and commercial activities. | 100% | 100% | 5 year and 10 Year Annual Report | >=90% Compliance | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 6.2 Kilometers of SFL primary, branch, and operational road per square kilometer of Crown forest (km/km ²) | 1.1 km/km ² | 1.1 km/km ² | 5 year and 10 Year Annual Report | 1.1 km/km ² | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| Management Objective 7. To protect cultural heritage values, natural resource features and land use values which are specifically used by, or of importance to local Indigenous communities that may be affected by forest management | 7.1 Compliance with AOC prescriptions relating to cultural heritage and Indigenous values | 100% | 100% | 5 year and 10 Year Annual Report | >=90% Compliance | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |

FMP- 10 Assessment of Objective Achievement

| | | | | | | LTMD Projection | | | Assessment |
|---|---|------------------|--|---|---|------------------|-------------------|------------------|--|
| Management Objective | Indicator | Plan Start Level | Desired Level | Timing of assessment | Target | Short (10 years) | Medium (20 years) | Long (100 years) | |
| Management Objective 8. To encourage participation of general public, LCC and First Nations (or aboriginal) communities in the development of the Nagagami Forest 2021 FMP | 8.1 Opportunities for involvement of First Nation and Métis communities in plan development | N/A | That First Nation and Métis community members actively participate and offer input during the planning process for the 2021-31 Nagagami FMP. | Final Plan | That First Nation and Métis community members actively participate and offer input during the planning process for the 2021-31 Nagagami FMP. | TBD | N/A | N/A | TBD. to be assessed prior to the submission of final plan. |
| | 8.2 Indigenous communities self-evaluation of it's effectiveness in the plan development. | N/A | That the Indigenous communities participate in the planning process for the 2021-31 Nagagami FMP and evaluate their effectiveness from 1-"low" to 10 " high" | Final Plan | That the Indigenous communities participate in the planning process for the 2021-31 Nagagami FMP and evaluate their effectiveness as 10 " high" | TBD | N/A | N/A | TBD. to be assessed prior to the submission of final plan. |
| | 8.3 Participation of LCC members at LCC meetings during the FMP planning process | N/A | That LCC members actively participate and offer input during the planning process and evaluate their effectiveness from 1-"low" to 10 " high" | Final Plan | That LCC members actively participate and offer input during the planning process and evaluate their effectiveness as 10 " high" | TBD | N/A | N/A | TBD. to be assessed prior to the submission of final plan. |
| | 8.4 Local citizens committee self-evaluation of it's effectiveness in the plan development. | N/A | That the LCC participate in the planning process for the 2021-31 Nagagami FMP and evaluate their effectiveness from 1-"low" to 10 " high" | All annual reports, and year 5 and year 10 AR | That the LCC participate in the planning process for the 2021-31 Nagagami FMP and evaluate their effectiveness from at 10 " high" | N/A | N/A | N/A | TBD. to be assessed prior to the submission of final plan. |

FMP- 10 Assessment of Objective Achievement

| | | | | | | LTMD Projection | | | Assessment |
|---|--|------------------|--|----------------------------------|--|------------------|-------------------|------------------|---|
| Management Objective | Indicator | Plan Start Level | Desired Level | Timing of assessment | Target | Short (10 years) | Medium (20 years) | Long (100 years) | |
| Management Objective 9. To use appropriate silviculture treatments and harvest method (including CLAAG, aerial seeding, commercial thinning, prescribed burn) to achieve the target forest unit and yield and continue to be transparent in the location of herbicide application and it's effects | 9.1 Percent of harvested forest area successfully established Plan Forest Unit (renewal success) | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 9.2 Planned and actual percent of harvest area treated by silvicultural Strata | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 9.3 Planned and actual percent of area successfully regenerated to the target forest unit by forest unit | 0% | 100% | 5 year and 10 Year Annual Report | >=90% | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 9.4 Establish benchmark number of hectares tended with aerial herbicide | N/A | TBD | 5 year and 10 Year Annual Report | TBD | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 9.5 a thinning operation of the Pr plantation completed | 0% | Successfully thin Pr plantation on Becker Road | Plan End | Successfully thin Pr plantation on Becker Road | N/A | N/A | N/A | TBD |

FMP- 10 Assessment of Objective Achievement

| | | | | | | LTMD Projection | | | Assessment |
|---|---|-----------------------|-----------------------|---|-----------------------|------------------|-------------------|------------------|---|
| Management Objective | Indicator | Plan Start Level | Desired Level | Timing of assessment | Target | Short (10 years) | Medium (20 years) | Long (100 years) | |
| Management Objective 10. Ensure the preservation of the local gene pool in the present and future | 10.1 Percentage of seedlings originating from improved seed orchards in seed zones 16 and 17 and assisted migration | N/A | >0 | 5 year and 10 Year Annual Report | >0 | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| | 10.2 Percentage of seedlings originating from seed zones 16 and 17 and assisted migration | N/A | >0 | 5 year and 10 Year Annual Report | >0 | N/A | N/A | N/A | To be assessed at year-5 and year -10 annual report |
| Management Objective 11. To maintain a reliable road network and facilitate effective interaction between snowmobile clubs to promote safety. | 11.1 Schedule fall annual meetings between Hornepayne Lumber LP and the Snowmobile Club members. | 1 fall annual meeting | 1 fall annual meeting | All annual reports, and year 5 and year 10 AR | 1 fall annual meeting | N/A | N/A | N/A | To be assessed at all annual reports. |
| Management objective 12. To seek an opportunity to demonstrate the effects of aerial herbicide application by comparing treated and untreated stands | 12.1 Number of demonstration sites | N/A | 1 site established | Plan End | 1 site established | N/A | N/A | N/A | TBD |

FMP- 10 Assessment of Objective Achievement

| | | | | | | LTMD Projection | | | Assessment |
|--|--------------------------------|------------------|---------------|----------------------|----------|------------------|-------------------|------------------|--|
| Management Objective | Indicator | Plan Start Level | Desired Level | Timing of assessment | Target | Short (10 years) | Medium (20 years) | Long (100 years) | |
| Management Objective 13. Within Moose Emphasis Areas, manage the forest to create or maintain a forest composition most beneficial for moose. | 13.1 MEA1- BROWSE | 25 | 5-30 | Final Plan | Maintain | 35 | NA | NA | Not achieved. |
| | 13.2 MEA1- MATURE CONIFER | 46 | 15-35 | Final Plan | Decrease | 42 | NA | NA | Not Achieved. Although Winter cover is above the suggested 15-35 threshold. Browse and Hardwood mixed wood are within their respective ranges, indicating the excess mature conifer area is not preventing achievement of these indicators |
| | 13.3 MEA1- HARDWOOD MIXEDWOOD | 27 | 20-55 | Final Plan | Maintain | 22 | NA | NA | Achieved. |
| | 13.4 MEA2- BROWSE | 17 | 5-30 | Final Plan | Maintain | 40 | NA | NA | Not Achieved. Although Browse is above the suggested 15-35 threshold. Mature Conifer and Hardwood mixed wood are within their respective ranges, indicating the excess Browse area is not preventing achievement of these indicators |
| | 13.5 MEA2- MATURE CONIFER | 42 | 15-35 | Final Plan | Decrease | 31 | NA | NA | Achieved. |
| | 13.6 MEA2- HARDWOOD MIXEDWOOD | 40 | 20-55 | Final Plan | Maintain | 27 | NA | NA | Achieved. |
| | 13.7 MEA3- BROWSE | 43 | 5-30 | Final Plan | Decrease | 24 | NA | NA | Achieved. |
| | 13.8 MEA3- MATURE CONIFER | 27 | 15-35 | Final Plan | Maintain | 29 | NA | NA | Achieved. |
| | 13.9 MEA3- HARDWOOD MIXEDWOOD | 14 | 20-55 | Final Plan | Increase | 20 | NA | NA | Achieved. |
| | 13.10 MEA4- BROWSE | 9 | 5-30 | Final Plan | Maintain | 35 | NA | NA | Not achieved. |
| | 13.11 MEA4- MATURE CONIFER | 53 | 15-35 | Final Plan | Decrease | 38 | NA | NA | Achieved. |
| | 13.12 MEA4- HARDWOOD MIXEDWOOD | 38 | 20-55 | Final Plan | Maintain | 25 | NA | NA | Achieved. |