

Forest Certification

U P D A T E



MIITIGOOG L.P.

Miitigoog L.P. is a partnership between Kenora area First Nations, forest industry partners and Kenora independent loggers. It holds the Sustainable Forest Licence for the Kenora Forest. The Kenora Forest, located in Northwestern Ontario, is approximately 1.2 million hectares with an annual available harvest of 550,000 m³. The Forest supplies fibre to area sawmills, pulp mills, and a strand lumber mill for the manufacturer of lumber, structural wood and kraft pulp.

BACKGROUND

During the period of January 14-17, 2014 Miitigoog L.P. underwent re-registration audit to the Sustainable Forestry Initiative (SFI®) Standard 2010-2014. The registration cycle is over 5 years with surveillance audits conducted annually. This report summarizes the audit process and results of the SAI Global re-registration audit.

SCOPE OF CERTIFICATION

The 2010-2014 Sustainable Forestry Initiative® Standard as it applies to Forestry Management of an Ontario SFL (Kenora Forest).

EXECUTIVE SUMMARY

The SFI Program third-party re-registration audit was undertaken by SAI Global. SAI Global is an independent third party registrar that is accredited by the ANSI-ASQ National Accreditation Board (ANAB) for registrations to SFIS 2010-2014. This ensures the integrity and credibility of the audit process.

The audit assessed active and completed harvest operations through field assessments and interviews with Miitigoog staff and contractors. The audit also assessed the SFIS and supporting EMS documentation, records at the Miitigoog office.

THE AUDITORS

Rod Seabrook, auditor for SAI Global performed the audit. He is a certified lead auditor and an associate member of the Ontario Professional Foresters Association.

SFIS 2010-2014

Periodic Assessments

Major non-conformances: 0
Minor non-conformances: 1
Opportunities
for Improvement: 4
Positive Aspects: 4

Major Non-Conformances

Pervasive or critical to the achievement of the SFI objectives.

All major non-conformances require an action plan to be implemented by the auditee within 90 days of an initial audit and subsequently 60 days or registration cannot be achieved/maintained

Minor Non-Conformances

Isolated incidents that are non-critical but must be addressed before the next surveillance audit to maintain compliance to the SFI standard.

Opportunity for Improvement

Are not non-conformances but are comments on specific areas where improvements can be made.

Positive Aspects

Areas that are deemed to be of best practices

KEY AREAS OF NON-CONFORMANCE

One minor non-conformity was identified. A review of harvest and renewal records found a relatively small amount of harvest area older than five years had not received an artificial renewal treatment or been declared as natural regeneration.

CORRECTIVE ACTION PLANS

Miitigoog is required to develop corrective action plans to address the root cause of the non-conformity identified during the audit. The root cause analysis and proposed corrective actions will be reviewed by SAI Global to ensure that they are appropriate and fully address the identified deficiencies. At the next annual surveillance audit a follow up on the implemented corrective actions will be done to confirm that the corrective actions were appropriate and effective in ensuring the non-conforming situation was addressed and has not reoccurred.

KEY OPPORTUNITIES FOR IMPROVEMENT

- Indicator 2.5 Consider updating the Chemical SOP to reference training and qualification requirements for personnel involved
- Indicator 2.3.2 Consider identifying areas of potential fine textured soils on Pre-work maps
- Indicator 15.3.2 Consider strengthening the understanding of staff of the potential impacts of climate change on management of the Kenora Forest
- Indicator 20.1 Consider updating the Management Review Process to include the Forest Operations Committee and the monthly reports

POSITIVE ASPECTS

- Comprehensive consultation initiatives as documented in the Miisun (Miitigoog parent company) Consultation Summary
- Excellent slash piling work
- Use of photos and descriptions of species at risk on pre-work maps
- Knowledge of requirements demonstrated by contractors and equipment operators during field interviews

EVIDENCE OF CONFORMITY

Evidence that was assessed to determine Miitigoog's conformity with the SFIS 2010-2014 standard appears below:

SFI-01 Forest Management Planning

- a) 2012 -22 Kenora Forest FMP Sup Doc A
- b) Ontario Forest Resource Inventory (FRI) [completed in 1997, new imagery in 2009, new inventory scheduled for 2016], updated annually for harvest and natural depletions, updated every five years for FTG, silvicultural intensity, ownership

FRI, natural sub-regions, ecosite classification

Part of ecosite classification, NOEGTS
- c) 2012 -22 Kenora Forest FMP Sup Doc A Section 6.2.2 Forest Dynamics Assumptions
- d) 2012 -22 Kenora Forest FMP Figure 3 Soil Composition and Distribution for the Kenora Forest
- e) Reference access to MNR G&Y program – Miitigoog is part of the Forest Science Ecosystem Coop

- f) Mitigoog has own GIS capabilities
- g) 2012 -22 Kenora Forest FMP Sup Doc A

Non-timber issues/values are considered during planning; MNR NRVIS database is used to track the location of none values and Area of Concern prescriptions are developed for protection of values during operations – Mitigoog provides updates to information as encountered – see 2012 -22 Kenora Forest FMP Section 2.4.3.1

2012 -22 Kenora Forest FMP Sup Doc A Table 22 Harvest Volume Targets by Species Group – analysis projects harvest levels by species for 15 ten year terms

Inventory data is collected through OFRI. Inventory depletion is completed annually and reported through the Annual report.

Mitigoog has access to growth and yield data through MNR's growth and yield program. This data is used in developing yield curves for each forest unit during FMP development. See 2012-22 KF FMP Sup Doc A Section 6.2.2 and Appendix A Yield Curves

The forest inventory is updated for each FMP. Planned harvest is recalculated during FMP development. See 2006-26 FMP Section 2.2.2.3 Current Forest Condition

Forest practices are confirmed at the site level through silvicultural surveys (establishment and performance surveys) and silviculture activities (planting, brushing, etc). These are recorded in the GIS system (spatial and aspatial data) and reported in the Annual Report submitted to the MNR as a layer –verified for FTG 2012-13 AR

SFI-02 Forest Productivity

2012—22 KF FMP Table FMP-4 Silvicultural Ground Rules specify silvicultural systems by site type

Mitigoog Environmental Policy and SFM Policy – bullet point 4

2011-12 Annual Report Section 2.2

Checked for 2006-07 harvest year approx. 100 ha showing as harvested with no follow-up renewal

Checked for 2005-06 harvest – 51 ha no regen treatment

Checked for 2004-05 – approx. 10 ha no regen treatment

GIS Specialist is in process of summarizing all harvest areas that have yet to receive a renewal treatment so they can be addressed

There is a backlog of area requiring renewal treatment or designation as natural regeneration – see Minor non-conformity

Establishment Survey: Completed 4 to 8 years after harvesting to show stocking (%), height, density and species composition. Retreatment and/or additional treatments may be scheduled if required.

Free Growing Surveys: Completed 8 to 14 years after harvesting recording species, top height, density and stocking and poorly stocked areas (> 4 hectares)

Forest management plan's silvicultural ground rules describe minimum standards for each forest unit.

2012 Kenora FMP Table FMP-4 –see Regeneration Standards for each SGR (species comp., minimum ht. at 10 yrs, minimum stocking, survey methodology)

2012-22 KF FMP Table FMP-4 – specifies future forest condition and acceptable species composition – all acceptable species are native species only

2012-22 KF FMP Section 4.2.2.2 Conditions on Regular Operations specifies for all operations skid trails will be kept to a minimum, with an emphasis on protection of natural regeneration

Prescription for understory is included in the pre-work documents. – evidence is in spring training package and Harvesting SOP

2012-22 KF FMP Table FMP-4 Silvicultural Ground Rules specify acceptable species/species mix by site – generally conifer dominated sites remain as conifer and hardwood dominated sites remain as hardwood and mixedwood sites remain as mixed wood – some conversion is acceptable;

The FMP has an objective to increase the levels of red pine and white pine on the Kenora Forest. 2012 Kenora FMP Text Section 3.5.2 Indicator 2(d)

There are no areas of afforestation as all operational areas are natural forest that are managed to be maintained as forest

Areas for chemical tending must be approved annually by MNR and aerial applications require further approval by MOE

2012-22 KF FMP Section 4.2.2.1.2 states that chemical tending will be used on only those sites that require the treatment for crop tree survival, growth, and forest composition control. SEE BOB – year after planting informal assessment to see if enough competition to spray – have only been doing backpack

Conditions on Regular Operations state that chemical aerial tending will be carefully assessed on shallow sites prior to use to determine if appropriated for the site

Miitigoog Chemical Vegetation SOP – intended to minimize chemical drift and impacts on other values/forest users

Useage reported in ARs – e.g. 2011-12 AR Table AR-5 reports use of ground tending Vantage herbicide on five blocks – Vantage is approved for forestry use

Useage reported in ARs – e.g. 2011-12 AR Table AR-5 reports use of ground tending Vantage (glyphosate) herbicide on five blocks – Vantage is approved for forestry use in Canada

Miitigoog Chemical Vegetation SOP – intended to minimize chemical drift and impacts on other values/forest users

No compliance issues and no public complaints

Minimize occurrence of balsam fir where possible, to reduce impact of future spruce budworm infestations through mechanical site preparation.

Mixed planting of white pine to reduce the opportunity for white pine weevil.

MiitigoogIPM Strategy Version 1.0 Dec 2010 – Section 3.0 Process for Implementing Annual Programs

SURVEYS – decision process is “should block be left for natural vs. artificial” – Miitigoog has new brush saws – Dorsey has brush saws

Contracted to PRT-Frontier – Licence to operator and extermination business Licence No. 052860 Expire Feb/2014; Scott Carpenter Exterminator Licence 032816 Expires Oct/2016

No reference to training or qualifications of persons supervising chemical applications in Chemical SOP

OFI - Consider updating the Chemical SOP to reference training and qualification requirements for personnel involved

Ontario has developed a forest ecosystem classification system that incorporates soil types

SGRs include ecosites for each current forest condition – See 2012 Table FMP-4

Evidence package cites AWS maps as identifying sites vulnerable to rutting and compaction – actually on prework map and prework photo

Fine textured soils not currently shown on preworks

OFI - Consider identifying areas of potential fine textured soils on Pre-work maps

Conditions on Regular Operations contain requirements for nutrient retention on shallow soil sites

Miitigoog SOP #4 for soil compaction – requires that sensitive sites be identified by Miitigoog rep on block map and supervision take action to prevent disturbance – operators to stop work and advise contractor or Miitigoog rep in unplanned soil disturbance is occurring – Training provided during spring EMS training

2012-22 KF FMP Section 4.3.1.1 deals with stand level residual in harvest areas

Preworks include instructions to operations

2012 Kenora FMP Text 4.2.2.2 pg 258 Conditions on Regular Operations – Nutrient retention on shallow sites

Miitigoog SOP #14 -Site Preparation and SOP #4-Soil Conservation – requirement to stop work if sensitive soils are encountered

Guidance provided in the following documents:

2012 Kenora FMP Text 4.2.2.2 pg 258

Miitigoog Soil Conservation SOP; Harvesting SOP #5 (soil disturbance); Road Construction SOP #6 ; Watercourse Crossing SOP

OMNR is responsible for forest protection. Miitigoog assists and contributes to the development of forest protection plans, i.e. jack pine budworm in 2006 was last time

2012-22 KF FMP Table FMP-4 SGR's outline the most appropriate renewal activities to take place based on site conditions.

Pursuit of salvage opportunities. - Four Lake Bay blowdown currently being operated; Caution Lake Pj budworm salvage; snow damage in top of English River; Reddit Rd. blowdown

Reduction of balsam fir through follow-up treatments (SIP, tending) – 2012-22 KF FMP projects decline of balsam fir from 4% to 2% of productive forest landbase through implementation of long term management direction

2012-13 AWS Section 5 Forest Prevention and Preparedness describes Miitigoog's role in program (MNR is Provincial lead agency)

Sustainable Forest Licence condition addresses company involvement in pest management programs – see SFL Section 7.0 FOREST PROTECTION – MNR is the lead agency

2012-22 KF FMP Section 4.4.2.1 Tree Improvement and 4.4.2.2 Seed Collection and Planting Stock Procurement

Miitigoog Shareholder (Weyerhaeuser) is member of Superior Woods Tree Improvement Association (a regional associate of the Forest Genetics Ontario)

Miitigoog is a member of SWTIA – Invoice dated July 15, 2013 – Paid – see Forest Renewal Trust Claim #11 2013/14

Two orchards were established by the MNR on the Kenora Forest (jack pine and black spruce). Seedlings produced from seed provided by the orchards are deployed in the appropriate seed zone for the species planted. Minnesabic Sb seed orchard – currently don't have improved Pj – using MNR seed sources

Record PRT Invoice # 01121841 Jun 5/13

Species and Seedlot – seed zone 11 is outside of Kenora Forest – given OK by SWTIA for interchanging seed zones

- Pr Zone 10
- Pw Zone 11
- Sb Zone 10, Zone 11
- Sw Zone 11

SFI-03 Protection and Maintenance of Water Resources

Miitigoog Environmental and SFM Policy includes commitment to comply with applicable laws and regulations.

Policies and procedures are contained within the Miitigoog EMS.

Miitigoog EMS includes SOP's (BMPs) for all significant aspects,

Training provided to staff and contractors – see Spring Training slides

Monitoring and measurement, internal audits and management reviews

All contractors that can cause an environmental impact receive training in the Miitigoog EMS, including SFM awareness and specific operational control training – see Spring Training presentation and attendance records

Contract provisions – Contained in Appendices to Supplier Management System

Miitigoog SOPs (Harvesting, Soil Conservation) - Stop Work Criteria from Reference Card

Miitigoog's EMS monitoring and measurement includes:

- FOIP reports – example inspection report 643926
- Internal audits are conducted yearly to ensure compliance to our EMS and legal requirements. – last audit conducted Oct 1/13 – Rob did with Gary Mckibbon – report prepared
- MNR personnel also conduct inspections for compliance

Summary of company and MNR compliance inspections presented in Table AR-6 Annual Report of Forest Compliance Inspection Reports, Non-Compliance and Remedies Applied

Miitigoog's SOP's contain direction for protecting riparian areas:

- Strategic Road and Cutblock
- Harvesting
- Road Construction
- Watercourse Crossing
- Site Preparation

FMP established prescriptions for AOC's - see 2012-22 KF FMP Section 4.2.1 and Table FMP-10; also FMP section 4.2.2 Conditions on Regular operations

Mitigoog receives annual updates of waterbody layer in GIS from MNR (NRVIS) – latest update for 2013

Viewed record of unmapped streams for 2013 – Miitigoog sends to MNR for update of MNR maps

Mitigoog conducts pre-ops reconnaissance of harvest blocks to verify mapped condition vs. on the ground – new watercourses (typically intermittent) may be identified at that time – follow Unidentified Stream Encountered procedure

Miitigoog SOP#7 - Watercourse Crossing – includes definitions of water course and stop work requirements should an unidentified sensitive site be identified

Pre-Work maps and photos are used at a pre-work meeting to review the block and road before work commences - sensitive sites are reviewed. – see signed off prework maps for blocks viewed in field

Miitigoog SOPs for protecting riparian areas:

- Strategic Road and Cutblock
- Harvesting
- Road Construction

Non-forested wetlands are identified and classified in the FRI. MNR provides values information for significant wetlands, updated annually.

2012-22 KF FMP 4.2.2.2 Conditions on Regular Operations

Values associated with lakes, ponds, streams, and rivers were identified in accordance with definitions included in the Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010).

Forestry on Crown lands in Ontario are governed by the Crown Forest Sustainability Act 1994 – see http://www.e-laws.gov.on.ca/html/statutes/english/elaws_statutes_94c25_e.htm

Provincial Stand and Site Guide
http://www.mnr.gov.on.ca/stdprodconsume/groups/lr/@mnr/@forests/documents/document/stdprod_109196.pdf and
Miitigoog SOPs provide specific direction

SFI-04 Conservation of Biological Diversity

The CFSA requires that Crown forests are managed on a sustainable basis and incorporates the following principles:

1. Large, healthy, diverse and productive Crown forests and their associated ecological processes and biological diversity should be conserved.
2. The long term health and vigour of Crown forests should be provided for by using forest practices that, within the limits of silvicultural requirements, emulate natural disturbances and landscape patterns while minimizing adverse effects on plant life, animal life, water, soil, air and social and economic values, including recreational values and heritage values. 1994, c. 25, s. 2 (3).

The forest management plan for the Kenora Forest documents the approach used to meet the purpose of the CFSA on the Kenora Forest and the AWS is used to execute the FMP

Species at risk are identified in the FMP – see 2012-20 KF FMP Sections 2.1.3.1 Inventories and Information for Species at Risk; 3.6.0.3 Habitat for Species At Risk and Table FMP-6 Projected Habitat for Species at Risk and Selected Wildlife Species

The FMP includes forest management strategies for woodland caribou (Kenora FMP 2012 p. 159) and AOC protection for all known occurrences of threatened and endangered species that may be impacted by forest operations (e.g. eagle nest AOC) – see FMP Supp Doc Appendix A Table FMP

Miitigoog has developed a species at risk card 2013-2014 as a training aid – reporting of sighting to supervisor is required

Central Canada SFI implementation committee website provides additional resources – see <http://www.sficentralcanada.org/Species-at-Risk.html>

None on Kenora Forest as per Conservation International biodiversity hotspot website – see http://www.conservation.org/where/north_america/pages/overview.aspx

Requirements of provincial Stand and Site Guide applied in FMP -
http://www.mnr.gov.on.ca/stdprodconsume/groups/lr/@mnr/@forests/documents/document/stdprod_109196.pdf

– see 2012-22 KF FMP section 4.2.2 Conditions on Regular Operations – includes additional requirements for Wabeseemoong TLU

FMP utilizes the FRI as base planning layer for forest cover and habitat

Modelling conducted during forest management planning – documented in 2012-22 FMP Analysis Package – Supp Doc A

2012-22 KF FMP has specific targets by forest unit for % of productive area maintained in older age classes

Kenora 2012 FMP p.41

See also FMP section 2.1.3.3.2 Old Forest Red Pine and White Pine and long term management direction Objective 2

Only native species are used in the reforestation program – see 2012-22 KF FMP SGRs and FMP section 4.4.2 Renewal Support

Awareness training in invasive species –see Spring Training Module and SAR/IV Card

Seed mixture for water crossings – Common #1 Forage Mixture (no K. Bl. Grass)

The MNR has a fire management strategy which the FMP must align with. No PB's currently being conducted on Kenora Forest.

Management of wildlife is an MNR responsibility on Crown land – the FMP contributes through the management of forest cover

Depletion and renewal of forest stands is mapped annually and the updated inventory is used during FMP preparation

Miitigoog requires reporting of newly identified values by staff and operations to MNR for inclusion in the NRVIS database

Provincial Stand and Site guide employs updated scientific information for use in forest management planning

Planning cycle allows inclusion of update information and guidance into planning decisions – see requirements of 2009 Forest Management Planning Manual http://www.mnr.gov.on.ca/stdprodconsume/groups/lr/@mnr/@forests/documents/document/stdprod_100221.pdf

SFI-05 Management of Visual Quality and Recreational Benefits

Undertaken as part of FM planning – see 2012-22 KF FMP Supp Doc H Area of Concern (AOC) Planning Documentation - TVr Tourism – Aesthetics Along Recreational Property Access Roads; TV01 Tourism – Aesthetics Along Large High Volume Tourism Lakes; HB01 Highway Corridor Aesthetics

Forestry on KF must meet requirements of the CFSA 1994 which requires *the long term health and vigour of Crown forests should be provided for by using forest practices that, within the limits of silvicultural requirements, emulate natural disturbances and landscape patterns while minimizing adverse effects on plant life, animal life, water, soil, air and social and economic values, including recreational values and heritage values*

Forest management planning is directed at moving the distribution of disturbance sizes toward a more natural condition – see 2012-22 KF FMP section 4.3.4 Planned Clearcuts

Average harvest areas size is reported annually in the AR. – e.g. 2011-12 AR “The average clearcut size created during the year was 84.4 ha, while the maximum was 321 ha.”

Green-up requirement in SGRs rules. In general, time for hardwood to reach 2m in height and time for conifer to reach 1m in height – see 2012-22 KF FMP Tables FMP-4

Harvest and renewal blocks tracked annually in GIS – FTG surveys assess renewal status

Forest management planning is directed at moving the distribution of disturbance sizes toward a more natural condition – see 2012-22 KF FMP section 4.3.4 Planned Clearcuts

The Kenora Forest provides essentially unlimited access to the public for recreational purposes – some restrictions apply to protect other forest values and stakeholder interests – see 2012-20 KF FMP Section 3.6.3

SFI-06 Protection of Special Sites

The 2012-22 KF FMP relies on a comprehensive values layer managed by the MNR to inform planning of values, (natural, social and cultural heritage), that may be negatively impacted by forestry operations

The Natural Resource Values Information System data base is updated regularly to add new values as they may be discovered and reported and remove values that no longer exist. Values information comes from MNR surveys, Miitigoog staff and contractor observation and reporting, Aboriginal community members, stakeholders and the general public.

Planners develop Area of Concern prescriptions or conditions on operations intended to protect the value while allowing operations to proceed. Restrictions can include reserves, conditions on timing of operations, and limits on soil disturbance.

See FMP section 4.2 Prescriptions for Operations, section 5.4 Prescriptions for the Protection of Values, Supp Doc H AOC Planning Documentation, and Table FMP-10

MNR provides Miitigoog with a GIS layer of cultural heritage sites, updated annually. Shown on all pre-work maps, with appropriate operating prescriptions (FMP-17). – verified with GIS Specialist

AOCs and conditions on operations are displayed on operations maps –e.g. Bk 12.532, Bk 12.460

The compliance program (FOIP) verify whether AOC prescriptions and conditions on operations were followed during operations

SFI-07 Efficient Use of Forest Resources

Utilization standards are set by MNR and documented in the requirements of the Ontario Scaling Manual – see http://www.mnr.gov.on.ca/en/Business/Forests/Publication/MNR_E000266P.html

Monitoring is conducted by certified forest compliance inspectors under the forest operations compliance inspection program – see http://www.mnr.gov.on.ca/en/Business/Forests/2ColumnSubPage/STEL02_167072.html

FOIP reports completed and submitted to the MNR for every harvest block.

Compliance summaries are reported in the Annual Reports Table AR-6 – see <http://www.efmp.lrc.gov.on.ca/efmp/home.do?currentFmu=&language=en>

Miitigoog Debris Disposal SOP – requires that slash and chipper debris be managed during operations – verified as being done during field audit Blocks 12.015, 12.026, 12.532

Both roundwood and chipping operations are conducted on the Kenora Forest and operations supply wood to multiple destinations – See 2011-12 Annual Report Table AR-2 Report of Wood Utilization by mill

SFI-08 Land Outreach

Not applicable

SFI-09 Use of Qualified Resource and Logging Professionals

Not applicable

SFI-10 Adherence to Best Management Practices

Not applicable

SFI-11 Promote Conservation of Biological Diversity, Biodiversity Hotspots and Major Tropical Wilderness Areas

Not applicable

SFI-12 Avoidance of Controversial Sources including Illegal Logging

Not applicable

SFI-13 Avoidance of Controversial Sources including Sources without Effective Social Laws

Not applicable

SFI-14 Legal and Regulatory Compliance

CCSIC maintains a formal Legal Register (Federal and Provincial) on their website containing a list of applicable provincial and federal legislation. CCSIC also performs and documents an Annual Update of changes to legal requirements that is available to all member companies

Documents:

- Legal Register Federal and Ontario (v3)
- 2012 Update (Ontario)
- MNR Forestry Publication Website

<http://www.sficentralcanada.org/Members--Area.html>

- The FMP must be approved by OMNR before operations can commence – this assures alignment with all regulations. – latest approve FMP – 2012-22 KF FMP – see <http://www.efmp.lrc.gov.on.ca/eFMP/viewFmuPlan.do?fmu=644&fid=528&type=CURRENT&pid=528&sid=10904&pn=FP&ppyf=2012&ppyt=2022&ptyf=2012&ptyt=2017&phase=P1> – note that original signed certification page is with MNR and Miitigoog

- Independent Forest Audits are conducted to assess compliance with regulations and FMP requirements. – latest audit conducted in 2013 (report not yet public); last public report for 2003-08 IFA – see http://www.mnr.gov.on.ca/stdprodconsume/groups/lr/@mnr/@forests/documents/document/stdprod_069009.pdf

- All operations are inspected and reported on as part of the Compliance Plan within the FMP. The Forest Operations Inspection Program (FOIP spreadsheet tracking sheet provided in pre-info package) – see <http://forest.lrc.gov.on.ca/foip/index.html>

Certified compliance inspector for Missun conducts the FIOIP inspections and submits reports to MNR – compliance summaries reported in the Annual Reports – see example report in Table AR-6 in 2011-12 AR <http://www.efmp.lrc.gov.on.ca/eFMP/viewFmuPlan.do?fmu=644&fid=528&type=CURRENT&pid=528&sid=12902&pn=AR&ppyf=2011&ppyt=2012&ptyf=2011&ptyt=2012&aryf=2011&aryt=2012>

- Miitigoog Environmental & SFM Policy posted in Miitigoog office – policy April 20-13 commits to compliance with all applicable environmental and social laws and regulations
- All staff and operators working on the Kenora Forest receive annual training (provided in pre-info package) on the safety and environmental requirements associated with the Kenora SFL. – see 2013 Spring Training presentation – covers legal requirements
- FOIP reports are submitted regularly to MNR and can be viewed on-line. – Planning Forester is Certified Compliance Inspector – demonstrated access to FOIP system and reports
- FOIP reports include plans to address/correct items to be found not in compliance (“Task Issues”).
- Annual Environmental Audits (example provided) are conducted on licensees. – last internal audit conducted Oct 1/13
- The Provincial Independent Forest Audit Program also reviews compliance with laws and regulations on the Kenora SFL. Audit results are public documents and contain action plans to address areas of improvement. last public report for 2003-08 IFA – see http://www.mnr.gov.on.ca/stdprodconsume/groups/lr/@mnr/@forests/documents/document/stdprod_069009.pdf

Miitigoog Environmental & SFM Policy posted in Miitigoog office – policy April 20-13 commits to compliance with all applicable environmental and social laws and regulations

Miitigoog Social Responsibility Policy – April 2013 – posted in Miitigoog office - contains commitment to Fair Working Conditions, Freedom of Engagement, Freedom of Association Relationships with First Nations, Human Rights, Freedom of Information

Miitigoog Health & Safety Policy – April 2013 – posted in Miitigoog office

CCSIC: <http://www.sficentralcanada.org>

MNR Requirements: www.mnr.gov.on.ca/en/Publication/index.html

No reported violations or allegations/complaints received re: ILO core conventions

SFI-15 Forestry Research & Technology

Miitigoog is currently a member and also sits on the Board of Directors (Weyerhaeuser rep – acting as agent for Miitigoog in this regard) of the Forest Ecosystem Science Co-operative. This group sponsors research related to all of the issues listed within the indicator. Membership was transferred to Miitigoog in 2011 from Weyerhaeuser. – See http://www.forestco-op.ca/files/annual/forest_co-op_ar_2012.pdf page 5

Miitigoog is currently a member of the Superior Woods Tree Improvement Association. The group sponsors and supports research in regards to several of the issues listed in the indicator. Membership was transferred to Miitigoog in 2011 from Weyerhaeuser.

Both Miitigoog and Weyerhaeuser are active members of CCSIC and support all initiatives of the Central Canada SIC. – See <http://www.sficentralcanada.org/about.html>

Miitigoog does not plant genetically engineered trees

All work conducted by Superior Woods Tree Improvement Association is conventional breeding methods using native seed and scion material

Miitigoog supports and participates in the Ontario SIC. – see <http://www.sficentralcanada.org/about.html>

- a) A post-harvest regeneration survey is conducted within 5 years
- b) Miitigoog maintains a membership in Forest Ecosystems Science Co-operative Membership – Shareholder Weyerhaeuser sits on the board, Miitigoog is an alternate – See http://www.forestco-op.ca/files/annual/forest_co-op_ar_2012.pdf page 5
- c) Annual training, ongoing monitoring of operations, operational audits, and FOIP reporting is aligned with updated Forest Compliance Handbook.
- d) n/a
- e.) FMP Appendix 4 SEIM Analysis Report considers socio-economic impacts of planned forestry operations
See 2012-22 KP FMP Supp Doc D

2012-22 KF FMP Section 3.2.7 contains a brief discussion of climate change and notes that no specific direction has been provided by MNR to date

This is discussed from time to time through CCSIC participation and Agenda items. Example from meeting September 5, 2012 Agenda item 14 Research/Climate Change Update – see also discussion on CCSIC web site

Training opportunities are provided by MNR that incorporate climate change. Examples of training attendance at various MNR training sessions provided.

- 2012 FMP Update WebEx & Read Ahead Package –

OFI - Miissun should strengthen understanding of potential impacts of climate change

SFI-16 Training and Education

Miitigoog Environmental & SFM Policy

Miitigoog L.P. is committed to sustainable forest management practices and to being responsible stewards of the environment.

We are committed to independent certification of our forest management activities and to meeting the objectives and principles of the SFI 2010 Standard.

Miitigoog will:

- List of 12 items – e.g. implement and promote responsible forestry practices, comply with all environmental and social laws and regulations

The policy is posted in the Miitigoog office and through EMS/SFI Spring Training slide 8

Miitigoog is a small organization (6 permanent staff) –responsibilities for objectives contained in evidence package under each indicator of the Standard – principally Operations Manager and Operations Forester

General Manager/Operations Manager - R.P.F.

Management Forester - R.P.F.

GIS Specialist – on the job experience (25 years GIS) plus formal training

Forest Technician – Grade 12 plus on the job training; attended Forest Compliance Training, SEM, bridge and road inspection requirements; S102 Fire training

Forest Technician – on the job training; attended Forest Compliance Training, SEM, bridge and road requirements; S102 fire training

Anishinabe liason – speaks Anishinabe language, worked for Grand Council Treaty 3

Records in Training Binder

2013 Training

April 8/13 – Spring Training - SOP Training 1-18–Miitigoog; Moncreif, Devlin Timber, W5 Logging, Weyerhaeuser, Dorsey, WIncreif, PRT, Domtar

May/13 – EMS & WHMIS – W5 staff

May 21/13 – EMS/SFI - SOP Training – Wincrief

May 29/13 – Spring Training - SOP Training - Devlin Timber

Jun 12/13 – EMS/SSWP Training - Fire, Equipment, Crossings, Roads – Moncrief

Aug 13/13 – EMS Miitigoog - SOP #6, 7 –

Nov 22/13 – EMS training – (Weyco), (Miitigoog)

Dec 31/13 – EMS full refresher - Weyerhaeuser, WIncrief

Training aids are:

- Environmental Field Card – Apr/13
- Miitigoog Guide to Species at Risk and Invasive Species in NW Ontario

Bush interviews:

Feb 12 – Wincrief Forest Products LLP

- Supervisor – training up to date

- Skidder Operator – training complete and up to date
- Skidder Operator – mechanized harvesting operator (skidder) certificate,

Feb 13 – Devlin Timber

- Owner/supervisor
- Owner/excavator operator
- Loader operator
- Slasher operator
- Buncher operator
- Skidder operator

Training records checked at Devlin Timber office – all operators have mechanical certification certificate for equipment they operate and WHMIS

The Central Canada SFI Implementation Committee has categorized the training requirements for a Qualified Logging Professional (QLP) into three components:

1. Legal Requirements: The individual must have all of the training that is legally required in Ontario. Loggers and Logging Contractors are expected to know what training is legally required. Some examples could include Mechanical Harvesting Equipment Operator Common Core and Workplace Hazardous Materials Information System (WHMIS)

RECORDS OF TRAINING BY CONTRACTORS – Records provided for Wincrief Forest Products LLP and Devlin Timber

2. SFI Awareness: The individual must have an awareness of the principles of sustainable forest management certification including the Sustainable Forestry Initiative Standard. The CCSIC has developed a series of training modules for use as training aids, which includes SFI Awareness. In addition, many member companies have developed their own training programs, these training programs may be reviewed and endorsed as equivalent by elected members of the CCSIC. For more information, contact your local Central Canada SIC member company.

Conducted during Spring Refresher Training – See 2013-14 EMS Training

3. Awareness of Best Management Practices: The individual must have an awareness of best management practices applicable to their operation. The CCSIC has developed a series of training modules for use as training aids, which include BMP Awareness. In addition, many member companies have developed their own training programs, these training programs may be reviewed and endorsed as equivalent by elected members of the CCSIC. For more information contact your local CCSIC member company.

Conducted during Spring Refresher Training – See 2013-14 EMS Training

Miitigoog is a member of the Central Canada SFI Implementation Committee as an SFI Program Participant

- See <http://www.sficentralcanada.org/about.html>

a) SFI awareness part of annual training for all operators – see EMS/SFI spring training 2013

b, c, d) BMPs (SOPs) are part of the annual training and are consolidated on the field reference cards.

See Miitigoog SOPs; 2013 Spring refresher training slides

2013 Environmental Field Reference Card

2013 SAR/Invasive Species Card

e) All logging operators on the Kenora forest are required to be SWO (Safe Workplace Ontario) certified before they can be issued an overlapping license. Confirmed all certified with Gary Dickey SWO Representative

f) Businesses operating in Ontario are required to follow provincial labour and occupational health and safety laws

Legal: www.ccohs.com/legislation

g) Licensing requirements for transportation workers in Ontario requires training. Miitigoog annual training also included fuel handling – Contractor WHMIS and TDG training as required.

Weyerhaeuser (Miitigoog shareholder and main receiving mill) also worked closely with NOLTA to develop a scoring evaluation system for load safety – all suppliers into that facility receive feedback on load securement / load safety. –verified with Weyerhaeuser

h) OSIC BMP manual touches briefly on key requirements of contract development. Overlapping license agreement templates also touch on business obligations associated with signed an agreement. Miitigoog will withhold agreements and/or pre-works if there are business management issues that need to be addressed regarding work on the forest by a license.

Miitigoog is a member of CCSIC

Miitigoog has developed and implemented a training program that meets the intent of CCSIC requirements – see EMS Spring Training presentation and attendance records

Contractors ensure their workers have received job specific training (e.g. mechanized forest equipment operator, WHMIS, TDG (as required)) – see contractor training records

Miitigoog operates under an approved forest management plan for the Kenora Forest (2012-22 KF FMP) that addresses silviculture, utilization and visual aesthetic standards

SFI-17 Community Involvement in the Practice of Sustainable Forestry

Miitigoog and shareholder Weyerhaeuser are members of the Central Canada SFI Committee – see <http://www.sficentralcanada.org/about.html>

As per 17.1.1 see CCSIC website <http://www.sficentralcanada.org/index.html> for:

- Central Canada SIC brochure
- Central Canada SIC “A Guide to Best Management Practices for Forest Operations in Northern Ontario”
- SAR/IS
- Central Canada SIC Web Page

Miitigoog’s management responsibilities on the Kenora Forest is limited to Crown land – MNR is the Crown agency that oversees management of Crown land in Ontario

Ontario Lands for Life process lead to setting aside of areas on Crown lands for protection– see http://www.mnr.gov.on.ca/en/Business/LUEPS/2ColumnSubPage/STDU_137970.html

Miitigoog also addresses protection issues through the forest management planning process – see http://www.mnr.gov.on.ca/en/Business/Forests/2ColumnSubPage/STEL02_163549.html and the 2012-22 KF FMP

Weyerhaeuser (Miitigoog shareholder) is signatory to the Canadian Boreal Forest Agreement (CBFA), currently involved in discussions. – see <http://canadianborealforestagreement.com/index.php/en/signatories>

Alneau Peninsula deferral of harvest in 2012 FMP modeling for 20 years – First Nations concerns

MNR sets direction on land use policy (CLUPA) – see http://www.mnr.gov.on.ca/en/Business/LUEPS/2ColumnSubPage/STDU_137972.html

Miitigoog knowledge comes through regular interaction with MNR and attendance at regular training sessions.

Over 40 information centres regarding forestry and Miitigoog and FN groups (e.g. Grand Council Treaty 3, municipalities)

Miitigoog membership and participation in CCSIC.

Central Canada SIC Web Page

CCSIC has an outreach program, public website, public events, etc that are supported by Miitigoog and Weyerhaeuser through memberships in CCSIC.

As part of the development of the Kenora 2012-2022 Forest Management Plan (FMP), the Local citizens committees (LCC) for Kenora was involved in a number of educational forest management planning sessions based on the 1996 Forest Management Planning Manual (FMPM). These sessions also included a number of local First Nations representatives and other stakeholder representatives from the logging community, and other wood industry users. In addition, mailouts were made to a large number of the public, and advertisements were placed in the local newspapers (e.g. Kenora Daily Miner & News, Wawatay) regarding the opportunities to participate in the development of the

Presentations are made by Kenora planning staff every March to the LCC

During these meetings with the LCCs, offers are extended to organize a forestry tour of the Kenora Forest for LCC members.

The Central Canada SFI Implementation Committee (CCSIC) maintains the primary responsibility for receiving SFI program related complaints against program participants in Ontario and determining if they warrant investigation and ensuring credible response.

<http://www.sficentralcanada.org/Inconsistent-Practices.html>

No complaints to CCSIC over Kenora Forest/Miitigoog

SFI-18 Public Land Management Responsibilities

Forest management planning process for Ontario Crown lands requires extensive Aboriginal, public and stakeholder consultation – See

http://www.mnr.gov.on.ca/en/Business/Forests/2ColumnSubPage/STEL02_163511.html

MNR is a member of the forest management planning team and MNR approves the FMP – see m2012-22 KF FMP list of planning team members and certification page contained in the plan

2012-22 KF FMP Supp Doc C – Summary of Aboriginal Involvement; Supp Doc I – Summary of Public Input

Miisun (Miitigoog parent company) shareholders include area Aboriginal communities – community members sit on the Board of Directors

2012-22 KF FMP Supp Doc B – Aboriginal Background Information Reports; Supp Doc C – Summary of Aboriginal Involvement

Miitigoog General Manager maintains extensive documentation of discussions with Aboriginal community representatives and community members

SFI-19 Communications and Public Reporting

Summary reports posted for 2011, 2012, 2013 - see <http://www.sfi-program.org/sfi-standard/audit-reports/params/filter/All/>

Report covers requirements of SFI 2010-2014

Records maintained at Miitigoog office

SFI-20 Management Review and Continual Improvement

Management Review Process – Version April 2013

Miitigoog conducts reviews of the Environmental Management System and SFI programs to ensure its continuing suitability, adequacy and effectiveness. – reviewed and approved by Miitigoog BOD April 29, 2013; review conducted by Miitigoog Management Advisory Committee April 29/13

Addresses the possible need for changes to policy, objectives, and other elements of the Environmental Management through consideration of:

- review of previous management review and action items
- audit results
- changing circumstances (legal, SFI Standard, CCSIC)
- Incident tracking database
- training requirements
- changes to SFI evidence package
- Miitigoog EMS/SFI policy
- SFI roles and responsibilities

OFI - Forest Operations Committee and monthly reports contribute to the management review process

Management Review Process requires review be conducted minimum of annually.

Last review conducted:

- Management Advisory Committee – April 29/13
- Miitigoog BOD – Apr 29/13



Wildlife trees retained as part of harvest prescription

SAI Global forestry specialist group registers/certifies forest companies to ISO 14001, OHSAS 18001, CSA Z809 and CSA Z804 SFM, SFIS, SFI CoC, PEFC CoC. QMI-SAI Global registers/certifies forest companies to FSC FM and CoC The group, led by Sylvain Frappier, Technical Manager - Forestry, consists of a highly qualified team of professional foresters, technical and industry experts. Contact certification.americas@saiglobal.com for more information.

Company Contact:

Mr. Shannon Rawn
510 Ninth St. North, Kenora, ON P9N 2S8
Tel. 807-467-3351

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