

PUBLIC SUMMARY 3rd SURVEILLANCE (2nd CYCLE) ON MASAMA FOREST PLANTATION MANAGEMENT UNIT FOR FOREST MANAGEMENT CERTIFICATION

Certificate Number: FMC-FP 00003

Date of First Certification: 30 December 2019

Audit Date: 22 - 24 November 2022 Date of Public Summary: 27 Jan 2023

Certification Body:

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EXECUTIVE SUMMARY

This surveillance audit on the Masama Forest Management Unit (hereafter referred as the Masama FPMU) was conducted from 22nd to 24th November 2022 to assess the continuous compliance of the overall forest management system of the Masama FPMU against the requirements of the *Malaysian Criteria and Indicators for Sustainable Forest Management Certification* (MC&I SFM - MTCS ST 1002:2021) using the verifiers stipulated for Sarawak. The scope of this surveillance audit was limited to the forest management system and practices on the forest plantation within the Masama FPMU.

This surveillance audit was conducted by a 2-member team comprising Mohd Razman Salim (Lead Auditor) and Ismail Adnan Abdul Malek (Auditor).

Based on the findings of this surveillance audit, it was found that Masama FPMU had continued to comply with the requirements of the MC&I SFM. This surveillance audit had resulted in the issuance of five (5) minor Non-Conformance Reports (NCRs) and one (1) Observation for Improvements (OFIs) were raised.

This public summary contains the general information on the Masama FPMU, the findings of the surveillance audit, NCRs raised as well as the decision on the continued certification of the FPMU.

1.0 INTRODUCTION

1.1 Name of FMU

Masama Forest Plantation Management Unit (FPMU)

1.2 Contact Person and Address

Mr Tiong Sian Kiing Administration Manager Shin Yang Forestry Sdn. Bhd. Lot 515, Jalan Datuk Edward Jeli Piasau Industrial Estate 98000 Miri, Sarawak

Phone # : 085-656699 Fax # : 085-652999

1.3 General Background on the Masama FPMU

The Masama FPMU is managed by the Shin Yang Forestry Sdn. Bhd. under a *License for Planted Forest (LPF)* with a validity period from November 1999 until November 2059, granted by the Forest Department of Sarawak. The licensed area consists of stateland area in Selangau and Anap Protected Forest in Tatau.

The certification of Mesama FPMU is covering an area of 11,946 ha out of 36,256 ha of the Masama Estate total area. Nevertheless, only 8,421 ha is eligible for planting. The company is committed in the management of the FPMU on a sustainable basis.

The management of the FPMU had decided to plant a medium size fast growing exotic and indigenous tree species with average cropping cycle of 7 to 10 years or more. The targeted harvesting volume was set at 1000 m3 or 30 ha per month. A Forest Plantation Management Plan (FPMP) covering the period from 2015 to 2025 had been presented during the audit.

A map of the FMU showing the significant features of the forest is attached in Attachment 1.

1.4 Date First Certified

30 December 2019

1.5 Location of the FMU

The FMU is located between latitudes 02^o 26' 00" N to 02^o 32' 46" N and longitudes 112^o 51' 21" E to 113^o 02' 02" E in the Tatau District, Bintulu, Sarawak.

1.6 Forest Management System

The FPMU had followed the principles of sustainable forest management (SFM) and the requirements of the Licence Agreement of the State government. A Forest Plantation Management Plan (FPMP) 2015 to 2025 was presented during this audit.

1.7 Annual Allowable Cut/Annual Harvest under the Forest Management Plan

Under the Forest Plantation Management Plan (FPMP, 2015-2025), the targeted harvesting volume was set at 1000 m3 or 30 ha per month. During this surveillance audit, the size of the FPMU involves is 11,946 ha.

1.8 Environmental and Socioeconomic Context

The *Environmental Impact Assessment* (EIA) Report for the Proposed Selangau-Tatau Forest Plantation Located in Mukal and Tatau conducted by JB Agriculture Management Services was completed in 2000. The report had indicated an absence of endangered, rare and threatened species of flora and fauna within the plantation. A total of five water catchments located within the FPMU were conserved as HCV areas. The water catchments are used by Rh Wan, Rh Dilang & Rh Medan, Rh Kelisop, Rh Anai and Masama Plantation. Six settlements were observed in the Masama FPMU who live within and in the vicinity of the FPMU. The main ethnic groups of the indigenous peoples in the six settlements are Iban (Rh Dilang, Rh Johnny, Rh Anai, Rh Nyanau) and Beketan (Rh Wan and Rh Kelisop). A total of 1,126 ha was excluded by the Masama FPMU from its planting, harvesting and development activities to be used by the local communities as *Shifting Agricultural* (SA) areas. Apart from SA, fishing and collection of forest produce as source of living, the local community members were also hired to work in various sections within the FPMU.

2.0 AUDIT PROCESS

2.1 Audit Dates

22 to 24 November 2022, 6 auditor day(s).

2.2 Audit Team

Mohd Razman Salim (Lead Auditor) Ismail Adnan Abdul Malek (Auditor)

The details on the experiences and qualifications of the audit team members are as in Attachment 2.

2.3 Standard Used

Malaysian Criteria and Indicators for Sustainable Forest Management Certification (MC&I SFM) using the verifiers stipulated for Sarawak, Malaysia.

2.4 Stakeholder Consultations

A one-month stakeholder consultation was conducted beginning October 2022 to solicit feedback from stakeholders on the compliance of the Masama FPMU against the requirements of the MC&I SFM. Nevertheless, no comment was received from the stakeholders during the period (**Attachment 3**).

2.5 Audit Process

The audit was conducted primarily to evaluate the level of continued compliance of the Masama FPMU's current documentation and field practices in forest management with the detailed of the standard of performances (SOPs) listed in the MC&I SFM, using the verifiers stipulated for Sarawak.

For each Indicator, the auditors had conducted either a documentation review, consultation with the relevant personnel of the FMU, local community or stakeholders or field audit or a combination of these methods. Depending on the compliance with the verifiers for a particular indicator, the auditors then decided on the degree of the FPMU's overall compliance with the indicator and decided whether to issue a major or minor NCR or an OFI which is defined as follows:

- (i) a major NCR is a non-compliance with the requirements of the MC&I SFM;
- (ii) a minor NCR is a deviation or a lapse in complying with the requirements of the MC&I SFM; and
- (iii) an OFI is a situation where the auditor has noted an area of concern on the capability of the forest management system to achieve conformance to the requirements of the MC&I SFM but without sufficient objective evidence to support a non-conformance.

The audit team had conducted an onsite consultation with the relevant stakeholders during the surveillance audit. The consulted government agency was Labour Department (Bintulu) and local community including Masama Corporate Community Relationship Committee (CCR), Rh Dilang, Rh Kelisop, Rh Johnny and Rh Wan.

The coverage of this surveillance audit is as shown in the surveillance Audit Plan in Attachment 4.

The Masama FPMU had sent a corrective action plan to the audit team to address the major and minor NCRs which the audit team had reviewed and accepted them. The audit team had prepared an interim surveillance audit report and sent it to the Masama FPMU for comment. A final surveillance audit report which had incorporated the comments received from the Masama FPMU was then prepared.

3.0 SUMMARY OF AUDIT FINDINGS

Based on the findings of this surveillance audit, it was found that the Shin Yang Forestry Sdn. Bhd. had continued to manage the Masama FPMU in compliance with most of the requirements of the MC&I SFM. This surveillance had resulted in the issuance of five (5) minor NCRs and one (1) OFI. The details on the NCRs/OFIs raised are shown in **Attachment 5.**

The audit team had reviewed and accepted the company's proposed corrective actions to address the five (5) minor NCRs. However, these corrective actions shall be verified by the audit team during the next audit.

The audit team had also verified on the corrective actions taken by the Masama FPMU to address all the major, minor NCRs and OFIs which were raised during the previous audit. The responses made by the audit team leader on these corrective actions and on the final status of the NCRs and OFIs are as in **Attachment 6**.

With regard to Criterion 6.10, there was no new conversion of the PRF to forest plantations or other non-forest land uses during the intervening period since the last audit. The size of Masama FPMU with total area of 36,256 ha which is located within the Anap Protected Forest has therefore remained the same.

As the major NCRs raised during previous surveillance audit had been closed out, the audit team had therefore recommended that the Certificate for Forest Management be awarded to the Shin Yang Forestry Sdn. Bhd. - Masama FPMU be maintained.

The summary on the findings of the surveillance audit on the Masama FPMU against the requirements of the MC&I SFM (Sarawak) are as follows:

Principle	Strengths	Weaknesses
Principle 1 Compliance with Laws and Principles	Copies of all updated relevant laws, policies and regulations stipulated in the MC&I SFM fundamental for the FPMU management were available. They were listed in the Master list of Laws, Regulation, Policy, International Agreements & Conventions and Guidelines. The records of payments for annual license fee, annual rent, nursery and royalty for any forest produce taken out of the forest plantation are well kept and updated.	

Principle	Strengths	Weaknesses
	The forest managers were aware of the international agreements such as International Labour Organisations Conventions (ILO), Convention of Biological Diversity (CBD), International Tropical Timber Agreement 1994, Convention on Wetlands, Waterfowl Habitat 1971, United Nations Framework Convention on Climate Change (UNFCCC) and Convention of International Trade of Endangered Species (CITES).	
	There was no conflict between laws, regulations and the Principles and Criteria occurred as stated in the management review meeting minutes for 2022.	
	Signboards stating "No hunting and fishing" are placed at all prominent spots within the FPMU including the main entrance gates which were guarded 24 hours. In addition, monthly patrols were conducted to control encroachment, illegal harvesting, hunting, fishing and settlement and other unauthorized activities.	
	License boundary between the FPMU and other licensee was marked with orange colour paint. While boundary between certified and noncertified coupe was marked with magenta colour paint. A signage 'LPF0019 MASAMA FPMU BOUNDARY' was also erected along the boundaries.	
	The Masama FPMU commitments towards the MC&I SFM Principles and Criteria was translated into a policy statement which was briefed to the staff in June and available online at www.shinyang.com.my/products-services/tree-plantation.html .	
Principle 2 Tenure and Use Rights and Responsibilities	There were six settlements observed in Masama FPMU who live within and in the vicinity of the FPMU. The main ethnic groups of the indigenous peoples in the six settlements are Iban (Rh Dilang, Rh Johnny, Rh Anai, Rh Nyanau) and Beketan (Rh Wan and Rh Kelisop). Another seven long houses, Rh Nyandang, Rh Sabang, Rh Janti, Rh Suang, Rh Nira, Rh Matu and Rh Medan are located about 3 km or more from the FPMU boundary.	
	The License for Planted Forests License no. LPF/0019 was issued to Shin Yang Forestry Sdn Bhd for a period from 1999 until 2059, enabling the legal use rights by Masama FPMU.	
	A total of five water catchments located within the FPMU were conserved as HCV areas as	

Principle	Strengths	Weaknesses
	described in the Forest Plantation Management Plan (FPMP, 2015-2025). The water catchments are used by Rh Wan, Rh Dilang & Rh Medan, Rh Kelisop, Rh Anai and Masama Plantation. A total of 1,126 ha of Shifting Agricultural (SA)	
	areas which used by the local communities was excluded by the FPMU from its planting, harvesting and development activities. The SA areas accounted about 9.4% of the total certified area (11,946 ha) in the Masama FPMU.	
	The SOP, Mechanism to Resolve Local Communities Issues, describes mechanisms for resolving any land claims. A flow chart in the SOP (Chart Mechanism to Resolve Local Issues) shows the Grievance Procedure Process Flow to resolve any conflicts and grievances raise by the local communities. Three staff were appointed as responsible personnel in handling issues raised by the local communities. Latest meeting with the local communities was held in July 2022.	
Principle 3 Indigenous People's Rights	The burial ground of Rh Wan, SA areas and water catchments within the certified area were marked on the <i>Map of conservation and HCV within Masama FPMU</i> . The SA areas were under the control of the respective long houses i.e., Rh Wan, Rh Kelisop and Rh Dilang which located within or vicinity of the FPMU.	
	The villagers' confirmed that there was free access to their agricultural site, areas of cultural significance and water catchments. Procedure for identifying and protecting sites of special cultural, ecological, economic or religious significance to indigenous peoples and provisions for rights of access to these sites was described in the <i>Procedure to Monitoring Social, Ecological, Environmental and Economic Impacts</i> .	
	Documentation of traditional forest related knowledge and practices of indigenous peoples in use such as fishing, hunting, jungle produce (especially handicraft materials) for own consumption was recorded in the Social Impact Assessment (SIA) Report for 2018-2023 (Rec.002).	
	The SOP, Mechanism to Resolve Local Communities Issues also outlined procedures handling the loss and damage from the forest plantation management activities affecting the legal or customary rights, property, resources or	

Principle	Strengths	Weaknesses
1	livelihoods of local peoples and provision fair compensation to the affected party.	
Principle 4 Community Relations and Workers' Rights	Records on consultation with the local communities conducted in July and August 2022 had included results of socio-economic programmes that commensurate with the scale and intensity of forest management operations.	
	The Masama FPMU management provides support for the training, retraining, infrastructure, facilities and socio-economic of the forest plantation management operations. Briefing and in house training were provided for the staff and workers as planned from March to September 2022.	
	Qualified people from the surrounding communities were given preference in employment opportunities wherever possible. Advertisement on employment opportunities and information of job openings was distributed to the longhouses within the FPMU. The SOP, Mechanism to Encourage Locals to be Employed is used as guidance in the employment process.	
	The employment record shows that a total of 43 workers, comprising 26 local workers and 17 foreign workers, were employed by the FPMU. Out of it, 15 workers are indigenous peoples from Iban, Beketan, Kenyah and Melanau ethnic.	During site visit at genset room managed by Shin Yang Sdn Bhd, it was observed that, 1. Unsafety condition was found for wooden stair, water puddle, and grassy area at the
	Written policy on the occupational safety and health of the forest plantation workers was available in English and Bahasa Malaysia. Poster on the <i>Occupational Safety and Health Policy</i> was displayed at the main office, workshop, canteen and quarters.	front of the genset area. 2. Walking path inside the genset area was blocked with empty drum, wire, wood, etc. 3. No containment for leaking oil from one of the genset unit.
	SOPs for working practices and machinery operation are available. Field workers at the harvesting site were observed wearing hard hats, safety vests and shoes during field operation. Interview conducted with workers at the workshop and nursery found they were aware of the health and safety requirements as well as the availability guidelines for demarcation of hazardous areas and provision for storage and handling of hazardous materials.	 4. 1 drum containing empty oil filter and 3 empty drums were placed at the front of the genset room. 5. Precaution and safety awareness signboard was placed on the ground inside the genset room. (Minor NCR MRS01/2022) Verification of documents found:
	Safety and Health Committee was established together with an appointment of a Safety Coordinator to represent the FPMU during OSH meeting. There was no accident occurred in	1. No Employee Representative Committee /or Employee representative (elected by workers) available for the

Principle	Strengths	Weaknesses
	2021 and from January to October 2022 based on annual accident report submitted to DOSH in January 2022.	purpose of consultation between employees and management of Masama FPMU
	Memo on workers' right to freely organize or join unions of their choice in accordance with the 1) Article 10(1)(c) Malaysian Constitution 2) ILO No. 98 Convention and 3) Section 8 and 9, Trade Union Act 1959 was posted on the notice boards at the main office, canteen, quarters and workshop.	No employees' representatives for gender, work and country categories elected by employees. (Minor NCR ISMA 02/2022)
	The right of workers to employment benefits and social protection at Masama FPMU was assured under applicable law and/or regulations.	The Worker's Employment contracts was not written in both languages, English and Bahasa Malaysia.
	A social impact assessment (SIA) baseline study had been conducted and reported in the Social Impact Assessment Report for LPF0019: Masama FPMU Rev 002, 2018-1023. Results of the SIA were incorporated into the Forest Plantation Management Plan. Latest SIA on the local communities was conducted in July and August 2022.	(Previous OFI was upgraded to Minor NCR ISMA 01 2022).
	Any grievances involving loss or damage affecting the local people's legal or customary rights, property, resources, or their livelihoods is resolved based on procedure for "Mechanism to Resolve Local Communities Issues".	
Principle 5 Benefits From the Forest	The Annual Work Plan & Budget for Year 2022 had outlined the annual operating and development budget and expenditure. Investments and reinvestments were allocated for administrative, nursery, planting, block maintenance, research and development (R&D), harvesting, conservation, social community.	
	Other than log, there was no minor forest produce extracted from the FPMU. Total logs extracted from the FPMU from January to October 2022 was 10,597.88 m³. The logs were sent and processed in Bintulu.	
	The harvesting operations conducted by the Masama FPMU was in accordance with the SOPs; Reduced Impact Logging (RIL), Guidelines/Procedures for Ground Based Harvesting System using Tractor". and inhouse developed 'Reduced Impact Logging (RIL) Harvesting Operation (Rev.2). In house training on reduced impact logging and tree felling activities was conducted in June 2022.	

Principle	Strengths	Weaknesses
	Although dominated by <i>Paraserianthus</i> falcataria trees, there were areas with other tree species such as <i>Neolamarckia cadamba</i> , <i>Acacia auriculiformis</i> , <i>Duabanga malucana</i> , <i>Eucalyptus spp</i> and <i>Azadirachta excelsa</i> .	
	Protected areas i.e., slopes of more than 35 degrees (Terrain IV), Stream buffer zone (SBR) or river buffer, wildlife corridors and waters catchment areas (for local communities) were excluded from logging activities. The areas were demarcated in the Map of conservation and HCV area within Masama FPMU in accordance with the Procedure for Identify and Demarcate Sensitive Areas for the Protection of Soil and Water 1999 and Procedure and Guidelines for Identification, Demarcation, Mapping and Conservation (Rev.2).	
	Since the harvested logs are for the production of plywood, only logs with diameter greater than 10 cm were harvested. Based on available data from the PSPs, the cutting rotation would be around 10 years. Targeted harvesting tree volume per month is 1,000 m³/month or 30 ha/month. The rate of harvest met the FPMP and Annual Work Plan volume as approved by the FDS.	
Principle 6 Environmental Impact	The Environmental Impact Assessment (EIA) Report for the Proposed Selangau-Tatau Forest Plantation Located in Mukal and Tatau was completed by JB Agriculture Management Services in July 2000. The report was approved by the Natural Resources and Environmental Board (NREB) with a condition that an Environmental Monitoring Report (EMR) must be submitted every quarter to the NREB. The EMR for year 2022, was conducted by Ecosol Consultancy Sdn. Bhd., with proposed mitigation measures endorsed by the NREB. The FPMP had incorporated those measures accordingly.	
	A total of 3,525 ha or 30% of the FPMU had been excluded from planting activities to protect and conserve the residual of fauna population, biological corridor, residual patches of forest trees together with riparian buffer belts and steep areas. This is in accordance with the Guidelines for the Conservation of Genetic, Species and Ecological Diversity.	
	The monthly monitoring had included on the safety of the FPMU area, wildlife and illegal hunting monitoring, HCV areas and exotic	Briefing for the forest workers (logging team) on the protection of plants and wildlife

Principle Strengths Weaknesses species monitoring and any illegal activities that classified as endangered, occurring within the plantation area. It was rare and threatened species for recorded in the Forest Patrol Records where the year 2022 has not been latest monitoring conducted was in October conducted. 2022. (Minor NCR MRS02/2022) Briefing on endangered, rare and threatened species of forest flora and fauna found in the FPMU as listed in the Wildlife Protection Ordinance, 1998 was conducted for the staff in September 2022. Posters on the protection of plants and wildlife were displayed at the main road's junctions. Lists and posters of protected species of flora and fauna were also displayed at the Pahlawan camp and Makop nursery. Awareness briefing on the endangered, rare and threatened species to the local communities was conducted during a meeting with local communities as recorded in the Minit Mesyuarat Bersama Masyarakat Tempatan in July and August 2022. In addition, posters on the protected plants and wildlife have also been distributed to the committee members. The FPMU had prepared a map on the establishment of biological corridors and residual forested sites within the forest plantation. There was a clear indication on the linkage of areas of Class IV terrains with river buffer zones that had been identified. The sites were demarcated on the ground for protection as well as on the map. The existing natural forest ecosystem such as terrain class IV area, stream bank reserves along Sg. Makop and Sungai Anap, and HCV sites had been marked and mapped for protection. Along Sungai Anap, a riparian buffer belt is maintained and demarcated as a shifting agriculture area for the local communities. Guidelines for forest road lay-out construction, including log landings and drainage requirements were described in the Procedure and Guidelines for Road Layout. Construction and Maintenance and Instruksi Kerja – Penyediaan Tempat Tanam. The harvesting process was conducted in accordance with the Reduced Impact Logging (RIL), Guidelines/Procedures for Ground Based Harvesting System using Tractor and in-house Reduced Impact Logging (RIL) Harvesting Operation.

Principle	Strengths	Weaknesses
	Forest fire management plan for Masama FPMU was established to promote preventive and proactive measures against forest fire. Latest inspection on the forest fire equipment were conducted in November 2022.	
	Use of chemicals was described in the Handling of Chemical (Instruksi Kerja Penggunaan Racun), Instruksi Kerja Penyediaan Medium, Procedure for Personal Protective Equipment, and Procedure for Chemical Spray-land Preparation. Records of chemical usage in the nursery including fertilizers, fungicides and insecticide for year 2022 (Jan-Sept) was available.	
	The commitment on the use of environmentally friendly non-chemical methods of pest management and prohibition of use of banned pesticides was described in the FPMU's <i>Policy of Commitment - MC&I for Sustainable Forest Management</i> dated 24 April 2021.	A metal pan container for the purpose of storing unused and used engine oil and paint in the field was not available. (OFI)
	All chemicals were stored in a designated place and labelled with SDS sheets. A book was established for chemical stock inventory and usage.	
	Training on chemical storage and handling was conducted for all nursery workers in June 2022. Interviews with nursery workers found they were aware of the procedures on the use of chemical, especially during the spraying activities. A procedure on <i>Chemical Use and Handling</i> was available and posted at the nursery notice board.	
	The plan for the reduction of use of chemical pesticide was documented in the <i>Chemical Pesticide Reduction Plan in LPF0017 FPMU</i> . Monthly monitoring for year 2021 and 2022 had been conducted as planned and updated in September 2022.	
	Disposal of all scheduled wastes such as spent lubricant oil (SW305) and contaminated filter (SW410) were done according to the <i>Internal Handling of Scheduled Waste</i> procedure for waste disposal of solid non-organic wastes.	
	Notification to DOE for schedule wastes and Inventory of Scheduled Wastes (Fifth Schedule) was conducted in September 2022 through Electronic Scheduled Waste Information System (eSWIS). The FPMU had appointed a license contractor, E-Concern (M) Sdn Bhd to collect all scheduled waste. A Logistic Officer	

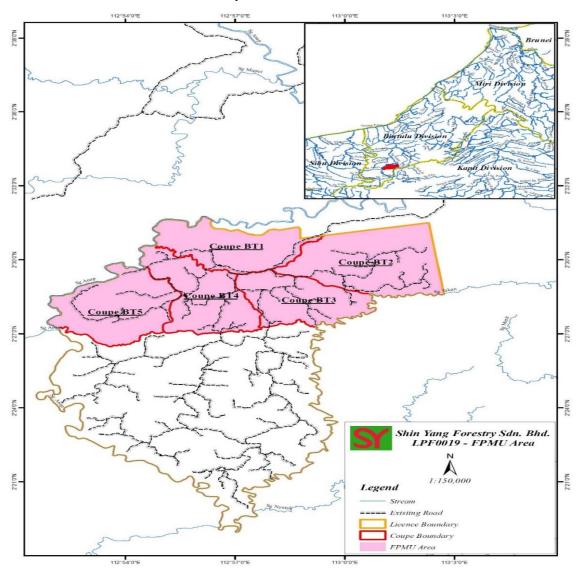
Principle	Strengths	Weaknesses
	(HQ) was appointed to manage all scheduled waste from all LPFs.	
	The FPMU had been granted permission by the Plant Quarantine Division, Department of Agriculture, Sarawak for importing of exotic species seeds such as <i>Paraserianthes falcataria</i> , <i>Acacia mangium</i> , <i>Eucalyptus pellita</i> and <i>Eucalyptus deglupta</i> . Batai (<i>Paraserianthes falcataria</i>) is the main species planted in the FPMU.	
	Monitoring of the exotic species planted was done on monthly basis. Latest monitoring was conducted in October 2022. R&D on pests and diseases monitoring have been carried out as recorded in the <i>Pest and Disease Condition</i> report.	
	Record showed that only the first 5 coupes of the Masama FPMU were cleared and planted prior to 2010 which accounted about 11,946 ha and eligible for certification. Out of this area (11,946 ha), only 8,421 ha had been planted in 2009 where 1,126 ha was designated for Shifting Agricultural (SA) area for the local communities. About 352 ha were protected under Terrain IV, 141 ha were protected as buffer belts and 1,979 ha for conservation of natural forest.	
Principle 7 Management Plan	A ten (10) year Forest Plantation Management Plan (2015-2025), Rev.011 was approved on 18 th November 2022 by the Executive Director. It includes consideration of risks and opportunities concerning compliance with the requirements of the standard.	
	Depending on the results of monitoring, policy changes, new information and changes in downstream planning or requirements, the amendment and revision of the Management Plan is scheduled for every 5 years. The Forest Manager had attended two online training on the new scientific and technical information in 2021.	
	As scheduled 2022, training was provided for employees, staff and managers on topics relevant to their job responsibilities such as training on PPE, Forest Fire, Emergency, Response Programme, Ordinance Perlindungan Hidupan Liar 1998 and etc. in June, July, August and October 2022.	
	A summary on the primary elements of the forest management plan is available to the public at	

Principle	Strengths	Weaknesses
	https://www.shinyang.com.my/products-services/tree-plantation/lpf0019-masama-estate.html.	
Principle 8 Monitoring and Assessment	A document on established PSPs for the monitoring of the health and growth conditions of the plantations was available. A total of 8 PSPs has been established with the size of each plot was 30 m by 30 m.	
	The environmental monitoring activities were conducted, and a report titled; The Environmental Monitoring Report (EMR) for the Selangau and Masama Estates under LPF/0019 in Sibu and Bintulu Divisions, Sarawak for year 2022 was produced by Ecosol Consultancy Sdn. Bhd. The report was submitted to the NREB quarterly.	
	An internal audit (IA) was conducted in December 2021 with 3 Minor NCRs and 1 OFI were raised. Following the internal audit, a management review meeting (MRM) was conducted in January 2022 to review the IA results and MC&I SFM performance for year 2021.	
	A total of 11,652 m ³ of logs were extracted in 2021 and 10,598 m ³ in 2022.	
	Based on growth data collected from the Permanent Sample Plots (PSPs) between July to September 2022, it shows that growth the rate of <i>Albizia falcataria</i> species was approximately at 146.12 m ³ /ha.	
	The water qualities within the FPMU as reported in the 3 rd quarter of the EMR for 2022 shows that it was complied with the Class IIB standards.	
	The origins of logs extracted are traceable up to the logging block and coupe number through removal pass as according to the SOP and COC flow chart.	
	The Forest Plantation Management Plan for Masama (Rev.011, 2015-2025) had incorporated the latest findings of the monitoring activities.	
	A brief summary of the data obtained from the monitoring is presented in the public summary at	
	https://www.shinyang.com.my/products- services/tree-plantation/lpf0019-masama- estate.html	

Principle	Strengths	Weaknesses
Principle 9 Maintenance of High Conservation Values	The presence of the HCVs within the FPMU was reported in "The Assessment of High Conservation Value Area Assessment (HCVA) in Shin Yang Masama Tree Plantation Coupes 1-5 of LPF 0019 (T/4212)" document. The HCV monitoring was conducted in accordance with the <i>Procedures to Monitor Social, Ecological, Environmental and Economic Impacts for LPF0019: Masama FPMU,</i> monthly. Results and findings of the HCV monitoring activities have been incorporated in the Forest Plantation Management Plan (Rev.011) on a yearly basis. The cultural site of old burial area belongs to Rh. Wan and salt lick area found in the FPMU were well demarcated and protected. A revised Public Summary of the Masama FPMU is available on the website at https://www.shinyang.com.my/products-services/tree-plantation/lpf0019-masama-estate.html	The management and monitoring of the HCVs area are not fully implemented by the FPMU: 1. During site visit at old and new salt licks in Coupe BT4 Block 17 at GPS coordinate N 02° 28′ 58″ and E 112° 55′ 58″, there was no buffer marking minimum of 100m as per recommended by the HCV assessor. 2. Annual monitoring for year 2022 was not conducted for the salt lick area (Coupe BT4 Block 17) and water catchment Rh. Anai (latest monitoring on 19 May 2021). 3. The FPMU has carried out annual forest inventory for endemic and ERT tree species for HCV 1.2 and HCV1.3 in Coupe BT4 Block 23 (latest on 3 August 2022). However, there was no identified endemic and ERT tree species in the protected area. Only commercial tree such as kapur/keladan, meranti, kayu malam were recorded in the inventory record sheet. (Minor NCR MRS03/2022)

Attachment 1

Map of Masama FPMU



Experiences and Qualifications of Audit Team Members

Assessment Team	Role/Area of MC&I Requirement	Qualifications and Experience
Mohd Razman Salim	Assessment Team Leader / Forester	Academic Qualification: B.Sc of Forestry (Forest Production), University Putra Malaysia.
		Work Experience:
		Five years experienced as Research Officer at the Forest Research Institute Malaysia (FRIM) since 2007 in a various area such as ecological research for lowland and hill dipterocarp forest, Geographic Information Systems, forest inventories, forest harvesting and forest management system (SMS). Participate in organizing committee member, division level activities and projects. Coordinate and collaborate a long-term ecological plot and inventory data about 25 years at the Pasoh, Negeri Sembilan with Negeri Sembilan Forestry Department, universities (local & international) and NGOs. Published and presented research findings at the seminars and conferences. Currently as Auditor at the Food, Agriculture and Forestry Section (FAF), SIRIM QAS International Sdn Bhd, since 2013. Involved in conducting assessments on forest management certification [MC&I (Natural Forest)] & [MC&I (Plantations)], MYNI of RSPO P&C and other management systems on ISO 9001, 14001 and OHSA 18001
		Training / Research Areas:
		Auditor Training Course on Malaysian Criteria and Indicators for Forest Management Certification [MC&I (Natural Forest)] & [MC&I (Plantations] organized by MTCC, 1-4 December 2013.
		EMS 14001: 2004 Lead Auditor Course organized by SIRIM Training Services Sdn Bhd, 18-22 March 2013.
		OHSAS 18001: 2007 Lead Auditor Course organized by SIRIM Training Services Sdn Bhd, 11-15 March 2013. QMS 9001: 2008 Lead Auditor Course organized by SIRIM Training Services Sdn Bhd, 4-8 March 2013.
Ismail Adnan	Auditor/	Academic Qualification:
Abdul Malek	Forester	Master of Forestry (Forest Harvesting), University of British Columbia, Canada.
		Work Experience:
		One year experience as Sub Assistant Conservator of Forest from 1974 to 1975. In charge of Kuantan Forest District (Administration). Seven years (1979 – 1986) experience as Forester/Logging Superintendent) at Syarikat Jengka Sdn. Bhd, Jengka, Pahang. Specific duties were Mapping and supervising Forest Management and Logging Operations. Twenty-five

(25) years experienced as Senior Lecturer at the Faculty of Forestry, Universiti Putra Malaysia, Serdang, Selangor. Responsible for Forestry Teaching, Research and Extension. Had taught subjects in Forest Management, Forest Harvesting and Geo-spatial technology (Remote sensing & GIS) and had supervised student research at both undergraduate and graduate (Master/PhD) levels. Had received grants and carried out research in Forest Management, Forest Harvesting and Forest Management System (SMS). Participated as Resource Person/Organizing Committee member for Training and Seminar/Conferences held at both Local and International levels organized by the faculty. Published and presented research findings in Forestry Journals/Publications and proceedings of local and international seminars/ conferences attended. Currently as Auditor at the Food, Agriculture and Forestry Section (FAF), SIRIM QAS International Sdn Bhd, since 2016. Involved in conducting assessments on forest management certification MC&I (Natural Forest) & MC&I (Plantations).

Attended and pass the following training programmes:

- Auditor Training Course on MC& I (Natural Forest) and MC&I (Forest Plantation V2) (SIRIM QAS Sdn. Bhd), 9th-10th July 2015.
- EMS 14001: 2004 Lead Auditor Course organized by SIRIM Training Services Sdn Bhd, 23rd-27th Nov 2015.
- Training on Auditing Techniques (SIRIM QAS Int. Sdn. Bhd), 26th January 2016.
- RSPO Lead Auditor Training organized by Wild Asia Sdn Bhd, 10th 14th October 2016

Attachment 3

Comments Received from Stakeholders and Responses by Audit Team Leader

No.	Stakeholder	Comments/Issues Raised	Response by Audit Team
1.	Stakeholder 1	NA	NA

Surveillance Audit Plan

		COVERAGE OF ASSESSMENT		
DAY	TIME	AUDITOR 1 (Razman)	AUDITOR 2 (Ismail Adnan)	
Day 0 8.25 – 10.40 am Travel from KLIA to Bintulu Monday (21 Nov 2022) • Travel from KLIA to Bintulu KUL - BTU: 8:25 – 10:40 (MH2742)				
	12.00 – 5.00 pm	 Travel from Bintulu to Masama base camp Briefing by the Audit Team Leader on the surveillance audit plan 		
 Day 1 Tuesday (22 Nov 2022) Briefing session by Forest Manager of the Q&A Session Documentation review Evaluation of changes to the manageme Check on progress of planned activities overall performance Check on complaints and follow-up action Evaluate on procedures for internal audit Evaluate on management review system Verification of NCRs raised during the principle 		 Documentation review Evaluation of changes to the management of the FPMU Check on progress of planned activities aimed at enhancing 	ng the operation system to achieve improvement in	
	9.30 am – 5.00 pm	 Documentation Review Principle 1 – Compliance with Laws Principle 5 – Benefits from the Forest Principle 6 – Environmental Impact Principle 7 – Management Plan Principle 8 – Monitoring and Assessment Principle 9 – Maintenance of High Conservation on Value Area 	 Documentation Review Principle 2 – Tenure and Use Rights and Responsibilities Principle 3 – Indigenous Peoples' Right Principle 4 – Community Relations and Workers' Right 	

	5.00 – 5.30 pm	Review of Day 1 Findings by Audit Team Leader	
Day 2 Wednesday (23 Nov 2022)	5.00 – 5.30 pm 8.00 am – 1.00 pm 2.00 – 5.00 pm	Review of Day 1 Findings by Audit Team Leader Site visit/inspection Harvesting area – Block 29 & 46, Coupe 3 (Albizia) Workers' housing (Rumah tarik) Planting area - Non Maintenance (slashing, spraying, manuring, etc.) - Non PSP i.Albizia – Block 10, Coupe 2 ii.Eucalyptus – Block 10, Coupe 2 HCV (Salt lick) – Block 17, Coupe 4 Stumping site – Block 39 & 44, Coupe 3 License boundary i.Block 11 & 12, Coupe 3 with Coupe 7 (uncertified area) ii.lkrar Bumi (Block 11, Coupe 2) Nursery Scheduled waste store Workshop Forest camp	Consultation with local community Masama Corporate Community Relationship Committee (CCR) Rh. Dilang (Outside FPMU) Rh. Kelisop (Outside FPMU) Rh. Johnny (Outside FPMU, near Coupe BT5) Rh. Wan Sg. Mina Logpond
Thursday 24 Nov 2022		 Genset room Briefing to representatives of FPMU on the progress of au Meeting with relevant stakeholders Review of Day 2 Findings by Audit Team Leader Travel from Bintulu to KLIA 11.30 – 13.45 (MH2743) 	ndit

Details on NCRs and OFIs Raised During This Surveillance Audit and Corrective Actions Taken

Indicator	Specification Major/Minor/OFI	Detail Non-conformances	Corrective Action Taken	Verification by Assessor
4.2.5	Minor MRS01/2022	Requirement: Demarcation of hazardous areas and provision of guidelines for storage and handling of hazardous materials. Objective evidence: Management of hazardous area and safety precaution were not implemented. Finding: During site visit at genset room managed by Shin Yang Sdn Bhd, it was found as listed below: 1.Unsafety condition was found for wooden stair, water puddle, and grassy area at the front of the genset area. 2.Walking path inside the genset area was blocked with empty drum, wire, wood, etc. 3.No containment for leaking oil from one of the genset unit. 4.1 drum containing empty oil filter and 3 empty drums were placed at the front of the genset room. 5.Precaution and safety awareness signboard was placed on the ground inside the genset room.	Root cause: Management of hazardous area and safety precaution were not implemented in the genset room because the person in-charge was not aware of the SOP. Corrective action plan: Relevant training will be given to the person incharge by 31.12.2022. 2. The wooden stair will be replaced, water puddle and grassy area at the front of the genset area will be cleaned. 3. The empty drum, wire, wood etc. at the walking path inside the genset area and the drum containing empty oil filter and empty drums were placed at the front of the genset room will be remove. 4. The containment for leaking oil from the genset will be installed. 5. The precaution and safety awareness signboard will be erected at the right place (in front of the genset room).	The corrective action plan was received on 21 December 2022. Verification of the root cause and corrective action plan for the non-conformity was verified and accepted by audit team on 27 December 2022. Status: The implementation and effectiveness of the corrective action plan will be verified during next audit.

4.3.1	Minor ISMA01/2022	Requirement: There shall be no restrictions for workers to freely organise into union of their own choice in accordance with ILO Convention No. 87. Finding: Employee Representative Committee /Employee representative for the purpose of consultation with Masama FPMU management not available. Objective evidence: Verification of documents at Masama FPMU found the following: 3. No Employee Representative Committee /Employee representative (elected by workers) available for the purpose of consultation between employees and management of Masama FPMU. 4. No employees' representatives for gender, work and country categories elected by employees.	Root cause: The management has issued a memo that there is no objection for workers to establish a trade union on 1/1/2018. However, employees do not really understand the purpose of trade union. Corrective action plan: FPMU will re-explain the purpose of trade unions and encourage them to form trade unions by 31.01.2023.	The corrective action plan was received on 21 December 2022. Verification of the root cause and corrective action plan for the non-conformity was verified and accepted by audit team on 27 December 2022. Status: The implementation and effectiveness of the corrective action plan will be verified during next audit.
4.3.3	Minor ISMA02/2022 (Upgraded from previous OFI)	Requirement: The right of workers to employment benefits and social protection is assured under applicable law and/or regulations. Finding: Verification of documents found Employment contract between Shin Yang – Masama FPMU and local workers was not available in multi languages. This NCR is an upgrade from the OFI against same indicator raised in the previous SA 2 Audit.	Root cause: The Employment Contract for the local workers are in English because it was prepared by the previous management. Corrective action plan: The Employment Contract will be revised with multi languages (Bahasa Malaysia and English) before 31.01.2023.	The corrective action plan was received on 21 December 2022. Verification of the root cause and corrective action plan for the non-conformity was verified and accepted by audit team on 27 December 2022. Status: The implementation and effectiveness of the corrective

		Objective evidence: 1.Employment contract between Shin Yang – Masama FPMU and workers was not available in both English and Bahasa Malaysia languages for the benefits of local workers that do not understand English. 2.Salary slips of workers for Shin Yang Forestry Sdn Bhd (Logging Contractors) shall have details and breakdowns of working, rest, production rates details and respective remuneration rates accumulation to emoluments received.		action plan will be verified during next audit.
6.2.5	Minor MRS02/2022	Requirement: Forest workers and local communities shall be made aware of endangered, rare and threatened species of forest flora and fauna found in the FMU. Finding: Forest workers yet to be made aware of endangered, rare and threatened species of forest flora and fauna found in the FMU. Objective evidence: The FPMU has yet to brief forest workers (logging team) for year 2022 on protection of plants and wildlife that is classified as endangered, rare and threatened species.	Root cause: The FPMU miss to brief the endangered, rare and threatened species of forest flora and fauna found in the FPMU due to the person in-charge miss to include the said training in the annual training schedule for year 2022. Corrective action plan: i. The relevant training will be provided to the logging team by 31.12.2022. ii. The annual training for year 2023 will be revise by 31.12.2022.	The corrective action plan was received on 21 December 2022. Verification of the root cause and corrective action plan for the non-conformity was verified and accepted by audit team on 27 December 2022. Status: The implementation and effectiveness of the corrective action plan will be verified during next audit.
9.4.1	Minor MRS03/2022	Requirement: Forest managers shall conduct, appropriate to scale and intensity of forest management operations, annual	Root cause: i. The said salt lick was not marking due to the surveyor misunderstanding the demarcation procedure.	The corrective action plan was received on 21 December 2022. Verification of the root cause and corrective action plan for the

monitoring to assess the effectiveness of the measures in the management of the HCV areas in the FMU.

Finding:

Management and monitoring of HCVs area were not fully implemented by the FPMU as listed below:

- 1.Buffer zone for salt lick was not demarcated on the ground.
- 2.Annual monitoring to assess the effectiveness of the measures in the management of the HCV areas in the FMU not implemented.
- 3.No evidence of the identified endemic and ERT species in the protected area for HCV 1.2 & HCV 1.3.

Objective evidence:

- 1. During site visit at old and new salt licks in Coupe BT4 Block 17 at GPS coordinate N 02° 28′ 58″ and E 112° 55′ 58″, there was no buffer marking minimum of 100m as per recommended by the HCV assessor.
- Annual monitoring for year 2022 was not conducted for the salt lick area (Coupe BT4 Block 17) and water catchment Rh. Anai (latest monitoring on 19 May 2021).
- 3. The FPMU has carried out annual forest inventory for endemic and ERT tree species for HCV 1.2 and HCV1.3 in Coupe BT4 Block 23 (latest on 3 August 2022). However, there was no identified endemic and ERT tree species in the protected area. Only commercial tree such as kapur/keladan, meranti, kayu

ii. The annual monitoring of the salt lick at Coupe BT4, Block 17 and water catchment for Rh. Anai was not done due to the access road to the said area was gated by the Headman of Rh. Anai.

iii. Some of the Endemic and ERT species in the BT4B23 cannot be identify due to lack of expertise.

Corrective action plan:

- i. The buffer of the said salt lick will be demarcated on-ground by 31.01.2023.
- ii. The FPMU will carry out monitoring for salt lick at BT4B17 and the said water catchment by 31.01.2023. Will discuss with the Headman of Rh. Anai to open the gate for monitoring purpose.
- iii. The FPMU will get advice from the expertise to identify the Endemic and ERT species in the BT4B23 by 31.03.2023.

non-conformity was verified and accepted by audit team on 27 December 2022.

Status:

The implementation and effectiveness of the corrective action plan will be verified during next audit.

		malam were recorded in the inventory record sheet.		
6.7.1	OFI#1	Requirement: Oil, fuel, tyres, containers, liquid and solid non-organic wastes, shall be disposed of in an environmentally appropriate and legal manner.	Root cause and corrective action plan are not required for OFI finding.	Status: The implementation of the OFI finding will be verified during next audit.
		Finding: A metal pan container for the purpose of storing unused and used engine oil and paint in the field shall be made available.		

Corrective Actions Taken and Final Status on NCRs and OFIs Raised During Previous Audit

Indicator	Specification Major/Minor/OFI	Detail Non-conformances	Corrective Action Taken	Verification by Assessor
2.2.2	Minor IA01/2022	Requirement: With respect to activities that may affect such rights, forest managers shall recognise, respect and collaborate with holders of duly recognised legal or customary tenure or use rights within relevant federal, state and local laws. Objective evidence: Stakeholders (local communities) consultation not implemented. Finding: 1. No Corporate Community Relations (CCR) meeting between FPMU and local communities had been held since 2020. 2. CCR meeting dates schedule for year 2022 not available 3. Topics of briefing to local communities during CCR meetings not comprehensive (did not include FPMU operation status, MC&I, Grievance mechanism and ERT)	Root cause: 1.The CCR meeting not yet carried out on year 2020 due to Covid-19 pandemic, which is we are not allowed to carry out any meeting during the pandemic. 2.CCR meeting dates schedule for year 2022 is not available, due to the person in charge miss to update the tentative in the Annual Work Plan and Budget for year 2022. 3.The FPMU not fully aware to the topics of briefing to local communities. Corrective action plan: The CCR meeting will be carried out on June 2022, and the FPMU will brief the CCR team on the FPMU operation status, MC&I, Grievance mechanism and ERT.	Sighted records and feedback from auditor's consultation with villagers of Rh Dilang, Rh Kelisop, Rh Johnny and Rh Wan in the current audit, confirmed that effective and comprehensive collaboration with local communities had been implemented as evidenced by the following findings i.e.: 1. Corporate Community Relations (CCR) meeting between FPMU and local communities had been held 2022 (July and August 2022) 2. Topics of briefing to local communities during CCR meetings were comprehensive (i.e. included FPMU operation status, MC&I, Grievance mechanism, Commitment to MC&I SFM, FPMU Policies and Employment opportunities for locals and HCV/ERT Status: Closed
2.3.1	Minor IA02/2022	Requirement: Availability of appropriate mechanisms to resolve disputes over tenure claims and use rights.	Root cause: The community development unit miss to record the grievances and request from Rh. Wan and Rh. Kelisop and miss to provide a	Consultation with villagers of Rh Dilang, Rh Kelisop, Rh Johnny and Rh Wan during the audit found the villagers were aware of the mechanism of flow chart to resolve local issues.

	Finding: The SOP titled 'Mechanism to Resolve Conflicts and Grievances Between Local Communities' to address community grievances was not followed. Objective evidence 1. Record of grievances and request (either orally or in writing) from the communities of Rh Wan and Rh Kelisop were not recorded into the 'Complaint/Grievance Notification form (SYF/MC&I/F/G.01) by the FPMU representative either directly or as attachment to the form. (Refer to Police Report: Tatau/000822/21 dated 31/72021) 2. Decision on CSR request from Rh Anai (23/7/2021) and Rh Dilang (10/5/2021) recorded in 'Borang Permohonan Bantuan Komuniti' (SYF/MC&I/CSR/LPF0019/FORM 001) was not conveyed to the requester in writing.	copy of CSR request from Rh. Anai and Rh. Dilang to the requester as per FPMU SOP. Corrective action plan: 1.All the grievances and request will be recorded in Complaint/Grievance Notification form (SYF/MC&I/F/G.01) and copy of the said CSR request will be given to the requester. 2.Re-training on the Complaint/Grievance procedure will be provided to the FPMU community development unit (CDU).	The SOP titled 'Mechanism to Resolve Conflicts and Grievances Between Local Communities' to address community grievances was referred accordingly including the flowchart as follows: 1) Record of grievances and request (either orally or in writing) from the communities of Rh Wan, Kelisop, Rh Nyanau, Rh Anai, Rh Johnny and Rh Dilang were recorded in the 'Complaint' Grievance Notification form (SYF/MC&I/F/G.01) by the FPMU representative either directly or as attachment to the form. 2) Decision on CSR request/complaint from Rh Wan, Kelisop, Rh Nyanau, Rh Anai, Rh Johnny and Rh Dilang recorded in 'Borang Permohonan Bantuan Komuniti' (SYF/MC&I/CSR/LPF0019/FORM 001) was conveyed back to the requester/complainant in writing (acknowledgement of the requester/complainant was available) Status: Closed
6.5.3 Minor MRS01/2022	Requirement: Availability and implementation of guidelines for forest road lay-out and construction, including log landings and drainage requirements. Finding:	Root cause: The boundary has been marking by painting the standing trees along the boundary, but the trees had been cut by the harvesting team inadvertently due to not aware of the marking. Corrective action plan:	During site inspection of harvesting area at Block 39 and Block 44 in Coupe BT3, it was found that the block boundary trees were marked with yellow paint along the feeder road. Status: Closed

		Block boundary tree with paint mark has been removed during harvesting operation. Objective evidence: During site inspection of harvesting area at Block 33 Coupe 03, it was found that the boundary tree with paint mark for Block 33-32 along feeder road F-10-2e(i) had been removed during construction of the harvesting road. Only 2 trees with yellow paint (block marking) were found at the right side and another one at the left side of the harvesting road.	 i. The boundary will be re-marked by panting the remaining trees along the boundary. ii. Warning latter will be issue to the harvesting team for their negligence. iii. Re-training will be provided to the harvesting team. 	
4.3.3	OFI#1	Requirement: The right of workers to employment benefits and social protection is assured under applicable law and/or regulations. Finding: Employment contract between Shin Yang – Masama FPMU and workers must be available in both English and Bahasa Malaysia languages for the benefits of workers that do not understand English.	Not required for corrective action plan.	Status: Due to recurrence of the same issue during the audit, the OFI was upgraded to Minor NCR ISMA01/2022 during this surveillance 3 audit.