

PUBLIC SUMMARY RECERTIFICATION AUDIT ON NEGERI SEMBILAN FOREST MANAGEMENT UNIT FOR FOREST MANAGEMENT CERTIFICATION

Certificate Number: FMC 0002

Date of First Certification: 29 December 2009 Audit Date: 1th Oct - 5th October 2018 Date of Public Summary: 10 January 2019

Certification Body:

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EXECUTIVE SUMMARY

This recertification audit on the Negeri Sembilan Forest Management Unit (hereafter referred as the Negeri Sembilan FMU) was conducted on 1th -5th October 2018 to assess the continued compliance of the overall forest management system of the Negeri Sembilan FMU against the requirements of the *Malaysian Criteria and Indicators for Forest Management Certification (Natural Forest)* [MC&I(Natural Forest)] using the verifiers stipulated for Peninsular Malaysia. The scope of this recertification audit was limited to the forest management system and practices on the Permanent Reserved Forest (PRF) within the Negeri Sembilan FMU.

This recertification audit was conducted by a 3-member team comprising Khairul Najwan bin Ahmad Jahari, (Lead Auditor), Mohd Razman bin Salim (Auditor) and Dr. Mohd Nazre Saleh@Japri (Auditor).

In general, the findings of this recertification audit have indicated that the FMU had complied with most of the requirements of the MC&I (Natural Forest) despite the issuance of total two (2) Major and four (4) Minor Non-Conformance Report (NCRs) on the Negeri Sembilan FMU, against the requirements of the MC&I (Natural Forest).

Negeri Sembilan FMU had submitted a proposed corrective action plans to address the Major and Minor NCRs raised during this recertification audit via email on 14th December 2018 which has been accepted by the audit team leader. The evidences of corrective action taken for Major NCR was received on 18th and 21st December 2018, and has been accepted and closed on 22nd December 2018.

2 INTRODUCTION

2.1 Name of FMU

Negeri Sembilan Forest Management Unit

2.2 Contact Person and Address

Name: Salim bin Aman Designation: Director

Address: Negeri Sembilan State Forestry Department

Level 4, Blok C, Wisma Negeri Jalan Dato' Abdul Malek 70503 Seremban NEGERI SEMBILAN

Phone #: 06-765 9849 Fax #: 06-762 3711

2.3 General Background on the Negeri Sembilan FMU

The Negeri Sembilan Forest Management Unit (hereafter referred to as 'the Negeri Sembilan FMU') was awarded the Certificate for Forest Management against the MC&I (2002) following the Stage 2 Audit that was conducted on 27-31 July 2009. Following the certification, the first surveillance audit was conducted on 21-23 July 2010, while the second surveillance audit on 13-15 July 2011. The recertification audit that was conducted on the FMU on 3-7 September 2012, which had resulted in the renewal of a Certificate for Forest Management against the new MC&I (Natural Forest) to the NNSSFD.

The surveillance 1 audit (second cycle) on the Negeri Sembilan FMU was conducted from 20-22 August 2013. The following surveillance 2 audit was conducted from 2-4 September 2014. The recertification (second cycle) audit for renewal of the MC&I (Natural Forest) certification was conducted from 26-30 October 2015.

During the Recertification Audit in 2015, the total certified area was increased from 154,676.23 ha to 155 824.81 ha due to new gazettement of three (3) Permanent Reserved Forests for Paya Bakau Forest Reserve, Kenaboi Forest Reserve and Gemas Selatan Forest Reserve with total area of 1,148.58 ha on 7 May 2012. The state total land area was also increased from 664,591 ha to 665,700 ha based on letter dated 18 September 2012 from Forestry Department Peninsular Malaysia Headquarters.

However, during the Surveillance 1 Audit (third cycle) in 2016 which was conducted on 25-26 October 2016 & 28 February – 1 March 2017, it was found that 175.25 ha of Permanent Reserved Forest (PRF) area were degazetted for educational facilities, agricultural, and Orang Asli Reserved. Thus, the total certified area was reduced from 155,824.81 ha to 155,649.56 ha.

Surveillance 2 Audit as conducted from 15-17 November 2017, as per previous audit scope which is 155,649.56 ha. However, during this recertification audit in 2018, the scope of audit reduced to 155,548.68, due to degazetment of agriculture purposes, alianted land and water pond for Syarikat Air Negeri Sembilan. Details of the degazetment were reported in Indicator 2.1.1.

The scope of the audit is limited to the forest management system and practices of the natural forest within the PRF of the FMU. The certified FMU area consists of mainly of Hill and Upper Hill Dipterocarp Forests with patches of Lowland Dipterocarp which are currently protected mainly for research purposes.

This was an audit to assess the continued overall compliance of the Negeri Sembilan State Forestry Department (NNSSFD)'s forest management system and practices of the Permanent Reserved Forests

(PRFs) within the Negeri Sembilan FMU against the requirements of the Malaysian Criteria and Indicators for Forest Management Certification MC&I (Natural Forest).

A Forest Management Plan (FMP) covering the period from 2016 to 2025 had been written and presented during the audit. The Negeri Sembilan FMU continues to be managed on a sustainable basis with the inland forest area under a Selective Management System on a 30-year rotation period. Forest Management Plan (FMP) covering the period from 2016 to 2025, stated that the Annual Allowable Cut (AAC) for the FMU had been set at 2,397 ha.

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

2.4 Date First Certified

29 December 2009

2.5 Location of the FMU

The FMU is located at 2° 29" N to 3° 5" N and 101° 49" E to 102° 35"E

2.6 Forest Management System

The FMU had followed the principles of sustainable forest management (SFM) and the requirements of the Licence Agreement of the State government. A Forest Management Plan (FMP) (2016) to (2025) was presented during this audit.

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

Forest Management Plan (FMP) covering the period from 2016 to 2025, stated that the Annual Allowable Cut (AAC) for the FMU had been set at 2,397 ha.

2.8 Environmental and Socioeconomic Context

The MEIA Report produced in 2007 for Negeri Sembilan FMU is made available during the audit The NNSSFD had identified and maintained records of Orang Asli settlements in the PRFs. The NNSSFD had respected the Orang Asli villagers' claim that they had been living in the area for generations even though there was no documentation of their legal right on the forest land. The NNSSFD had made no attempt to move the Orang Asli from the PRFs.

There were no non-Orang Asli communities with legal or customary or use rights in the FMU. There were rural villagers, who were still dependent to some extent on the forest for construction materials, food sources, medicinal plants and water sources. Details on the Orang Asli issue could be referred at Principles 2 & 3.

3. AUDIT PROCESS

3.1 Audit Dates

1th - 5th October 2018

3.2 Audit Team

- 1. Khairul Najwan bin Ahamd Jahari (Lead Auditor)
- 2. Mohd Razman bin Salim
- 3. Dr. Mohd Nazre Salleh

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

3.3 Standard Used

Malaysian Criteria and Indicators for Forest Management Certification (Natural Forest) [MC&I(Natural Forest)] using the verifiers stipulated for Peninsular Malaysia.

3.4 Stakeholder Consultations

A stakeholder consultation was conducted in July 2018 for a period of one month. There were three (3) comments received from the stakeholders. Refer to Appendix VI for the comment details.

3.5 Audit Process

The audit was conducted primarily to evaluate the level of continued compliance of the Negeri Sembilan FMU's current documentation and field practices in forest management with the detailed of the standard of performances (SOPs) listed in the MC&I(Natural Forest), using the verifiers stipulated for Peninsular Malaysia.

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 FMU's overall compliance with the indicator and decided whether or not 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 (Natural Forest);
- (ii) a minor NCR is a deviation or a lapse in complying with the requirements of the MC&I (Natural Forest);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 (Natural Forest) but without sufficient objective evidence to support a non-conformance.

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

4 SUMMARY OF AUDIT FINDINGS

A total of two (2) Major Non-Conformities Reports (NCR) (including an upgraded of previous Minor to a Major NCR from previous surveillance 2 audit) and four (4) Minor Non-Conformity Reports against requirements of MC&I (Natural Forest) were raised. Negeri Sembilan FMU showed their commitment to address the non-conformities by establishing action plans. The assessment team has received and accepted the action plans for all non-conformities as detailed in **Attachment 5.**

The previous year of four (4) minor non-conformities were satisfactorily closed following verification of the implemented corrective actions, except one (1) NCR's was upgraded to a Minor Non-Conformity. Refer to **Attachment 6**.

The summary on the findings of the recertification audit on the Negeri Sembilan FMU against the requirements of the MC&I (Natural Forest) are as follows:

Principle 1 Compliance with Laws and Principles The Negeri Sembilian State Forestry Department (NSSED) had maintain records of all the relevant national and local laws, regulations and policies relevant laws, policies and regulations stipulated in the MC&I (Natural Forest) fundamental for the FMU management was made available at the Head office of the State Forestry Department at Seremban and were accessible to all staff. Records of violation of local and national laws were made available in the State Forestry Department office. Documentation review shows the records of forest offences (Buku rekod boyaran denda kesalahan hutan) for the period 2017 and 2018 were available and retained. All applicable and legally prescribed fees, royalties, taxes, and other charges are sighted during the audit. The royalty rate for different log species from 1st July 1997 was also made available. There were no changes during this audit. Forest officers (District Forest Officers and Assistants Director) are aware and understand the relevant national and local laws and regulatory framework. The forest managers were found to be aware of all the binding international agreements. The initiatives implemented by NSSFD towards control of encroachment, illegal harvesting, hunting, and settlement and other unauthorised activities in the FMU are surveying, maintenance and monitoring of the PRF boundaries. There were no conflicts documented between these Principles and Criteria and laws and regulations. The Head Quarters of Forestry Department Peninsular Malaysia, Kuala Lumpur (FDFM) had met on the areas of possible conflicts. Principle 2 Tenure and Use Rights and Responsibilities Documents related to forest resources within the relevant rederal, sate and local laws were made available to the auditors during the audit. Documents related to forest reserve gazettement and degazettement provisioned under the National Forestry Act 1984 had been compiled and kept in the NSSFD office.	Principle	Strengths	Weaknesses
Principle 2 Tenure and Use Rights and Responsibilities Documents on legal status, and established forest use rights of the land or forest resources within the relevant federal, state and local laws were made available to the auditors during the audit. Documents related to forest reserve gazettement and de-gazettement provisioned under the National Forestry Act 1984 had been compiled and	Principle 1 Compliance with Laws and	The Negeri Sembilan State Forestry Department (NNSSFD) had maintain records of all the relevant national and local laws, regulations and policies related to forest management. Copies of all these relevant laws, policies and regulations stipulated in the MC&I (Natural Forest) fundamental for the FMU management was made available at the Head office of the State Forestry Department at Seremban and were accessible to all staff. Records of violation of local and national laws were made available in the State Forestry Department office. Documentation review shows the records of forest offences (Buku rekod bayaran denda kesalahan hutan) for the period 2017 and 2018 were available and retained. All applicable and legally prescribed fees, royalties, taxes, and other charges are sighted during the audit. The royalty rate for different log species from 1st July 1997 was also made available. There were no changes during this audit. Forest officers (District Forest Officers and Assistants Director) are aware and understand the relevant national and local laws and regulatory framework. The forest managers were found to be aware of all the binding international agreements. The initiatives implemented by NSSFD towards control of encroachment, illegal harvesting, hunting, and settlement and other unauthorised activities in the FMU are surveying, maintenance and monitoring of the PRF boundaries. There were no conflicts documented between these Principles and Criteria and laws and regulations. The Head Quarters of Forestry Department Peninsular Malaysia, Kuala Lumpur	
Tenure and Use Rights and Responsibilities use rights of the land or forest resources within the relevant federal, state and local laws were made available to the auditors during the audit. Documents related to forest reserve gazettement and de-gazettement provisioned under the National Forestry Act 1984 had been compiled and	Principle 2	Documents on legal status, and established forest	There were no negative findings
	Tenure and Use Rights and	use rights of the land or forest resources within the relevant federal, state and local laws were made available to the auditors during the audit. Documents related to forest reserve gazettement and de-gazettement provisioned under the National Forestry Act 1984 had been compiled and	J J

Principle	Strengths	Weaknesses
	The NSSFD was found to have consulted the local communities prior to the logging activities. Village representatives were briefed and consulted by the NSSFD officers together with the logging contractors on coming operations. The potential impact and villagers concerns usually will be discussed during the meetings. Burial site, water catchment areas, water supply sites and rivers used by local communities as well as non-forest products such as fruit trees and honey were protected as provisioned in harvesting regulations. The NSSFD also provide platform for public to comments or complaint through their webpage [http://forestry.ns.gov.my/index.php/my/hubungi-kami/maklumbalas-aduan] or done manually using Borang Makluman Aduan Pelanggan (Customers' Complaint Form). The complaint then will be handled as stated in the Carta Aliran Proses Pengendalian Aduan Pelanggan (Flow Chart for Handling Customers' Complaint) showing the process for handling the complaints.	
Principle 3 Indigenous People's Rights	The customary use rights of the Orang Asli within the PRF were respected in forest management planning and implementation in accordance to the Aboriginal Peoples Act 1954. Interview session with the Orang Asli of Kg. Parit Gong, Kg. Charik and Kg. Kelapi, found that there is no complaint about forest operations extending into aboriginal reserves. Consultation with the Orang Asli communities from Kg. Bukit Gong, Kg. Charik and Kg. Kelapi done in 2 nd October 2018 confirmed that their tenure right and use of forest resources for their subsistence within the FMU do not diminish. No evidence was found that the Orang Asli communities in Negeri Sembilan FMU practices their traditional forest-related knowledge and were utilized by the NSSFD in its operations or management systems. Most of the Orang Asli community in Negeri Sembilan had embraced modernization and conveniently adapted similar lifestyles with the other Malaysian community to become modern agriculture community. They also did depend on non-forest products for source of medicine.	There were no negative findings.

Principle	Strengths	Weaknesses
Principle 4 Community Relations and Workers' Rights	Training programme for NSSFD's staff was found available and well organised. The FMU management has a comprehensive training plan for their staff throughout the year as outlined in their program book entitled 'Buku Program Latihan dalam Perkhidmatan 2018'. During the inspection at active harvesting area found First Aid Kit Box at the workers' camp was made available. Only external medical kit including triangular bandage and scissor stored in the first aid box. Therefore, previous OFI for Indicator 4.2.3 was satisfactorily closed.	During the inspection in storage room of Mantin Nursery on 4 th October 2018 an air-compressor [Barcode No. 2015121483] was found without record and Certificate of Fitness. The FMU fail to comply the Factories and Machineries Act 1967 (Steam Boiler & Unfired Pressure Vessel) Regulations, 1970. Thus Minor NCR MN01/2018 was raised on indicator 4.2.3
	For NSSFD officers and employees, benefits such as housing (subject to availability and location) and trainings are provided by the FMU management. For employee of logging contractors, they are also provided with accommodations (rumah kongsi) in the concession areas and medical benefits.	
	There is no record of complaint from local communities towards the NSSFD or logging contractor related to damages or losses to legal or customary rights, property, resources, or livelihoods resulting from forestry activities found during the audit.	
Principle 5 Benefits from the Forest	The 5-Year Development Plan Budget from year 2014 to 2018 was made available during the audit. The management of forest within the FMU is guided by the Forest Management Plan (FMP) for 2016-2025. The annual coupe for the FMU for 2016-2020 had been approved based on the recommendation of the National Land Council amounting to 2,397 ha a year or 11,985 for 5 years. Timber was the main product being extracted from the forest in the FMU. All harvesting had been conducted through the application of Guidelines for Reduced Impact Logging in Peninsular Malaysia and followed by post harvesting. The total area opened for logging in 2017 amounted to 360.86 ha, and the total area opened for 2018 (up to Sept 2018) is only 471.85 ha. Timber is still the main product. The total income generated from the timber extraction of the FMU for 2017 amounted to RM 3.27 million. For 2018 (until Sept 2018), the income generated amounted to RM 4.51 million.	There were no negative findings

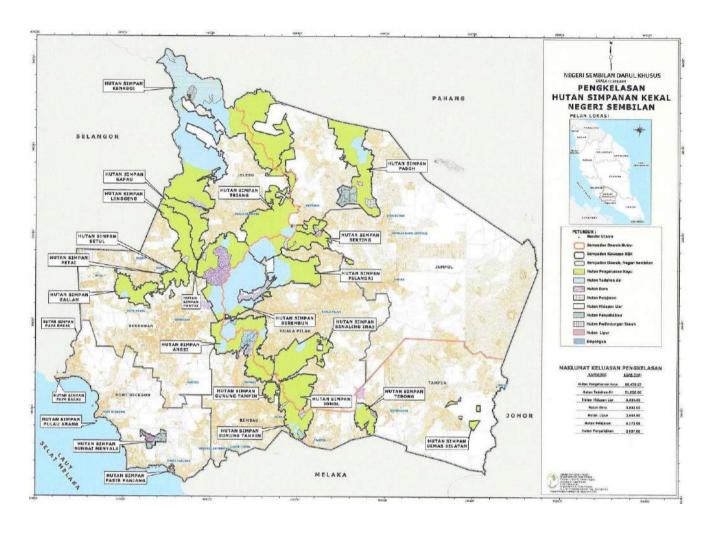
Principle	Strengths	Weaknesses
Principle 6 Environmental Impact	The Macro Environmental Impact Assessment (MEIA) of the FMU had been completed in 2007 and was available during the audit. The FMP (2016 - 2025), had identified sites of high biodiversity values in the Setul and Sungai Menyala PRFs. A listing of endemic and rare flora species especially those listed in IUCN list had been included in the FMP (2016-2025). Additional list of	During site inspection, it was found that construction of additional and extension of skid trail without permission from District Forest Officer for these visited logging area; Compartment 33, Triang PRF (NU/01/03/2018), Compartment 17 Senaling Inas PRF (NT/01/08/2018) and Compartment 38, Senaling Inas
	endangered, rare, and threatened (ERT) species had been provided by research institutions and universities. The NSSFD had taken initiative to protect one of the endangered species identified in the list namely <i>Vatica yeechiongii</i> by designating the site as a HCVF area in the Setul PRF. Co-operation with Department of Wildlife &	PRF (NT/01/02/2018). And, map of logging plan for these visited areas titled 'Pelan Kemajuan Pengusahasilan Hutan' not updated before construction of additional skid trail. Thus, a Major NCR MRS 01/2018 was raised for Indicator 6.5.3.
	National Park (PERHILITAN) is existed and in continuation based on interview conducted with the Director, Mr. Wan Mat bin Wan Harun on 1 st October 2018 in PERHILITAN's Seremban office. Activities include joint-operation on wildlife enforcement and monitoring.	Inspection of closed logging site in Compartment 6, Angsi PRF (NB/01/09/2016), found the buffer zone at feeder road 1 was damaged by residues of fallen trees. Construction of feeder road had also resulted in severe siltation with soil run-off into the buffer
	Post-felling inventories to assess regeneration of residual trees of 2 to 5 years of age after completion of harvesting had been carried out in accordance to the "Panduan Kerja Luar Inventori Hutan Selepas Tebangan" (Field Manual on Postfelling Forest Inventory) and "Manual Kerja Luar Sistem Pengurusan Memilih Bab 10-Kaedah	zone and the river. Due to recurrence of the same issue as raised during previous audit, this non-conformity was upgraded from Minor NCR (SAM 01/2017 (SA2)) to Major NCR MRS 02/2018 for Indicator 6.5.4.
	Penilaian/Pemeriksaan Ke Atas Aktiviti-aktiviti Pemulihan Hutan Selepas Tebangan (Field Manual of Selective Management System (SMS), Chapter 10-Assessment Procedure for Post-felling Rehabilitation Activities).	The auditor has found that spraying workers at Block 7, rubber plantation area in Compartment 8, 57 & 58, Triang PRF (NU/PP/05/2018) wearing dust proof mask which do not sufficient
	Harvesting operations in the FMU are conducted along the requirements of the Guidelines for Reduced Impact Logging in Peninsular Malaysia 2003 and the Forest Road Guidelines 2010	to control the workers from exposure to chemicals. Thus, a Minor NCR MRS 03/2018 was raised for Indicator 6.6.2.
	(Amended 2013) to reduce soil compaction due to use of heavy machinery and therefore to protect soil through minimizing erosion. The logging is also guided by the approved harvesting plan.	The approval of these conversion was verified in "Surat Kelulusan bil (1) dalam PHN.NS&M, 156/04/210/738T dated 13 March 2014". However, site inspection
	Standard operating procedure on managing waste disposal has been established by management.	was conducted at Compartment 25 Senaling Inas PRF (NP/01/17/2017 (P)) (99.84ha), and Compartment

Principle	Strengths	Weaknesses
	During the inspection of active logging sites, it was found the understanding of interviewed site worker on the management of contaminated soil/sand with spill of lubricant oil were acceptable. Based on interview with workers, some of used engine oil has been sold to car workshop and small quantity of it was kept at the store for the usage of chainsaw. Exotic species had not been introduced in any silvicultural treatments. The guidelines for enrichment planting do not encourage the planting of exotic species.	8, 57, 58, 59 Triang PRF (NU/PP/05/2018 (LH)) (497.9ha), found the social, environmental and economic cost benefit analysis report were not sufficient. The requirements for conversion of natural forest to forest plantations were not sufficiently adhered. Therefore, Minor NCR KN02/2018 on Indicator 6.10.1 was raised.
Principle 7 Management Plan	The Forest Management Plan (FMP) 2016-2025 is available and completed. The information and documents that required by this indicator (a) to (i) were made available in the FMP 2016-2025. To support the management plan, harvesting plans have been developed to ensure that the logging operations are undertaken in a manner that will minimize negative impacts to the residual stand and allow recovery of the residual stand within the cutting cycle. The managers in NSSFD had generally been aware of new scientific and technical information. They were able to participate in scientific conferences and meetings to update their knowledge. Forest workers has been trained as per their respective roles in the implementation of the forest management plan. A summary of the primary elements of the forest management plan 2016-2025 was made publicly available at: http://forestry.ns.gov.my/index.php/my/sumber/ringkasan-eksekutif .	There were no negative findings.
Principle 8 Monitoring and Assessment	The social impact assessment form entitled "Maklumat Kajian Impak Sosial Dalam Sektor Pembalakan" was applied before, during and after forest harvesting. During this audit, the procedure entitled "Prosedur Pemantauan Kesan Pembalakkan Terhadap Masyarakat Setempat Yang Berdekatan Kawasan Usahasil Dalam Hutan Simpanan Kekal di Negeri Sembilan" (Monitoring Procedures on Logging Effect against Local Communities in Permanent Forest Reserve in	During the inspection of the records at District Forest Office (Utara) for Compartment 76A Triang PRF license NU/01/05/2018, it was observed that logs that were transported out as written in the Removal Passes (species, log diameters and lengths) were found with missing alphabet serial

Principle	Strengths	Weaknesses
	Negeri Sembilan) was being followed. The FMU has monitored area of harvested trees for all licensed area per year from 2013 to 2017 (Jan - Oct) but does not more than annual allowable cut (AAC) which is 2,397 ha/year. All logs transported out of the forest in the FMU will be issued with a delivery order prepared by the logging contractor where the tree number, species, log production number, log length, diameter, and net volume are documented. The NSSFD has incorporated the results from monitoring activities on HCVFs and scientific research into the new forest management plan (2016-2025).	number as in the Removal Pass below; 1) Removal pass no MLK 082755 dated 20 June 2018 2) Removal pass no MLK 082764 dated 21 June 2018 3) Removal pass no MLK 082772 dated 22 June 2018 Documents for identifying all forest products leaving the area to be certified so that their origin could be easily determined were not updated in the tree tagging book. Thus, Minor KN02/2018 was raised
Principle 9 Maintenance of High Conservation Values	HCVF attributes that was adopted by the NSSFD was clearly explained in the FMP (2016-2025) in 6.4.2 [pg. 175 – 178]. A total of two HCVF areas has been gazetted in Negeri Sembilan FMU namely, 1. the whole area of Sungai Menyala PRF (1,280.27 ha) because of unique forest type attributes, a coastal Lowland Dipterocarp Forest 2. 4ha area in Compt. 4 Setul PRF that has endemic species of Resak (Vatica yeechongii) During this audit, it was found that another HCVF area has been proposed by the Negeri Sembilan FMU in Compt. 7 Pasir Panjang PRF from a population of hybrid species between Shorea leprosula and Shorea curtisii that was found. There is clear statement in the FMP (2016-2025), measure to demarcate, maintain and/or enhance the HCVF areas in 6.4.2.7 Aktiviti Pengurusan yang Dirancang [pg 179] and in 6.4.2.8. 'Tatacara Kawalan Dan Pemantauan Kawasan'. Demarcation of the HCVFs also made in the maps of the FMP. All the said measure was summarized and made available by NSSFD in their web page, http://forestry.ns.gov.my/index.php/my/sumber/ringkasan-eksekutif and information on the HCVF can be seen in their website, http://forestry.ns.gov.my/index.php/my/sumber/mc-i/hcvf.	There were no negative findings.

Attachment 1

Map of Negeri Sembilan FMU



Details of the auditors and their qualification

Assessment Team	Role/Area of MC&I Requirement	Qualification and Experience
Khairul Najwan	Audit Team	Academic Qualification:
Ahmad Jahari	Leader / Forester	B.Sc. of Forestry (Forest Management), Universiti Putra Malaysia.
		Work Experience:
		Appointed as contract Research Officer in the Natural Forest Division, Forest Research Institute of Malaysia (FRIM), since 2001. Conduct and coordinate a research on 8th Malaysian Plan Project. Produce technical reports, meeting, seminar and conferences reports as well as quarterly physical and financial reports. Coordinate and participate field works, multi-level meetings, seminars, conferences and workshops. Spent some time in other existing FRIM projects (inter divisional) as an organizing committee member, division level activities and projects. Currently as Lead Auditor at the Food, Agriculture and Forestry Section (FAF), SIRIM QAS International, since 2009. Involved in conducting assessments on forest management certification (MC&I and FSC P&C), MYNI of RSPO P&C and other management system on ISO 9001, 14001 and OHSA 1800
		Training / Research Areas:
		Was attending and pass in the following training programs:
		Auditor Training Course on Malaysian Criteria and Indicators for Forest Management Certification [MC&I (2002)] organized by MTCC, 30 March - 2 April 2009.
		EMS 14001: 2004 Lead Auditor Course organized by SIRIM Training Services Sdn Bhd, 2-6 March 2009.
		OHSAS 18001: 2007 Lead Auditor Course organized by SIRIM Training Services Sdn Bhd, 23-27 Feb 2009.
		QMS 9001: 2008 Lead Auditor Course organized by SIRIM Training Services Sdn Bhd, 16 – 21 Feb 2009.
Mohd Razman	Auditor /	Academic Qualification:
Salim	Forester	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:

Was attending and pass in the following training programmes:

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.

Mohd Nazre Saleh

Assessment Team Member/ Forester

Academic Qualification:

Diploma in Forestry, UPM

B. Sc. Conservation Biology & Ecology (UKM)

MSc. Botany (UKM)

PhD. Botany (Edinburgh)

Work Experience:

One year as Research Assistant in WWF-Malaysia in the year from 1999-2000. Become an academic staff in Faculty of Forestry, Universiti Putra Malaysia (UPM), Serdang Selangor from 2000 to present (16 years), starting as a tutor promoted as Senior Lecturer in 2009, and currently as an Associate Professor since 2013. Main responsibility is teaching the undergraduates in the subject of Dendrology, Forest Ecology and Ethnobotany, and Forest Dynamics for postgraduate students. Main research subjects are botany, forest ecology and, forest conservation and management done by supervising both undergraduate and postgraduate

(Master/PhD) students funded by local and international grants. Appointed as Head of Department since 2010 for Department of Forest Production (2010-2012) and Department of Forest Management (2013-present). Has sat in many committees for university and ministry (national) related to forestry subjects such as Mangrove Conservation, Forest Management, Forest Protection and Forest Plantation. Published more than 50 articles in local and international book, journals, chapters in books, conference proceeding and technical reports. Attended and presented in many workshops, conferences, seminars held at both local and international levels.

Training / Research Areas:

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, $18^{th} - 22^{nd}$ July 2016.

Forest Management Certification (FMC) Workshop, SIRIM Bhd, $6^{\rm th}$ – $7^{\rm th}$ December 2016

Training on Auditing Techniques (SIRIM QAS Int. Sdn. Bhd), 26th January 2016.

Comments Received from Stakeholders and Responses by Audit Team Leader

No.	Comments/Issues Raised	Response by Audit Team
1	Haslin binti Abdul Razak Pengarah, Jabatan Kemajuan Orang Asli Negeri Sembilan dan Melaka 3 Julai 2018	Comments received and noted. Consultations has been made with JAKOA officer, Mr. Zamri b. Awang Deris (3 rd October 2018) with the auditor during the audit.
	Sukacita pentadbiran ini mengambil maklum dan berterima kasih kerana jabatan kemajuan orang asli adalah merupakan salah satu jabatan yang termasuk dalam senarai pihak yang berkepentingan dalam pengurusan tersebut. Pada dasarnya, inisiatif yang dilakukan oleh Jabatan Perhutanan Negeri Sembilan adalah sesuatu yang baik dalam usaha untuk memelihara dan memulihara khazanah nilai yang terdapat didalam sesuatu hutan simpan. Dari sudut pentadbiran ini, kebajikan masyarakat orang asli adalah fokus utama yang diberikan penekanan. Seperti apa yang diketahui, masyarakat orang asli satu satunya komuniti sekian lama menduduki kawasan yang termasuk didalam hutan simpan. Ia adalah bertepatan dengan keperluan masyarakat itu sendiri.	
	Secara khusus, ciri ciri hutan yang mempunyai nilai pemeliharaan yang tinggi adalah sebuah kawasan hutan yang menyediakan perkhidmatan asas alam semula jadi dalam situasi kritikan misalnya perlindungan tadahan air dan kawalan hakisan. Selain itu, pentadbiran ini mendapati kawasan hutan juga penting untuk memenuhi keperluan asas komuniti tempatan seperti penempatan masyarakat orang asli contohnya sara hidup, kesihatan dan identit budaya dengan mengekalkan kawasan budaya, ekologi, ekonomi atau keagamaan dan ianya dikenalpasti dengan bantuan masyarakat tempatan itu.	
	Pentadbiran ini juga pada asasnya tidak mempunyai kemahiran khusus berkaitan pengurusan hutan secara khasnya namun sebagai sebuah organisasi yang terlibat menjaga komuniti yang berhubung secara langsung dengan hutan, pentadbiran ini hanya memberikan pandangan secara umum berkaitan perkara tersebut	
	Sekian, terima kasih	
2.	TPr. Hasnan bin Iberahim Pengarah, PlanMalaysia@Negeri Sembilan (Jabatan Perancangan Bandar dan Desa Negeri Sembilan)	

20.7.2018

Berdasakan kepada Rancangan Struktur Negeri Sembilan 2045 yang diwartakan pada 15 Mac 2018 telah menggariskan Dasar Perancangan Utama (DPU) berkaitan alam sekitar, iaitu;

DPU 14: Pengurusan Alam Sekitar melalui perlindungan, pemeliharaan dan pengawalan aktiviti pembangunan guna tanah dan fizikal

Dibawah DPU juga telah digariskan beberapa Dasar Strategik Pelaksanaan (DSP) yang antaranya menyatakan: -

DSP14.5: Kawasan hutan simpan kekal dipelihara secara berkekalan

Bagi mencapai DSP tersebut, Inisiatif Pembaharuan Strategik telah digariskan seperti Berikut:

 memelihara HSK sebagai sumber biodiversity Negeri dan negara

Pencapaian dasar ini akan diukur berdasarkan kepada Kriteria Pemodenan Negeri Sembilan 2045 iaitu:

 Pengekalan keluasan kawasan hutan simpanan kekal tidak kurang daripada 23% daripada keluasan tanah Negeri

Dasar perancangan yang digariskan ini jelas menunjukkan perlindungan alam sekitar menjadi salah satu teras dalam mencapai sasaran Negeri Sembilan 2045 Sejahtera, Inklusif dan Mampan seperti yang disasarkan didalam Rancangan Struktur Negeri Sembilan 2045

Comments received and noted.

Dr Ismail Hj Parlan
 Head of Natural Forest Program
 for Director General FRIM

27 June 2018

Department should utilize outputs of the research studies conducted in Pasoh Research Station (PRS) in managing the forest. Being the first long-term ecological research (LTER) plots been established in this country, there a lot of significance data and information available in the PRS. Among others are trees growth rate, impact of harvesting on fauna and impact of climate change on the forest as well as ecotourism opportunity. The Department might engage with PRS to conduct their interest studies in addressing relevant forestry issues in the state.

The productivity and composition of second rotation forests is a concern. Assessment some logged production forests has shown that there is lower productivity than anticipated and species composition have been altered. Thus comparison of the productivity of areas to be logged against the original stocking is important to assess SMS and SFM practices. We hope this matter will be assessed and management prescriptions be improved.

Comments received and noted. Negeri Sembilan FMU willing to cooperate with FRIM as part of the new scientific and technical information pertinent to the management of the certified area.

Research projects and reports conducted by local and international scientists in Pasoh PRF managed by the FRIM is available and verified during the audit. The Director of NSSFD is a member of the Pasoh Research Committee (Chaired by FRIM) which meets regularly.

Management of forest as payment for environmental services (PES) such as clean water supply, medicinal plants and ecotourism should be further explored.

The Menteri Besar of Negeri Sembilan has recently stated (~June 2018) that to further explore tourism industry in the state (beyond Port-Dickson) as source of state income. In relation, the Department should further enhance and strengthen the eco-tourism activities in the state which can generate and sustain significant income while protecting the forest.

FRIM will support the Department in its pursuit to attain sustainable forest management. We hope that research results would be applied where applicable.

Recertification Audit Plan

5.00 pm 8.30 am 9.00 am – 1.00 pm	 Check-in at Palm H Briefing by Audit T Meeting with Director of Opening Meeting with Briefing session by Fore activities Q&A Session Evaluation of changes t Check on progress of ploperation system to activition of Check on Complaints, storage of Check on Check on Complaints, storage of Check on Check on Complaints, storage of Check on Check	of Negeri Sembilan Forest representatives of FMU est Manager of the FMU of the management of the clanned activities aimed at the chieve improvement in overtakeholder comments and agencies or closing NCRs raised during the state of the comments and agencies or closing NCRs raised during the comments and agencies or closing NCRs raised during the comments and the comments are comments and the comments and the comments are comments are comments and the comments are comments are comments are comments are comments.	try Department on progress of forest e FMU t enhancing the erall performance d follow-up actions
8.30 am	 Check-in at Palm H Briefing by Audit T Meeting with Director of Opening Meeting with Briefing session by Fore activities Q&A Session Evaluation of changes t Check on progress of ploperation system to activition of Check on Complaints, storage of Check on Check on Complaints, storage of Check on Check on Complaints, storage of Check on Check	of Negeri Sembilan Forest representatives of FMU est Manager of the FMU of the management of the slanned activities aimed at chieve improvement in overtakeholder comments and agencies or closing NCRs raised during for internal audit ent review system	try Department on progress of forest e FMU t enhancing the erall performance d follow-up actions
9.00 am – 1.00 pm	 Opening Meeting with Briefing session by Fore activities Q&A Session Evaluation of changes t Check on progress of ploperation system to activities Check on complaints, st Orang Asli Government at NGOs Check on verification for Evaluate on procedures Evaluate on management 	representatives of FMU est Manager of the FMU of to the management of the planned activities aimed at chieve improvement in overtakeholder comments and agencies or closing NCRs raised during for internal audit ent review system	e FMU t enhancing the rerall performance d follow-up actions
	 Briefing session by Forest Manager of the FMU on progress of forest activities Q&A Session Evaluation of changes to the management of the FMU Check on progress of planned activities aimed at enhancing the operation system to achieve improvement in overall performance Check on complaints, stakeholder comments and follow-up actions Orang Asli Government agencies NGOs Check on verification for closing NCRs raised during the previous auc Evaluate on procedures for internal audit Evaluate on management review system Stakeholder consultations arrangement 		
2.00 pm – 5.00 pm	records review Principle 4 - Community Relations and Worker's Right (Safety issues) Principle 7 - Management Plan Principle 8 - Monitoring and Assessment records review Principle 1 - Compliance with Laws and Principles Principles Principle 5 - Benefits from the forest Principle 6 - Environmental Impact records review Principle 1 - Benericiple 5 - Benefits from the forest Principle 6 - Environmental Relation		Tenure and Use Rights and Responsibilities Principle 3 — Indigenous Peoples' Right
	Briefing to representat	tives of FMU on the progr	ess of audit
	2.00 pm – 5.00 pm	2.00 pm – 5.00 pm Worker's Right (Safety issues) Principle 7 – Management Plan Principle 8 – Monitoring and Assessment Principle 9 – Maintenance of High Conservation Value Forests Review of Day 1 Findir Briefing to representate	2.00 pm – 5.00 pm Worker's Right (Safety issues) Principle 7 – Management Plan Principle 8 – Monitoring and Assessment Principle 9 – Maintenance of High Conservation Value Forests Principles Principles Principle 5 – Benefits from the forest Principle 6 – Environmental Impact Review of Day 1 Findings by Audit Team Leader

Day 2 (Selasa)	8.30 am – 5.30 pm	Site visit Active harvesting Compt 27 and 28 Lenggeng PRF Tree tagging and active area at Compt. 6 HS Angsi (B) NB/01/09/2016 Kaliber Koridor Boundaries inspection Interview with forest workers Briefing to representativ	Site visit Active harvesting area Compt. 33 HS Triang NT/01/03/2018 Compt. 87 HS Kenaboi Interview with contractors Workers camp Forest boundaries Forest Checking Station	Site visit & consultations with local communities and Orang Asli Kg. Geylang dan Kg. Parit Gong Kg. Bari, Kg. Carik dan Kg. Kelapi
		Review of Day 2 Finding		ess of addit
Day 3 (Rabu)	7.30 am – 5.30 pm	Site visit Closed area Compt. 76A and 76B HS Triang (U) NU/01/05/2018 Kuda Abah Post-F at Compt. 73/79 HS Triang (U) Boundaries inspection Interview with forest workers	Site visit Tree tagging and active area Compt. 17 HS Senaling Inas (T)NT/01/08/2018 Compt. 25 HS Senaling Inas (T) – NT/01/2018 (P) Seri Mewah Boundaries inspection Checking Station Interview with forest workers	Site visit & consultations with Wildlife Department (PERHILITAN) Department of Environmental (JAS)
Day 4 (Khamis)	7.30 am – 5.30 pm	Site Visit Conversion area or TLC area (Bukit Hijau) -HS Triang		 Chemical handling at Mantin Nursery HCVF (Compt. 4 HS Setul & HS Sg. Menyala) VJR
Day 5	8.30 am – 1.00 pm	Documentation and records review		
(Jumaat)	2.00pm-4.00 pm	Preparation of audit report and finding Briefing to representatives of FMU on the progress of audit		
	4.30pm	Closing Meeting and presentation of findings of audit and discussion on follow-up activities Adjourn Closing Meeting		

Recertification Audit Findings (2018) and Corrective Action Taken

Specification Major/Minor/ OFI	Detail Non-conformances	Corrective Action Taken	Verification by Assessor
Major MRS 01/2018	Indicator 6.5.3 - Availability and implementation of guidelines for forest road lay-out and construction, including log landings and drainage requirements Finding: 1. Construction of additional skid trail was carried out without official permission from Forestry Department. 2. Logging road plan was not updated before construction of additional skid trail Objective evidence: 1. During site inspection, it was found that construction of additional and extension of skid trail without permission from District Forest Officer as below: • Compartment 33, Triang PRF (NU/01/03/2018) • Compartment 17 Senaling Inas PRF (NT/01/08/2018) • Compartment 38, Senaling Inas PRF (NT/01/02/2018) 2. Map of logging plan for these visited area (refer No.1) titled 'Pelan Kemajuan Pengusahasilan Hutan' not updated before construction of additional skid trail.	Kegagalan pihak kontraktor/ pelesen memohon pindaan Lorong Penarik disebabkan oleh kekangan masa untuk setiap kali terdapat pindaan Lorong Penarik, pelesen/ konraktor perlulah mengemukakan surat permohonan sedangkan mereka berada di dalam kawasan hutan. Selain daripada itu, jarak Lorong Penarik dan jajaran Lorong Penarik yang telah dicadangkan oleh pihak jurukur berlesen yang dilantik oleh pelesen kebarangkalian ketepatan adalah rendah. Kebiasaanya setelah perlaksanaan pembinaan Lorong Penarik di lapangan baru dapat jarak yang bersesuaian dengan atas tanah. Menambahbaik kaedah pemantauan dengan mewujudkan borang permohonan perubahan lorong penarik bagi mempercepatkan proses kelulusan perubahan Lorong Penarik, dimana borang diisikan oleh Kepala Hutan sendiri dan dikemukakan kepada pegawai pemantau dan terus diluluskan oleh Pegawai Hutan Daerah dengan sokong pegawai pemantau lapangan. Surat arahan menggunapakai Borang Permohonan Perubahan Lorong Penarik) Memperbaiki Pelan Pemantauan Kawasan Lesen dengan memasukkan maklumat Pelan Jalan, Pelan Tagging dan Pelan Blok Kerja (Lampiran B – Surat arahan pengemaskinian Pelan Kemajuan Hutan- PHN.NS. 156/01/101/4 klt.2 (12)	Result of investigation, correction and corrective action was accepted Instruction on usage of "new improved form" for "additional skid trail" dated 13 November 2018 to all Forest District Officer was verified "Borang Permohonan Tambahan / Perubahan Lorong Penarik" was verified Updated map of logging plan for • Compartment 33, Triang PRF (NU/01/03/2018) • Compartment 17 Senaling Inas PRF (NT/01/08/2018) • Compartment 38, Senaling Inas PRF (NT/01/02/2018) were verified (PHN.NS.156/01/101/4 klt. 2 (12) dated 13 November 2018) Status: Closed
Major (upgraded previous Minor NCR)	Indicator 6.5.4 - Availability and implementation of guidelines for conservation of buffer strips along streams and rivers	Tiada semakan khusus terhadap keadaan tanah di kawasan cadangan usahasil, faktor geografi/jenis tanah yang berpasir menyebabkan kejadian	Result of investigation, correction and corrective action was accepted Negeri Sembilan Forestry
MRS 02/2018	Finding: The implementation of guidelines for conservation of buffer strips along	tanah runtuh yang kerap. Tindakan serta-merta:	Department had requested Engineer Grade 41/44 to JKR (letter PHN.NS.

	streams and rivers were not adhered to Objective evidence: Inspection of closed logging site in Compartment 6, Angsi PRF (NB/01/09/2016), found the buffer zone at feeder road 1 was damaged by residues of fallen trees. Construction of feeder road had also resulted in severe siltation with soil run-off into the buffer zone and the river.	Penanaman pokok dan tutup bumi (rumput). Menyenaraikan kawasan kompartmen 6, HS Angsi sebagai kawasan pemulihan hutan bagi tahun 2019 Tindakan Jangka masa panjang: Jabatan mengambil maklum perlunya penilaian teknikal daripada jurutera bertauliah berhubung semakan struktur tanah dan kesesuaian terhadapa aktiviti pengusahasilan. Permohonan jabatan terhadap pengisian jawatan Jurutera (J41/J44) yang mana antara tugas adalah merancang dan mengurus kerja infrastruktur jalan hutan. Meningkatkan pemantauan di kawasan usahasil terutamanya kawasan yang mempunyai bufferzone Memperbaiki system dengan menetapkan kelulusan jalan tuju hanya diberikan setelah semakan lapangan (ground truthing) ke atas laporan jajaran lorong penarik dan jarak lorong penarik.	156/02/207/89 Klt. 3 (67) dated 8 October 2018) and to SPA (letter PHN.NS. 156/02/207/89 Klt. 3 (69) dated 5 December 2018). Rehabilitation has been continuously done at Compartment 6, Angsi PRF. Progress report dated 8 Oct 2018, 13 October 2018 and 23 Nov 2018 was verified by the auditor. Status: Closed
Minor MN01/2018	Indicator 4.2.3 - Appropriate safety and operational equipment in good working condition, including operational procedures, shall be made available to forest workers in the work place Finding: The FMU fail to comply the Factories and Machineries Act 1967 (Steam Boiler & Unfired Pressure Vessel) Regulations, 1970 Objective evidence: During the inspection in storage room of Mantin Nursery on 4 th October 2018 an air-compressor [Barcode No. 2015121483] was found without record and Certificate of Fitness.	Kurangnya pemahaman tentang keperluan terhadap Akta Kilang dan Jentera 1967. Jabatan telah merujuk kepada Jabatan Keselamatan dan Kesihatan Pekerjaan (JKKP) Seremban melalui surat PHN.NS. 156/01/101/4 klt.2(8) bertarikh 15 November 2018 memohon khidmat nasihat dan kerjasama daripada JKKP untuk pemeriksaan dan pendaftaran air compressor [Barcode no. 2015121483] tersebut. Pada masa yang sama, pihak pengguna (pekerja) air-compressor adalah diarahkan untuk menghentikan sementara penggunaan air-compressor tersebut sebelum pengesahan daripada pihak JKKP.	Result of investigation, correction and corrective action was accepted The effectiveness of the action taken to be verified during the next audit
Minor MRS 03/2018	Indicator 6.6.2 - Availability and implementation of guidelines and/or procedures on the use of chemicals in the forest approved by relevant regulatory authorities.	Pengurus ladang tidak peka sepenuhnya keperluan alat perlindungan diri (PPE) yang mengikut spesifikasi yang ditetapkan.	Result of investigation, correction and corrective action was accepted

	Finding: The implementation of guidelines and/or procedures on the use of chemicals in forest plantation areas approved by relevant regulatory authorities were not sufficient. Objective evidence: Auditor has found that spraying workers at Block 7, rubber plantation area in Compartment 8, 57 & 58 (NU/PP/05/2018) wearing dust proof mask which do not sufficient to control the workers from exposure to chemicals.	Taklimat keselamatan dan kesihatan pekerjaan (pengendalian Bahan Kimia Berbahaya Kepada Kesihatan) di tempat yang terlibat (kerjasama dengan pihak <i>DOSH</i>) telah diadakan pada 30 November 2018 oleh DOSH.	The effectiveness of the action taken to be verified during the next audit
Minor KN01/2018	Indicator 6.10.1 - The forest manager shall ensure that conversion from natural forest to forest plantations or non-forest use: a) Shall not include any High Conservation Value Forest areas; and b) Covers a very limited portion* of the FMU and shall enable clear, substantial, additional, secure, long term conservation, economic and social benefits across the FMU *"A limited portion" is defined as: • not more than 2.5% of the total area of the FMU in the first 3 years; • not more than 1.5% for the subsequent 2 years; and • not more than 1% for the next subsequent 2 years. Finding: The requirements for conversion of natural forest to forest plantations were not followed. Objective evidence: Site inspection was conducted at Compartment 25 Senaling Inas PRF (NP/01/17/2017 (P)) (99.84ha), and Compartment 8, 57, 58, 59 Triang PRF (NU/PP/05/2018 (LH)) (497.9ha), found the social, environmental and economic cost benefit analysis report were not sufficient.	Kurang pemahaman terhadap skop kajian kos benefit analisis (CBA) yang ditetapkan Jabatan dalam tindakan untuk penambahbaikan terhadap kajian CBA yang sedia ada dengan menjalankan perbincangan bersama seksyen ekonomi hutan, Bahagian Perancangan dan ekonomi hutan	Result of investigation, correction and corrective action was accepted The effectiveness of the action taken to be verified during the next audit
Minor	Indicator 8.3.1:	Bebanan kerja mempengaruhi	Result of investigation,
KN02/2018	Forest managers shall provide relevant documents for identifying all	konsistensi semasa merekod pas	correction and corrective action was accepted

forest products leaving the area to be certified so that their origin could be easily determined.

Finding:

Documents for identifying all forest products leaving the area to be certified so that their origin could be easily determined were not updated in the tree tagging book.

Objective evidence:

During the inspection of the records at District Forest Office (Utara) for Compartment 76A Triang PRF license NU/01/05/2018, it was observed that logs that were transported out as written in the Removal Passes (species, log diameters and lengths) were found with missing alphabet serial number as in the Removal Pass below;

- 4) Removal pass no MLK 082755 dated 20 June 2018
- 5) Removal pass no MLK 082764 dated 21 June 2018
- 6) Removal pass no MLK 082772 dated 22 June 2018

pemindah secara manual di balai pemeriksaan hutan

Jabatan menyedari kekangan Human Error Factor dalam menjalankan tugas di lapangan terutamanya dalam Balai Pemeriksa Hutan. Berikutan itu, pada tahun 2016, Jabatan telah menandatangani perjanjian dengan Universiti Teknologi Melaka Malaysia (UTeM) bagi membangunkan Sistem Maklumat Perhutanan Bersepadu Negeri Sembilan (FIS-9) yang mengandungi modul Inventori Sebelum Tebangan (Pre-F), Modul Penandaan Pokok (Tagging), Modul Balai, Modul Hasil dan Modul Inventori Selepas Tebangan (Post-F). Sistem ini telah selesai dibangunkan dan selesai menjalani System Test Run di pejabat dan lapangan. Sehubungan dengan itu, penggunaan sistem FIS-9 akan digunakan sepenuhnya bermula tahun 2019.

The effectiveness of the action taken to be verified during the next audit

Verification on Previous Surveillance 2 Audit (2017) Audit Findings and Action Taken

Specification Major/Minor	Detail Non-conformances	Corrective Action Taken	Verification by Assessor
/OFI			
Minor Indicator 4.3.2 NCR: SAM 02/2017 (SA2)	Requirement: Indicator 4.3.2 - Provisions for workers the right to organise and undertake collective bargaining leading to agreements in accordance with ILO Convention No. 98 – The Right to Organise and Collective Bargaining Convention, 1949 - Articles 1 and 2, ILO Convention No. 111 – Discrimination (Employment and Occupation), 1958 - The Right to Equal Treatment, ILO Convention No. 100 – Equal Remuneration, 1951 - The Right to Equal Pay. Finding: It was found that only a portion of the employees in the logging operations was insured. Under the Employees' Social Security Act 1969 all employees in industries which the Act applies shall be insured.	Contractor was required to insured all their workers before ended the logging license on 14 February 2018.	During this recertification audit (2018) it was found Insurance for all workers was included as part of the licence agreement in Negeri Sembilan FMU. For example, MPI Generali No. WWC-W0158076-70 validity 13 Sept 2017 – 12 Sept 2018 for 20 workers in Compt. 27 Lenggeng PRF and MPI General No. PAI-P0243672-70 valid 19 Dec 2017 – 18 Dec 2018 for 20 workers for Compt. 76 Triang PRF was verified. Thus, minor NCR SAM02/2017 was closed
	Objective evidence: During the inspection of active logging site in Compartment 10 Gapau FR, it was found that out of a total 19 employees only 5 employees was insured by the logging (license NU/01/01/2017). The business entity insured was also for sawmill and not logging.		
Minor Indicator 6.5.4 NCR: SAM 03/2017 (SA2)	Requirement: Indicator 6.5.4 Availability and implementation of guidelines for conservation of buffer strips along streams and rivers Finding: Too much earthworks during maintenance of forest roads has resulted in soil getting into buffer streams Objective evidence:	The FMU will directed licensee to do road maintenance for the Secondary road as per Forest Road Specification 2010 before March 2018.	Inspection of closed logging site in Compartment 6, Angsi PRF (NB/01/09/2016), found the buffer zone at feeder road 1 was damaged by residues of fallen trees. Construction of feeder road had also resulted in severe siltation with soil run-off into the buffer zone and the river. Due to recurrence of the same issue as raised during previous
	During the inspection of active logging site in Compartment 10 Gapau FR, it		audit. Due to implementation and effectiveness of the

	was found that the construction and maintenance of access road leading to the Compartment had resulted solid being pushed into buffer strips and streams.		action plan were not sufficient, this non- conformity was upgraded from Minor NCR (SAM 01/2017 (SA2)) to Major NCR MRS 02/2018 for Indicator 6.5.4.
Minor Indicator 8.5.1 NCR: MRS 01/ 2017 (SA2)	Requirement: Indicator 8.5.1 - A summary of the results of monitoring indicators, including those listed in Criterion 8.2, shall be made available to the public. Finding: Summary of the results of monitoring for Criterion 8.2 (b) and (c) have been uploaded in the FMU's website except for Criterion (a) Yield of all forest products harvested, (d) Environmental and social impacts of harvesting and other operations and (e) Costs, productivity and efficiency of forest management. Objective evidence: Auditor has verified a summary information for Criterion 8.2 (b) and (c) have been made publicly available at the FMU's website: https://forestry.ns.gov.my. However, information for Criterion 8.2 (a), (d) and (e) were not available in the same website link.	The FMU will uploaded all the required information as per Criterion 8.2 (a), (d) and (e) in the FMU's website in February 2018.	Summary of the results of monitoring for Criterion 8.2 for Criterion (a) Yield of all forest products harvested, (d) Environmental and social impacts of harvesting and other operations and (e) Costs, productivity and efficiency of forest management was updated and verified during this recerticiation audit (2018) Status: Closed
Minor (Upgraded from previous OFI) Indicator 9.1.1 NCR: SAM 04/ 2017 (SA2)	Requirement: Indicator 9.1.1 - Forest managers shall determine the presence of HCVF attributes in the FMU in accordance with relevant federal, state and local laws, appropriate to scale and intensity of forest management operations in the FMU, and in consultation with relevant stakeholders. Finding: Consultation of Relevant Stakeholders to determine presence of HCVF attributes was not conducted Objective evidence: In the previous audit, an OFI was raised because consultation with relevant stakeholders to determine the	The FMU has sent a letter to all relevant stakeholders on 15 December 2017 in order to get feedback/comments for HCVFs area inside the certified FMU area.	Response from the relevant stakeholders were seen and verified such as from FRIM [ref.: FRIM(S). 600-1/26/13(1)] dated on 24 th January 2018, UPEN [Ref." Bil (14)dlm. SUKNS 700-14/8/1 Jld2] dated on 9 th Feb. 2018, Jabatan Pendidikan Negeri [Ref. JPNS.SKPP.PEMV.100-3/3/4. Jld.9(58)] dated on 30 th Jan. 2018 and Majlis Perbandaran Port Dickson [Ref.: MPPD 493/101/2014 Klt. 4(15)] dated on 4 th June 2018. Consideration and protection of HCVF by the NSSFD in their

	presence of HCVF attributes in the FMU was not undertaken. The development of the new Forest Management Plan also did not include consultation with relevant stakeholders on aspects related HCVF. In this audit it was found the consultation with stakeholders was still not conducted. The previous OFI was raised to a minor NCR.		forest management is clearly stated in the FMP (2016-2025) in 6.4.2 [pg. 175 – 181] that include items such as 'Objective of Management for HCVF', 'Management Strategy for HCVF', 'Plan for Management Activities' and 'Controlling and Monitoring Mechanism'.
OFI Indicator 4.2.3	First Aid Box was made available at the forest camp (NB/01/12/2017), however, auditor has found that oral medicine such as toothache pills (Weng Heng tablet) was mixed with external medical kit. External medical kit such as triangular bandage and scissor were not available in the first aid box.	Not required	During the inspection at active harvesting area found First Aid Kit Box at the workers' camp was made available. Only external medical kit including triangular bandage and scissor stored in the first aid box. Status: closed.
OFI Indicator 4.4.1	It was found that the statements and questions in the SIA questionnaire were worded the same for the "Before", "During" and "After" questionnaire. For example the words "telah" and "semasa" are also used in the "Before" questionnaire thus possibly raising confusion among the respondents answering the questionnaire.	Not required	The completed forms for before and during harvesting operation were seen during the audit for Eastern District, Compt. 38 Senaling-Inas PRF [licence NT 01/02/2018] by the Orang Asli community in Kg. Kelapi, and Compt. 17 Senaling-Inas PRF [licence NT/01/2018] by the local community in Kg. Senaling. Another set of SIA before and during logging operation also seen for Compt. 33 Triang PRF [Licence NU/01/03/2018] by the community in Kg. Geylang Pertang. The OFI was raised for Indicator 4.4.1 during the last 2017 SA audit was closed as the wording in the questionnaire were corrected.