

PUBLIC SUMMARY SURVEILLANCE 1 AUDIT (4th CYCLE) ON PERAK FOREST MANAGEMENT UNIT FOR FOREST MANAGEMENT CERTIFICATION

Certificate Number: FMC-NF 00004
Date of First Certification: 7 July 2010
Audit Date: 17-21 February 2020
Date of Public Summary: 13 July 2020

<u>Certification Body:</u> SIRIM QAS International Sdn. Bhd. Block 4, SIRIM Complex

No. 1, Persiaran Dato' Menteri Section 2, 40700 Shah Alam

Selangor MALAYSIA

Tel : 60-3-5544 6400/5544 6448

Fax : 60-3 5544 6763

Website: www.sirim-qas.com.my

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EXECUTIVE SUMMARY

This surveillance 1 audit on the Perak Forest Management Unit (hereafter referred as the Perak FMU was conducted on 17-21 February 2020 to assess the continued compliance of the overall forest management system of the Perak FMU against the requirements of the *Malaysian Criteria and Indicators for Forest Management Certification* [MC&I (Natural Forest)] using the verifiers stipulated for Peninsular Malaysia. The scope of this surveillance 1 audit was limited to the forest management system and practices on the Permanent Reserved Forest (PRF) within the Perak FMU.

This surveillance 1 audit was conducted by a 3-member team comprising Mohd Razman Salim (Lead Auditor), Hj Roslee Jamaludin (Auditor), and Dr Zahid Emby (Auditor).

Based on the findings of this surveillance 1 audit, it was found that Perak FMU had continued to comply with the requirements of the MC&I (Natural Forest). This surveillance 1 audit had resulted in the issuance of three (3) Minor Non Conformity Reports (NCRs) and four (4) Opportunities for Improvements (OFIs) were raised.

A verification audit also has been conducted on 8-10 July 2019 due to stakeholder comments which received by SIRIM QAS International Sdn Bhd on 26 February 2019. The comments received were on logging activity in the (1) Temenggor PRF at Kg.Chiong, (2) Compt. 12 Temenggor PRF, Piah PRF in Kg. Pos Piah, Kembok, Teras Gentes and Peng, and (3) Quarry licence in Segari Melintang PRF. Logging activities in Chepam PRF, Hulu Perak. The verification audit team has raised two (2) Major Non-Conformity (NCR) for indicator 6.5.4 and 7.3.2. Both Major NCR have been closed on 15 October 2019 upon accepted corrective action and evidence of implementation by audit team.

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

1 INTRODUCTION

1.1 Name of FMU

Perak Forest Management Unit

1.2 Contact Person and Address

Dato' Mohamed Zin bin Yusop

Director,

Jabatan Perhutanan Negeri Perak,

Persiaran Meru Utama,

Bandar Meru Raya,

30020 Ipoh,

Perak Darul Ridzuan

Phone # : 05-5288100 Fax # : 05-5288101

1.3 General Background on the Perak FMU

The Perak FMU is managed by the Perak State Forestry Department (PSFD). The PSFD is committed in the management of the FMU on a sustainable basis. The administration of the FMU is divided into five forest districts namely the South Perak, Kinta/Manjung, Kuala Kangsar, Latur & Matang and Hulu Perak Forest Districts.

The inland forest is managed under a Selective Management System (SMS) on a 30-year rotation period. Under the Eleventh Malaysia Plan (2016-2020), the Annual Allowable Cut (AAC) for the Perak FMU had been set at 7,744 ha. A Forest Management Plan (FMP) covering the period from 2016 to 2025 had been presented during the audit.

During this surveillance 1 audit, the Perak FMU has decreased in size from 998,306.02 ha to 988,603.946 ha following the new gazettement of 18.2067 ha of the forest as PRF and degazettement of 9,702.074 ha of the PRF. The FMU currently comprises of 988,603.946 ha of PRF or 47% of the State's total land area of 2,102,122 ha. The PRFs within the FMU consist mainly of inland Dipterocarp forests covering an area of 939,127.056 ha with the remaining 42,216.34 ha under mangrove forests and 7,260.55 ha of forest plantations.

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

1.4 Date First Certified7 July 2010

1.5 Location of the FMU

The FMU is located between latitudes 3° 40′ 30'' to 5° 53′ 30'' N and Longitudes 100° 12′ 30'' to 101° 54′ 00'' E.

1.6 Forest Management System

The FMU had followed the principles of sustainable forest management (SFM). The inland forest is managed under a Selective Management System (SMS) on a 30-year rotation period. A Forest Management Plan (FMP) covering the period from 2016 to 2025 presented during the audit.

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

For the Eleventh Malaysia Plan (2016-2020), the annual allowable cut (AAC) for the FMU had been set at 7,744 ha giving a total of 38,720 ha for the 5-year period. During this surveillance 1 audit, the size of the FMU is 988,603.946 ha.

1.8 Environmental and Socioeconomic Context

Macro-level environmental impact assessment (MEIA) has been conducted by the Perak FMU in 2007. Recommendations to mitigate the impacts of forest operations on the environment presented in the MEIA report were incorporated into the mid-term review of the Perak FMP (2016 – 2025). Environmental impact assessments on rare and threatened species of flora and fauna in Perak FMU were also implemented.

Perak FMU management has established standard procedures for the identification and demarcation of sensitive areas to serve for the protection of soil and water resources. Areas exceeding 1,000 meters above sea level or with slopes of more than 40 degrees were excluded from logging, demarcated and mapped as protection forests.

The maintenance objectives of catchment areas including aquatic environment were stated in the FMP (2016 – 2025). The management of catchment areas and soil protection forest was for resource sustainability, biodiversity conservation and local climate stabilization; to reduce risk and enhance capacity for quantity and quality of water supply; to develop water usage in a planned and systematic manner; and to preserve and enhance catchment and aquatic environment.

Cooperation exists, and documented, between forest managers, conservation organizations, research institutions and regulatory authorities in implementing conservation and management activities. Such agencies including USM, PERHILITAN, WWF, JAKOA, NGOs and others with similar interests.

For year 2019, about 8,058 ha of harvested areas has been issued the harvesting licence in 2020, the figure still below the AAC for 2019 (9,292 ha). Records of payment made were available as shown in the 'Laporan Analisis Prestasi Kutipan Hasil Tahun 2019". The payment was for the Royalties, Premium, Deposit, other forest resource and compensation.

With regards to employment of local people, a perusal of the license files showed that a number of the licensees and their workers were from the local areas. Through an examination of the PSFD's employee master list and service record it was found that a number of the PSFD employees were also from the local area.

The Orang Asli land legislated as Orang Asli Reserves and Areas (through the Aboriginal Peoples Act 1954) and the PRFs gazetted under the National Forestry Act 1984 were by law mutually exclusive. This principle was followed through in practice whereby no forestry activity was carried out on those areas recognized by the Act as aboriginal reserves and areas.

2 AUDIT PROCESS

2.1 Audit Dates

17-21 February 2020 (15 man-days)

2.2 Audit Team

Mohd Razman Salim (Lead Auditor) Hj Roslee Jamaludin (Forester) Dr Zahid Emby (Sociologist)

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

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2.3 Standard Used

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

2.4 Stakeholder Consultations

A one-month stakeholder consultation was conducted beginning in January 2020 to solicit feedback from stakeholders on the compliance of the Perak FMU against the requirements of the MC&I (Natural Forest). The comments by the stakeholders and responses by the audit team are shown in **Attachment 3.**

2.5 Audit Process

The audit was conducted primarily to evaluate the level of continued compliance of the Perak 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);
- (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.

Consultations were held with the Orang Asli of Kg Bukit Tokong, Kg Terhem, Kg Bawong, Kg Sg Badok, Kg Sg Pelantuk and the Malay communities of Kg Kenayat, Kg Tanjung Kala, Kg Tawai, Kg Lintang, Kg Bekut and Kg Tanjung Ara as well as contractors and workers operating in the FMU. The audit team had also held meetings with the officers and the uniformed field staff of the PSFD.

Consultation also has been conducted during verification audit on 8-10 July 2019 due to comments received by SIRIM QAS International Sdn Bhd from Persatuan Aktivis Sahabat Alam (KUASA), Orang Asli Kg. Chiong and Kg. Cunex.

The coverage of this surveillance 1 audit is as shown in the surveillance 1 Audit Plan in Attachment 4.

The PSFD 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 1 audit report and sent it to the PSFD for comment.

3 SUMMARY OF AUDIT FINDINGS

Based on the findings of this surveillance 1 audit, it was found that the PSFD had continued to manage the Perak FMU in compliance with most of the requirements of the MC&I (Natural Forest). This surveillance 1 had resulted in the issuance of 3 minor NCRs and 4 OFIs. The details on the NCRs/OFIs raised are shown in **Attachment 5.**

The audit team had also reviewed and accepted the PSFD's proposed corrective actions by the PSFD to address the 3 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 PSFD to address the 1 Major and 2 Minor NCRs and 1 OFIs which were raised during the recertification audit.

Verification on the corrective action taken on 2 Major NCRs raised during verification audit on 8-12 July 2019 had concluded that the FMU has met the requirements.

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**.

On indigenous peoples' rights, there were mechanisms in place to resolve disputes over tenure and use rights through meetings held with the Department of Orang Asli Development or Jabatan Kemajuan Orang Asli (JAKOA). It was observed that there was no recorded civil court case pertaining to legal or customary tenure or use rights filed against the PSFD.

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 PRF in the Perak FMU has therefore decreased in size from 998,306.02 ha to 988,603.946, following the new gazettement of 18.2067 ha and degazettement of 9,720.2807 ha of permanent reserved forest (PRF).

As the major NCR raised during this surveillance 1 audit had been closed out, the audit team had therefore recommended that the Certificate for Forest Management be awarded to the Perak FMU be maintained for another 4 years from 11 July 2019 to 31 May 2024.

The summary on the findings of the surveillance 1 audit on the Perak FMU against the requirements of the MC&I (Natural Forest) are as follows:

Principle	Strengths	Weaknesses
Principle 1 Compliance With	Perak State Forestry Department (PSFD) had maintained records of all relevant laws,	There was no negative finding.
Laws and	policies and regulations stipulated in the MC&I	
Principles	(Natural Forest) fundamental for the FMU	
	management was up to date. The	
	enforcement of these statutory requirements	
	had been enforced by these officers.	
	The documents on all the binding international agreements such as International Labour Organisations Conventions (ILO), International Tropical Timber Agreement 1994, United Nations Framework Convention on Climate Change (UNFCCC) and Convention of International Trade of Endangered Species (CITES) which Malaysia is signatory were available.	
	The forest managers were willing to participate in resolution of such conflicts if they arise. Perak State Forestry Department and JAKOA conducted regular meeting, "Mesyuarat Jawatankuasa Kecil Bersama JPN Perak dan Jakoa Perak dan Kedah" at State level. The latest meeting was conducted as	

Bil.1/2020 on 14th Feb. 2020. Maintenance and ground monitoring of the PRF boundaries is one of the initiatives implemented by PSFD towards the control of encroachment, illegal harvesting, hunting, and settlement, and other unauthorised activities in the FMU areas. The policies or statements of commitment to forest management practices consistent with these Principles and Criteria.has made available to the public as verified at the website link as below: http://www.perakforestry.gov.my/ A verification audit has been conducted on 8-10 July 2019 due to comments received by SIRIM QAS International Sdn Bhd from Persatuan Aktivis Sahabat Alam (KUASA). KUASA has comments that there was a permanent building constructed in Compt.12 Temenggor PRF - "Pembinaan bangunan kekal (rumah batu) oleh syarikat pembalak di dalam kawasan Matau yang disyaki terletak di dalam kawasan hutan simpanan kekal (Sebahagian Kompartmen 12 HS Temenggor dgn lesen AU-01-38-17)". Based on verification by audit team, it was found that the permanent building or base camp was constructed by the Perak State Forestry Department for their forester as for accommodation for monitoring the PRF in that area. The construction of the base camp was also as recommended by MACC. The documents regarding the inititial tender and retender for the construction of the base camp were made available by the PSFD. The building did not been build by the logging contractor. The permanent building or base camp is located not far from the logging camp of logging company. The base camp has been constructed in that area as to avoid the PSFD staff to stay together in the private logging camp, during their monitoring work or any other operation tasks in that area. Principle 2 gazettement Forest reserve and There was no negative finding. Tenure and Use degazettement documents were filed in the **Rights** and Perak State Forestry Department (PSFD)

Responsibilities

headquarters in Ipoh, Perak.

The management also kept data on Orang Asli settlements, Orang Asli Reserves and Areas,

and Orang Asli sites of special significance.

Since the last audit there was no change in the number of Orang Asli settlements in the PRFs. Orang Asli settlements either inside or outside the PRFs were mapped by the PSFD and *Jabatan Kemajuan Orang Asli* (Department of Orang Asli Development) or JAKOA.

The Orang Asli and local communities (Malay, Chinese, Indian or other ethnic groups) do not have any right of ownership over land in the PRFs. However, the Orang Asli, unlike the other members of the local communities, were allowed to freely access the forest and collect forest resources for their own consumption but not for commercialization purposes.

Even though they were not allowed to open new settlements in the FMU, villages established before the gazettement of the forests as PRFs were not forced to move out of the FMU. But instead they were allowed to continue hunting and gathering in the PRFs as well as to continue cultivating the areas that they had converted to farms.

The issue of free, prior, and informed consent agreements did not arise as there were no forest operations on lands owned by local communities or on land that local communities have legal or customary tenure or use rights.

Forest management also evaluated social impact of forest operations on nearby local communities and steps were taken to mitigate or prevent the negative impacts and enhance the positive ones.

Mechanisms for resolving land claims were made available to the auditors during the audit. A form entitled "Borang Maklumat Aduan Pelanggan" (Customers' Complaints Form) was made available to disputants who wished to file a complaint. Actions would then be taken to resolve the disputes.

Principle 3 Indigenous People's Rights

The indigenous people's lands, namely the Orang Asli Reserves and Areas, were managed fully by the Department of Orang Asli Development (Jabatan Kemajuan Orang Asli/JAKOA) and the Orang Asli. The PSFD had never been involved in any development projects or in forest operations in the Orang Asli Reserves and Areas, and Orang Asli

The process for identifying and protecting such sites and provisions for rights of access to these sites by indigenous peoples is provided in Pekeliling Ketua Pengarah Perhutanan Semenanjung Malaysia Bilangan 8 Tahun 2015 – Panduan

settlements established in the PRFs before it was gazetted as PRFs remained under the control of the Orang Asli villagers.

The present audit also found in place appropriate procedures for identifying and protecting sites of special cultural, ecological, economic or religious significance in the FMU.

Assessments of potential impacts of forest activities on Orang Asli communities was also carried out prior to, during and after logging. Data was collected through the use of the questionnaire 'Panduan Maklumat Kajian Sosial Dalam **Impak** Sektor Pembalakan/Information Guidelines for Social Impact Study in the Logging Sector (Form E/SIA). Settlement within 0.5 - 5.0 km radius of the area to be logged would be identified. If settlements were present, dialogues would be initiated. The questionnaire would also be used to identify sites of special significance for protection. In addition the PSFD affirmed that consultations (formal and informal) were initiated from time to time with Orang Asli communities and JAKOA in their continuing efforts to identify the social impacts of forest operations as well as in the identification of possible sites of special significance.

No evidence of traditional forest-related knowledge and practices of indigenous peoples in the use of forest species or management systems in forest operations in the PSFD

Hence, the issue of fair and equitable compensation for the commercial utilisation of traditional forest-related knowledge and practices of indigenous peoples was not an issue for PSFD. At the departmental level the PSFD had also developed a basic framework for fair and equitable compensation for the commercial utilisation of Orang Asli traditional knowledge forest-related and practices entitled "Persetujuan Pampasan Untuk Pengetahuan Tradisi Pribumi Berkaitan" (Compensation Agreement for the Use of Indigenous Related Peoples' Traditional Knowledge).

A verification audit has been conducted on 8-10 July 2019 due to comments received from Persatuan Aktivis Sahabat Alam (KUASA). Penubuhan dan Pengurusan Kawasan Hutan Mempunyai Nilai Pemeliharaan Yang Tinggi (HCVF) Dalam Hutan Simpanan Kekal (HSK) Di Semenanjung Malaysia. It would be an improvement if a specific procedure for identifying and protecting such sites and provisions for rights of access to these sites by indigenous peoples is developed. Thus, an OFI for Indicator 3.3.1 was raised.

KUASA has comments that there was an allegation that PSFD staff has requested Identity Card Number from villagers Orang Asli Kg. Chiong for flood aid in 2016. However, there was no aid received by the villagers. Based on the consultation between audit team and the community and PSFD officer in charge, it concluded that, the indigenous people has confused with the several visits made by the MKN (Majlis Keselamatan Negara) officer since 2014 flood, the visit which has been accompanied by Forest Officer of PSFD to gather the information on flood victim, before the communities aids (for flood victim) can be distributed. The MKN does not have the facilities such as boat to travel to the village, so they have to request assistance from the PSFD. There was no records showing any information gathered during the visits has been misused by the PSFD for other purposes.

Other comment by the Orang Asli Kg. Chiong was a sedimentation caused by logging in Compt.12 Temenggor PRF. The auditors have visited an area located at Kg Chiong brought by PSFD staff believed to be the area raised by KUASA (there was no specific location mention by KUASA). The area located not far from logyard at the base camp at Compt 12 in Temenggor PRF and Kg. Chiong. There was a river passing through the area, Sg. Sara. Kg. Chiong located at the river mouth of Sg. Sara. The sedimentation might happen over a long period of time. During site visit to the area, the water flow was clear. However based on the observation, the area was covered with vegetation (shrub/grass) and there were evidence of dead woody trees on that area and also a sandy area. The area might be submerged during the high water level of the lake especially the sandy area. Based on photograph provided by KUASA the area was occupied by shrub/grass without woody dead trees. However, based on observation at the surrounding area near Kg Chiong and Logyard at Compt 12 Temenggor PRF there was no sign of such area. The Auditors cannot conclude that the meandering occurred due to logging in the area. The meandering will take a long time to develop into such area.

Principle 4
Community
Relations and
Workers' Rights

A perusal of the license files showed that a number of the licensees and their workers were from the local areas. An examination of the PSFD's employee master list and service 1) Chemical register and safety data sheet for alcohol, ethyl acetate and chloroform yet to be made available at Ulu Piol nursery

record and the license files found no illegal migrant workers, child labour or forced labour in the employment of the PSFD or logging contractors.

As for Perak FMU state and district office, Policies on Safety and Health had been clearly established, displayed and communicate at all level. Proper safety procedures have been displayed and safety equipment (PPE) was found to be in good working conditions and it is confirmed the understanding towards requirement of the use PPE for safety when working are adequate.

The supporting staff of the PSFD being public sector employees were members of CUEPACS, the public sector employees union. However, no union among the forest workers hired by the logging contractors but they were employed in accordance to the Employment Act 1955 and they were not restricted from joining any union of their choice. The Perak Timber Trade Association had made a statement to all companies and contractors to give a freedom for workers to participate in a union or association.

The logging contractors' employees on the other hand were also protected by the terms and conditions stated in their employment agreement which included among other things, health and accident benefits through SOCSO or workmen's compensation (Workmen's Compensation Act 1952)

The audit found that appropriate procedures to address grievances raised by workers and/or their organisations and for conflict resolution had long been established by the PSFD as well as the logging contractors.

An EIA at the macro level conducted on the management and operation of the FMU had investigated the potential impacts of forest operations on the indigenous and local communities which included social impacts and recommended actions to be taken to mitigate or enhance the impacts identified.

Social impact evaluation was incorporated in the forest planning and management practices at the district level. In this section the DFO would note possible steps to be taken in 2) Record of fertilizer was not updated for Rhio Brand, Baja Nitrophosphate and Polyphas Super at Ulu Piol nursery

Thus, an OFI for Indicator 4.2.5 was raised.

Social impact assessment of forest harvesting as required by this indicator was carried out by the districts visited by the auditor. However it was found that:

- i. the form Panduan Maklumat Kajian Impak Sosial Dalam Sektor Pembalakan (Sebelum Pembalakan) used in Kg Bekut is slightly different from the one used in Kg Terhem (both in Kuala Kangsar) and in Hulu Perak and Kinta Manjung
- ii. for Kg Sg Badok, Kinta Manjung only assessment for "Semasa" was carried out. The assessment for "Sebelum" was carried out on the same date as assessment for "Semasa".

It would be an improvement if the same forms are used in all districts and the "Sebelum", "Semasa" and "Selepas" assessments carried out in a timely manner in all the communities identified as located in areas close to the licence areas. Thus, an OFI for Indicator 4.4.1 was raised.

mitigating or enhancing the potential/actual impacts of forest operations in the license area

During the audit, no evidence to indicate that the local people's legal and customary rights, property, resources or livelihoods had suffered loss or damage. Thus, there was no case of these legal provisions and measures being taken to prevent such loss or damage.

Principle 5 Benefits from the Forest

Forest management system emphasized on reduced impact logging methods aimed at optimum harvest while minimizing impacts. Pre-harvest planning involves identification of steep slopes and other areas prohibited from harvesting to ensure that impacts, such as erosion and water pollution are under control.

At the Forest District level, it covers all forest management operations such as Pre-F, Harvesting, Post-F and others. The plan includes the management prescription for human resources of the Forest District, community forestry covering recreational and educational forests, as well as research conducted such as Continuous Forest Inventory (CFI) and Growth Plots.

The forestry practices emphasize on harvesting of commercial timber to be used for downstream processing and production of products including sawn timber, plywood, veneer, molding, furniture and charcoal (in the case of mangrove logs). To date the FMU has 100 active sawmill, 6 veneer mill, 10 plywood mill and 5 moulding mills, beside those mill, smaller wood base industries were also operated, about 733 mill were licensed.

Harvesting rates were determined by the annual allowable cut (AAC) set in the FMP and the 11th Malaysia Plan. The AAC were 7,744 ha/year or a total of 38,720 ha over the duration of the 11th Malaysia Plan. Records of harvested timber volumes were kept to ensure the AAC not exceeded at the FMU level, both in terms of area and volume. The allocated AAC for year 2018 was 9,037ha and year 2019 was 9,292ha. The actual harvested area in 2018 was 9,006.635 ha and year 2019 was 8,058 ha which were below the allocation. In 2019 the volume of timber extracted was

There was no negative finding.

368,335.38 m³ from the 112 licenses issued and involved 8,058 ha of areas from PRF.

A ceiling was imposed to control volume for tree tagging with 85 m³/ha set for primary forests and net extraction volume 68 m³/ha for subsequent rotations of secondary forests was 76m³/ha for tree tagging and net extraction is 61m³/ha. With proper pre-harvest selection and tree tagging of timber trees forest wastage was minimized where only quality trees, meeting the specifications, were removed. With precise directional felling, residual stand was generally undamaged thus ensuring future revenue. There was no significant damage or waste seen in the sampled active harvesting and closed area.

Records of planting of Non-Timber Forest Products (NTFP) for 2019 were presented, covering only bamboo for 2ha in Compt. 49 Kledang Saiong PRF and costing RM 19,780.00. The record of planting of rattan and bamboo since 2013- 2018 were also made available during this audit. Based on the Revenue report for 2019, revenue collected for all NTFPs were RM 7,722,168.16 which includes, rattan, bamboo & rubber.

To date PSFD has established a total of 1,046,164.82 ha catchment areas and 523,471.41 ha as soil protection forest in the FMU. The management of catchment areas and soil protection forest was for resource sustainability, biodiversity conservation and local climate stabilization; to reduce risk and enhance capacity for quantity and quality of water supply; to develop water usage in a planned and systematic manner; and to preserve and enhance catchment and aquatic environment.

Principle 6 Environmental Impact

An appropriate macro-level environmental impact assessment (MEIA) has been conducted by the Perak FMU in 2007. Recommendations to mitigate the impacts of forest operations on the environment presented in the MEIA report were incorporated into the mid-term review of the Perak FMP (2016 – 2025).

Cooperation exists, and documented, between forest managers, conservation organizations,

- 1. Record of species planted, monitoring, inventory and treatment for enrichment planting in skid trails, ex log landing and logging camp was not available in the report as required under para 4.5 "Tanaman Mengaya" in Manual Perhutanan Jilid 111.
- 2. Enrichment planting at closed area (AK-01-85-19), Compt. 61 Korbu PRF was not covered at

research institutions and regulatory authorities in implementing conservation and management activities. Relevant stakeholders include Perbadanan Taman Negeri Perak, UPEN Perak, FRIM, the Economic Planning Unit, PTG Perak, Department of Environment, Perbadanan Taman Negeri Perak, PERHILITAN (Wildlife Department), Faculty of Forestry UPM, LESTARI, JAKOA (Orang Asli welfare) and NGOS (MNS, WWF).

The practice of reduced/low impact logging (RIL) was strictly observed in order to minimize damage to the environment in the FMU.

Harvesting was designed in the FMU taking into consideration the need for the conservation of biological corridors and buffer zones for features of special biological interest for wildlife. The FMU is also included in the Central Forest Spine (CFS) network which is thus considered in its management as stated in the FMP (2016-2025).

The PSFD in efforts to conserve existing forest ecosystems had established Virgin Jungle Reserves (VJR), Ecology plots and Phenology plots. In Perak FMU, a total 19 VJRs has been established with a total area of 6,545 ha.

About 159,866 ha of the FMU were gazetted as catchment forest at the time of audit. The area is separately managed under its own management plan, the *Rancangan Pengurusan Hutan Tadahan Air Negeri Perak 2012-2021*.

The PSFD has and adhered to set policy on the use of environmentally friendly non-chemical methods of pest management and prohibition of use of banned pesticides, guidelines and procedures on the use of hazardous chemicals in forest management.

The FMU also has conducted monitoring to all plantation area in Perak FMU. Based on the quarterly assessment report Environmental Quality Report (EQR) for year 2019 (Jan-Dec) and January 2020 which had been submitted to DOE, the water quality result on monitoring January 2020 show that all parameter are comply with NWQS Class II limits.

distance 80-200 m at LP 7/1.

3. Auditor has found that used polybag after enrichment planting activity were left in the licence area. Thus, a Minor NCR MRS 01 2020 for Indicator 6.3.1 was raised.

At Licence area AK-01-73-19, HSK Piah , AU-01-97-19, HSK Belukar Semang and AM- 01-86-19 HSK Bukit Kinta drainage requirement (side drain, cross drain, sump and culvert) was not maintained along feeder road. Thus, a Minor NCR RJ01/2020 for Indicator 6.5.3 was raised.

Site inspection at active harvesting area for Licence no. AK- 01-73-19 HSK Piah, it was found that, the demarcation of riparian buffer zone was not evidence on the ground at a buffer strip at JT2/MT3 from station 11b to point 3C as demarcated in the road map. Thus, a Minor NCR RJ01/2020 for Indicator 6.5.4 was raised.

verification audit has been conducted on 8-10 July 2019 due to comments received by SIRIM QAS International Sdn Bhd from Persatuan Aktivis Sahabat Alam (KUASA). Audit team has raised a Major NCR IAM 01 2019 due to noncompliance on Indicator 6.5.4 on undemarcated buffer zone along natural stream. Site inspection of Quarry operated by Kuang Rocks Products Sdn Bhd located in Segari Melintang Forest Reserve (Compartment 15) found stream buffer zone (SBZ) along natural stream at location N40 24' 48 and E 100° 36′ 29″ at Compartment 15, Segari Melintang FR was not demarcated (nonconformance of harvesting License (AM-01-17-17 (P) conditions). The audit team has closed this NCR on 15 October 2019 after acceptance the corrective and evidence action of implementation.

Conversion from natural forest to forest plantations or non-forest use in the Perak FMU did not include any High Conservation Value Forest (HCVF) areas and covered a very limited portion of the management unit hence, ensuring conservation, economic and social values. Conversion did not occur in ecological corridors and environmentally sensitive areas identified by the relevant authorities; and any FMU conversion will enable clear, substantial, additional, secure, long-term conservation, economic and social benefits across the FMU.

The state government has reduced the total area for forest plantation zone from 56,502.59 ha to 35,000 ha which had been approved by Majlis Mesyuarat Kerajaan Negeri on 16 January 2019. The planned plantation will benefit the state and local economy from employment opportunity, including from local community.

This state-wide cumulative area of FMU forest affected in the conversion was within the stipulated limit and schedule (i.e. less than 5% of total Perak FMU).

Approvals for the conversion were documented and in line with applicable laws and policies. Audit team has verified approved EIA, Syarat-syarat Kelulusan Laporan Kajian Penilaian Kesan kepada Alam Sekeliling (EIA) and Environmental Quality Report (EQR) as required by Department of Environment (DOE) as per Section 34A, Environmental Quality Act for all plantation area.

The audit team also has verified on complaints raised by villagers of Kg. Cunex on implementation of MC& I guidelines at HS Air Chepam, Gerik, Perak. It was planned during the verification audit (8-10 July 2019), licensed areas AU -01-110-18 (Sediavisi Jaya) and AU-01-06-19 (Mampu Usaha) in Air Chepam PFR to be visited for verification, since Air Chepam PFR was mentioned in the complaint. However, the area in Air Chepam PFR is included in the Civil Summon No: AB-22NCvC-13-06/2019, hence, SIRIM's verification findings can be prejudicial to the ongoing case. As advice by the legal officer of PSFD, the verification visit to Air Chepam FR was

therefore, cancelled. A letter from PSFD regarding the court case Ref. no: PPN.PK.100/03/64 Jld.9 (33) dated 8 July 2019.

Principle 7 Management Plan

The revised version of the Forest Management Plan (2016 – 2025) for Perak FMU has been made available during the audit. The FMU has updated the FMP (2016 - 2025) with silvicultural system as verified at Section 6.3.1.1 Hutan Darat Asli at 'Jadual 6.1 Pengurusan Hutan Mengikut Giliran Tebangan 30 Tahun (SMS)' (page 252) and 'Rawatan Silvikultur' (page 262).

The department forest managers were generally aware of recent technological advancements in forest management. They were continually updated with new information through training programmes which were drawn annually by the department enabling them to stay current in their technical knowledge.

All levels of departmental staff, as appropriate to their roles, were required to attend training programmes designed towards proper implementation of the management plan in particular in managing the MC&I.

The FMU had conducted training on nursery and chemical handling on 12-14 March 2019. Training on scheduled waste management had been conducted on 15-16 April 2019. The FMU also has included training on scheduled waste management in annual training program for year 2020.

The Forest Management Plan (2016-2025) has included a clear summary made widely accessible to the general public through downloading in its webpage. The hyperlink to the public summary was verified at the time of audit as below;

http://www.perakforestry.gov.my/index.php/mengenai-jpnpk/maklumat-mc-i/ringkasan-eksekutif-rancangan-pengurusan-hutan.html

The FMU has allocated budget for FMP 2016-2025 mid-term review for year 2020. However, appointment of consultant for the revision yet to be issued. Thus, an OFI for Indicator 7.2.1 was raised.

A verification audit has been conducted on 8-10 July 2019 due to comments received by SIRIM QAS Sdn International Bhd from Persatuan Aktivis Sahabat Alam (KUASA). Audit team has raised a Major NCR LYD-01/2019 due to non-compliance on Indicator 7.3.2 issue of insufficient the understanding of person in charge implementation of social monitoring. The following evidence was found during the site visit and documentation review:

- Compt 92,94 & 95 AK-01-70-18 HSK Piah, Licensee Damansara Mewah Sdn Bhd for period of 15/02/2019 16/08/2018 -(extended to 15/05/2019)- 3 Social Monitoring has been conducted before harvesting (27/12/2018 with Tok Batin Kg Jelwel, Chat, Kabu, Terhem – POS POI), during harvesting 22/03/2019 with Tok Batin Kg Kg Jelwel, Chat, Kabu, Terhem - POS POI which is more than 5km radius from active area. The nearest village, Kg Kembok -POS PIAH has not been selected to be interview (located less than 1km from active area).
- 2. Compt 55 AU-01-33-17 HSK Temenggor Syarikat Sapuji Sdn Bhd for period of 1/06/2017–30/11/2017 the social monitoring during harvesting activities dated 24/08/2017 has not been acknowledge /sign by Tok Batin of Kg Chiong . There is also no record for for social monitoring before and after harvesting activities.

The audit team has closed this NCR

15 October 2019 after acceptance the corrective action and evidence of implementation. **Principle 8** There was no negative finding. Yield of all forest products harvested were Monitoring and kept and presented. In 2019 (till December), a Assessment total of 368,335.38 m³ was harvested and RM12.9 million was collected as royalty and RM9.23 million was collected as cess. For other forest produce, guarry RM7.6 million while other forest produce (rattan, bamboo, nipah, Teja and firewood etc) income collected amounted RM 19,272.00. For each harvesting license, the monitoring forms had been filled by forester in charge of the field supervision that cover buffer zones, water passage, land slide, soil erosion, protected trees, forest stands after logging and the presence of wild animals and submitted to the District Forest Officer. For Social Impact Analysis, it was also found that the 'Guidelines and Procedures for Social Impact Assessment and Monitoring of Forest Management Operations (Peninsular Malaysia) (April 2012)'. Such formal and informal consultations had enabled the FMU managers to monitor the social impact of forest management on the communities' livelihood and the environment. Ensuring sustainable water supply to the state, monitoring of the quality and quantity of water were regularly conducted in Perak FMU watershed designated forests. The Stesyen Hidrologi Sungai Salor, Temenggor PRF, Gerik, Perak was established by a special unit in the Head Quarters of Forestry Department Peninsular Malaysia (JPSM). Water quality monitoring was conducted monthly by JPSM Head Quarters assisted by PSFD. Growth plots in the FMU were maintained by the PSFD with data collection and analyses, and record compilation undertaken by FDPM (HQ). The FMU has also approved requests FRIM and Universities) comprehensive scientific research on full range of ecological system and resource in Perak FMU.

PSFD is also responsible in the establishment and maintenance of the Central Forest Spine (CFS). Five (5) CFS corridors had been established in Perak FMU. Minutes of CFS coordination committee meeting on the CFS i.e. "Mesyuarat Penyelarasan bagi Projek UNDP/GEF-GOM: Improving Connectivity in the Central Forest Spine (CFS) Landscape (IC-CFS), held on 17 October 2019 was presented.

Verification of the PSFD Forest Management Plan, (2016-2025) found results and findings of the monitoring activities has been incorporated into the FMP.

A public summary of the results of monitoring indicators such as growth rates, regeneration and conditions of the forest; composition of the flora and fauna and environmental and social impacts of harvesting had been published in the annual report as well as in 'Maklumat MC&I' available in website: http://www.perakforestry.gov.my/index.php/pusat-sumber/terbitan-jpnpk/laporan-tahunan-2016.html

Principle 9 Maintenance of High Conservation Values

The identification and protection of HCVF areas were clearly stated in the FMP and well implemented on the ground. The FMU has incorporated HCVFs information into the Perak Forest Management Plan (2016-2025).

At the time of audit, the High Conservation Value Forests in Perak FMU stood at total todate 12 HCVF sites, excluding water catchments, had been established in the FMU. Each HCVF area was demarcated on the ground, planned and managed according to individual management plans.

- Tree for protection of ERTs flora Balau Putih (Shorea lumutensis) in Segari Melintang and Sungai Pinang,
- Daun Sang (Johannestaijmannia perakensis) in Keledang Saiong,
- Bunga Pakma (Rafflesia hassalti) ii Temenggor and Gerik
- A salt lick (Sira Tesau) in Temenggor and,
- Archaeological site with prehistoric graves in Pulau Kalumpang.
- Keruing Paya (Dipterocarpus coriaceus) at Tapah, and
- Berus Mata Buaya (Bruguiera hainesii)

There was no negative finding.

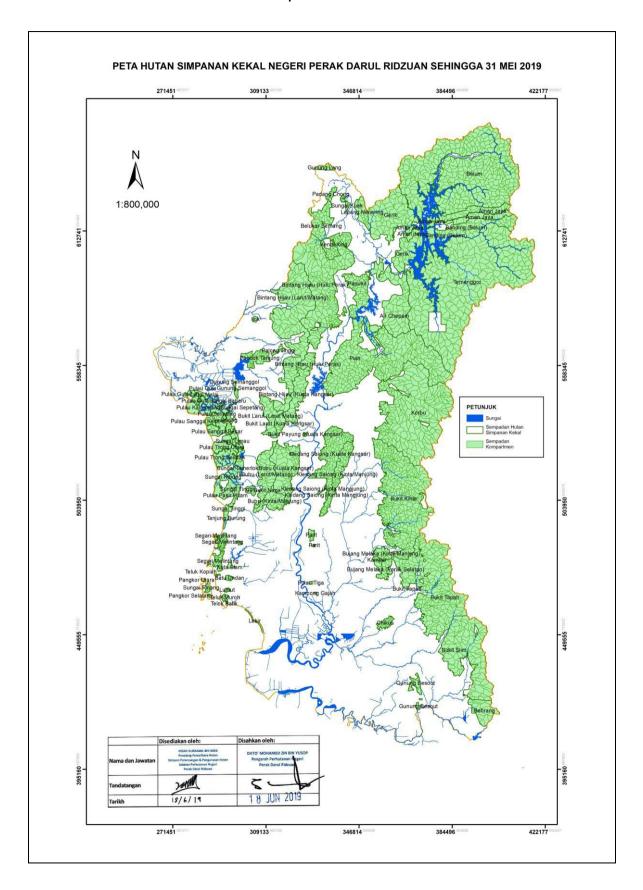
- Tree for protection of ERTs flora Resak Abdulrahman (Vatica abdulrahmaniana)
- Tree for protection of ERTs flora Gerutu Daun Besar (Parashorea globosa)
- Bunga Pakma (Rafflesia cantleyi) and Bunga Pakma Tikus (Rhizanthes lowii)
- Tree for protection of ERTs flora Meranti lapis (Shorea lamellata)in Bubu
- Tree for protection of ERTs flora Merawan auriculata (Hopea auriculata) in Pangkor Selatan

The FMU has established annual monitoring procedure to assess the effectiveness of the measures in the management of the HCVFs. HCVF sites are monitored at least once a year from records sighted by the auditor.

Public summary of the Forest Management Plan with the HCVF measures included has been made available to public at website address:

http://www.perakforestry.gov.my/index.php/mengenai-jpnpk/maklumat-mc-i/kawasan-hutan-bernilai-pemeliharaan-tinggi-hcvfs.html

Map of Perak FMU



Experiences and Qualifications of Audit Team Members

Assessment Team	Role/Area of MC&I Requirement	Qualifications and Experience	
Mohd Razman	Assessment	Academic Qualification:	
Salim	Team Leader / 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:	
		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.	
Hj.Roslee Jamaludin	Auditor/ Forester	Academic Qualification: B.Sc. of Forestry (Forest Management), University Putra Malaysia. Diploma in Forestry, Mara Institute of Technology, Malaysia. Work Experience:	
		A retiree of Forest Conservator from Forestry Department of Peninsular Malaysia, with 36 years of experience in forest management, operation and administration. Has been working in various position since appointment in 1977, which includes Assistant Forest Management officer in Kuantan, Forestry Department of Pahang, Assistant District Forest Officer in Kuala Lipis Pahang and Segamat, Johor. Forest Plantation Officer in Johor and Terengganu, Forestry Officer for the State of Malacca. Assistant Director for Forest Harvesting and Industries in Selangor, District Forest Officer in Dungun Terengganu, Assistant Director for Forest Management in Negeri Sembilan and the State Director of Forestry Penang before retirement in April 2015. Has involved in several Working	

		Committee form by the Forestry Department of Peninsular Malaysia to further improve the existing procedures, such as, Forestry Manual, Forest Road Guidelines, Forestry Rules, other guidelines regarding the MC&I for forest certification. A member of MAJURUS was appointed as an Internal Auditor for the MC&I. Has attended several forestry Conference overseas and local. A member of IRIM (Institut Rimbawan Malaysia). Appointed as a facilitator and trainer for Forest Road Guidelines by Forestry Department Peninsular Malaysia. Had Attended and Passed the following training programmes: Auditor Training Course on Malaysian Criteria and Indicators for Forest Management Certification [MC&I (Natural Forest)] & [MC&I (Plantations) organised by MTCC, 9 – 10 July 2015 EMS 14001: 2004 Lead Assessor Training Course organised by SIRIM Training Services Sdn Bhd, 23 Nov. – 27 Nov. 2015. Briefing on RSPO Principle & Criteria (HCV) organised by SIRIM QAS (Food ,Agri & Forestry Section) 21 August 2015. Workshop on Auditing Technique for FMC (2) organised by SIRIM QAS (Food , Agri & Forestry Section) 26 Jan 2016. FMC Workshop 28 th -29 th November 2017
Dr. Zahid Emby	Assessor / workers & community issues and related legal issues	 1977- 1992 – Lecturer, Department of Social Sciences, Faculty of Educational Services, Universiti Pertanian Malaysia Head, August 1992 – 1994, Department of Social Development Studies, Universiti Pertanian Malaysia August 1, 1998 -2001. Reappointed as Head of the renamed Department of Social and Development Science for a three year term Head, Department of Music from October 2003 until his retirement on December 17, 2006 Spent some time as a visiting scholar at University of Hull, U.K. and Victoria University of Wellington, New Zealand. Freelance consultant on social issues

Comments Received from Stakeholders and Responses by Audit Team Leader

No.	Stakeholder	Comments/Issues Raised	Response by Audit Team
1	Stakeholder 1	Pihak Jabatan Hutan Perak bersama Jabatan Ukur dan Tanah Negeri Perak telah membuat ukuran di kawasan penempatan Orang Asli di Kawasan Lubuk Gaharu Intake, Jalan Pahang, Tapah, Perak. Pihak Jabatan Hutan Perak bersama Pihak Jabatan Ukur dan Tanah Tidak Memaklumkan kepada ketua kampong atau pemimpin kami, selaku ketua dan komuniti yang sudah lama bertapak dikawasan terbabit. Ini membuktikan pihak Jabatan Tidak Menghormati Ketua/Pemimpin kami dan penduduk disini yang sudah lama bertapak di kawasan ini.	Based on evidence as refer to letter PPN.Pk.100/03/64Jld.9() dated Mei 2020 The Forest Department only conducted re-marking of external forest boundary (3-line of red paint) at Hutan Simpan Bukit Tapah about 99.0 KM in Perak Selatan Forest District on 28 November - 1 December 2016. The signboard of "Dilarang Masuk: Hutan Simpan" is a requirement as per SOP forestry department "Spesifikasi Mencuci Sempadan Luar Hutan Simpan" to be display at the external boundary of forest reserve.
		Selesai menjalankan ukuran tanah di kawasan kampong kawasan Lubuk Gaharu pihak Jabatan Hutan Negeri Perak, turut juga mencacak penanda yang bertulis 'Dilarang masuk: Hutan Simpan' tanpa menjelaskan dan memaklumkan kepada ketua kampong dan komuniti kami dikawasan terbabit. Ini jelas telah melanggar unsur Izin, Maklum Awal, Bebas dan Telus (IMABT) yang menunjukkan perhubungan diantara pihak Jabatan Hutan dengan penduduk tempatan tidak mesra serta mewujudkan perasaan seperti ancaman dan tidak selamat terutama dikalangan penduduk kampong kami.	The Orang Asli, unlike the other members of the local communities, were allowed under the Aboriginal Peoples Act, 1954 (revised 1974) (specifically Section 6, 7, 8, 10, 13, 19) to freely access the forest and collect forest resources for their own consumption but not for commercialization purposes. The Perak FMU recognized and supported these legal rights of the Orang Asli as shown by their actions which allowed the Orang Asli to freely access the PRFs and collect forest resources for home use.
		Pihak Jabatan Hutan Negeri Perak turut mengeluarkan Amaran secara lisan kepada orang kampong untuk tidak mengutip hasil hutan seperti rotan, pokok kayu (untuk membuat rumah) dan hasil lain seperti herba yang sememangnya secara tradisi kami telah diamalkan secara turut-temurun. Amaran yang dikeluarkan ini tidak memikirkan nasib dan persediaan orang kampong terutama apabila berkaitan dengan sumber-sumber hutan dan Orang Asli yang sememangnya tidak boleh dipisahkan. Sumber-sumber hutan yang diambil oleh Orang Kampong bukanlah untuk exploitasikan sumber malahan lebih kepada keperluan harian seperti makan dan tidak lebih dari itu. Jabatan Hutan Negeri Perak juga turut menyekat Orang Asli yang tinggal dikawasan terbabit, sedang kawasan	

terbabit adalah kawasan penempatan Orang Asli dan sudah bertapak lama.

Saya selaku Tok Batin turut menyatakan bahawa isu pengurusan hutan oleh FMU Negeri Perak, sememangnya banyak menimbulkan konflik diantara komuniti Orang Asli secara umum. Banyak juga isu yang berbangkit dan sikap lepaskan tangan yang diamalkan tanpa perundingan jelas membuktikan prinsip FMU Perak yang tidak suka berunding dan memberi tekanan kepada penduduk, malahan peluang pekerjaan kepada komuniti Orang Asli sebagai 'pengurus hutan' serta pengetahuan kami terhadap hutan tidak juga dilihat sebagai penting untuk meilbatkan Orang Asli sebagai pihak yang menjaga hutan, sebaliknya Jabatan Hutan ini labelkan kami sebagai penceroboh.

Surveillance 1 Audit Plan

		PROGRAM		
DAY	TIME	AUDITOR 1 (Razman)	AUDITOR 2 (Hj Roslee)	AUDITOR 3 (Dr Zahid)
Sunday (16/02/2020)		Audit team stay at CasBriefing by Audit Team	uarina Hotel n Leader on the audit plan	
Day 1 Monday (17/02/2020)	8.30 am – 12.30 pm	 Briefing session by For Evaluation of changes Check on complaints, s Government agencies Check on verification for Evaluate on internal au Q&A Session AUDITOR 1	or closing NCRs raised during adit and management review AUDITOR 2	MU ollow-up actions with g the previous audit v
	2.00 – 5.30 pm	(Razman) Documentation and records review Principle 5 – Benefits from the forest Impact Principle 7 – Management Plan Principle 9 – Maintenance of High Conservation Value Forests Review of Day 1 Findings	•	Documentation and records review Principle 2 – Tenure and Use Rights and Responsibilities Principle 3 – Indigenous Peoples' Right Principle 4 - Community Relations and Worker's Right Consultation with Kesatuan Pegawai Hutan Melayu Malaysia
Day 2		All auditors overnight at AUDITOR 1	Gerik AUDITOR 2	AUDITOR 3
Tuesday (18/02/2020)		(Razman)	(Hj Roslee)	(Dr Zahid)
	7.30 am – 8.00 pm	 Hulu Perak Inspection of active harvesting area – AU-01-100-19 HSK Temenggor 	 Hulu Perak Inspection of active harvesting area – AU-01-97-19 HSK Belukar Semang 	 Hulu Perak Consultations with local community & Orang Asli 1.Kg. Tanjung Kala (MPKK) 2.Kg. Kenayat (MPKK)

		 Forest Checking Station – BPH Bandariang Inspection of closing harvesting area – AU-01-09-19 HSK Temenggor HCVF – Sira (Jenut) Tesau, HSK Temenggor, Compt. 142 Temenggor PRF 	 Forest Checking Station – BPH Bergerak Gerik I Inspection of closing harvesting area – AU-01-114-18 HSK Bintang Hijau Nursery Air Ganda 	3.Kg. Bukit Tokong (Orang Asli) 4.Kg. Selaor (Orang Asli)
		Review of Day 2 FindingsAll auditors overnight at	-	
Day 3 Wednesday (19/02/2020)		AUDITOR 1 (Razman)	AUDITOR 2 (Hj Roslee)	AUDITOR 3 (Dr Zahid)
	7.30 am – 8.00 pm	Kuala Kangsar	Kuala Kangsar	Kuala Kangsar
		 Inspection of active harvesting area – AK-01-70-19 HSK Piah Forest Checking Station – BPH Bergerak Lasah Inspection of closing harvesting area – AK-01-85-19 HSK Korbu Nursery Ulu Piol, Manong 	 Inspection of active harvesting area – AK-01-73-19 HSK Piah Forest Checking Station – BPH Bergerak Manong Inspection of closing harvesting area – AK-01-31-19 HSK Kledang Saiong HCVF area – Meranti Lapis (Shorea lamellate) HSK Bubu 	Consultations with local community & Orang Asli 1.Kg. Lintang (Kg. Melayu) 2.Kg. Bawong)Orang Asli) 3.Kg. Terham (orang Asli)
		Review of Day 3 FindingsAll auditors overnight at	=	
Day 4 Thursday (20/02/2020)		AUDITOR 1 (Razman)	AUDITOR 2 (Hj Roslee)	AUDITOR 3 (Dr Zahid)
	7.30 am – 8.00 pm	• Forest Plantation area (TLC) — Getah Upaya Sdn Bhd	 Kinta/Manjung Inspection of active harvesting area – AM-01-86-19 HSK Bukit 	Kinta/Manjung & Perak Selatan • Consultations with

		Forest Plantation area (Kelempayan tree) - Tropical Forest Sdn Bhd Review of Day 4 Findings All auditors overnight at	 BPH Bergerak Ulu Kluang Inspection of closing harvesting area – AM-01-90-19 HSK Parit by Audit Team Leader 	local community & Orang Asli 1.Kg. Pelantok (Orang Asli) 2.Kg. Batu 7, Parit (Kg. Melayu)
Day 5 Friday (21/02/2020)		AUDITOR 1 (Razman)	AUDITOR 2 (Hj Roslee)	AUDITOR 3 (Dr Zahid)
	8.30 am – 12.00 pm	Continue documentation	and records review at JPNP	office.
	12.00 -	Lunch and Friday Prayer		
	2.30 pm 3.00 – 5.00	Closing meeting		

Details on NCRs and OFIs Raised During this Surveillance 1 Audit and Corrective Actions Taken

Indicator	Detail Non-conformances	Corrective Action Taken	Verification by Assessor
Minor NCR: MRS 01 2020	Requirement: Indicator 6.3.1 Availability and implementation of management guidelines to assess post-harvest natural regeneration and measures to supplement natural regeneration and rehabilitate degraded areas, where necessary, in the FMU.	Jabatan Perhutanan Negeri Perak akan menekankan aspek rekod tanaman di dalam taklimat berkaitan perkara ini kepada semua bakal kontrator serta akan mengedarkan boring berkaitan seperti mana dalam Manual Perhutanan Jilid III (Seksyen Silvilkultur).	Accepted corrective action plan. Status: Will be verified the implementation and effectiveness of corrective action plan during next audit.
	 Finding: Information written in the record of enrichment planting was not specific in term of monitoring, species planted, inventory and treatment. Planting of seedling during enrichment planting was not covered the whole skid trail Polybag of seedlings were left in licence area after enrichment planting activity Objective evidence: Record of species planted, monitoring, inventory and treatment for enrichment planting in skid trails, ex log landing and logging camp was not available in the report as required under para 4.5 "	Jabatan Perhutanan Negeri Perak telah megambil tindakan ke atas Pelesen yang berkenaan untuk semak semula seperti Lampiran 6. Jabatan Perhutanan Negeri Perak akan memaklumkan keperluan untuk melupuskan semua sisa (polybag) kepada pelesen/kontraktor (tindakan PHD dan Seksyen Silvilkultur) di dalam taklimat kepada Pelesen/Kontraktor.	
Minor NCR: RJ01/2020	Requirement: Indicator 6.5.3 - Availability and implementation of guidelines for forest road lay-out and construction, including log landings and drainage requirements. Finding: Construction of side drain, cross drain, sump and culvert did not follow forest road construction guideline. Objective evidence: At Licence area AK-01-73-19, HSK Piah, AU-01-97-19, HSK Belukar Semang and AM-01-86-19 HSK Bukit Kinta drainage requirement (side drain, cross drain, sump and culvert) was not maintained along feeder road.	Jabatan Perhutanan Negeri Perak telah mengambil tindakan ke atas Pelesen yang berkenaan seperti surat di lampiran 1, lampiran 2 dan Lampiran 3. Jabatan Perhutanan negeri Perak telah merancang untuk menganjurkan Kursus MC&I kepada kakitangan dan pelesen /kontraktor pada 17-19 Mac 2020. Walau bagaimanapun, berikutan arahan Perintah Kawalan Pergerakan (PKP) oleh pihak Kerajaan, kursus tersebut terpaksa ditunda sehingga aktiviti latihan dibenarkan. Untuk makluman, JPNPk telah menjadikan Kursus mC&I salah satu kursus wajib anjuran HBK&L dan disenaraikan	Accepted corrective action plan. Status: Will be verified the implementation and effectiveness of corrective action plan during next audit.

Minor	Requirement : Indicator 6.5.4 - Availability and	dalam Pelan Operasi Latihan (POL) pada setiap tahun. Sehubungan itu, JPNPk akan memastikan dan mengenalpasti kakitangan/pelesen/kontraktor yang terlibat secara langsung untuk hadir ke kursus tersebut dan juga sebagau refresement kepada yang telah hadir sebelum ini.	Accepted corrective action
NCR: RJ02/2020	implementation of guidelines for conservation of buffer strips along streams and rivers. Finding: Buffer zone not demarcated on the ground at harvesting area. Objective evidence: Site inspection at active harvesting area for Licence no. AK- 01-73-19 HSK Piah, it was found that, the demarcation of riparian buffer zone was not evidence on the ground at a buffer strip at JT2/MT3 from station 11b to point 3C as demarcated in the road map.	telah mengambil tindakan ke atas Pelesen yang berkenaan seperti surat di lampiran 4 dan Lampiran 5. Jabatan Perhutanan negeri Perak telah merancang untuk menganjurkan Kursus MC&I kepada kakitangan dan pelesen /kontraktor pada 17-19 Mac 2020. Walau bagaimanapun, berikutan arahan Perintah Kawalan Pergerakan (PKP) oleh pihak Kerajaan, kursus tersebut terpaksa ditunda sehingga aktiviti latihan dibenarkan. Untuk makluman, JPNPk telah menjadikan Kursus mC&I salah satu kursus wajib anjuran HBK&L dan disenaraikan dalam Pelan Operasi Latihan (POL) pada setiap tahun. Sehubungan itu, JPNPk akan memastikan dan mengenalpasti kakitangan/pelesen/kontraktor yang terlibat secara langsung untuk hadir ke kursus tersebut dan juga sebagau refresement kepada yang telah hadir sebelum ini.	Status: Will be verified the implementation and effectiveness of corrective action plan during next audit.
OFI#1	Requirement: Indicator 1.4.1: Availability of appropriate procedures within current administrative processes for identifying and protecting such sites and provisions for rights of access to these sites by indigenous peoples within relevant federal, state and local laws or by mutual agreement The process for identifying and protecting such sites and provisions for rights of access to these sites by indigenous peoples is provided in Pekeliling Ketua Pengarah Perhutanan Semenanjung Malaysia Bilangan 8 Tahun 2015 — Panduan Penubuhan dan Pengurusan Kawasan Hutan Mempunyai Nilai Pemeliharaan Yang Tinggi (HCVF) Dalam Hutan Simpanan Kekal (HSK) Di Semenanjung Malaysia. It would be an improvement if a specific procedure for identifying and protecting such sites and provisions for rights of access to these sites by indigenous peoples is developed.	Not required.	Not required.

OFI#2	Requirement:	Not required.	Not required.
	Indicator 3.3.1: Availability of appropriate procedures within current administrative processes for identifying and protecting such sites and provisions for rights of access to these sites by indigenous peoples within relevant federal, state and local laws or by mutual agreement The process for identifying and protecting such sites and provisions for rights of access to these sites by indigenous peoples is provided		
	in Pekeliling Ketua Pengarah Perhutanan Semenanjung Malaysia Bilangan 8 Tahun 2015 – Panduan Penubuhan dan Pengurusan Kawasan Hutan Mempunyai Nilai Pemeliharaan Yang Tinggi (HCVF) Dalam Hutan Simpanan Kekal (HSK) Di Semenanjung Malaysia. It would be an improvement if a specific procedure for identifying and protecting such sites and provisions for rights of access to these sites by indigenous peoples is developed.		
OFI#3	Requirement: Indicator 4.2.5: Demarcation of hazardous areas and provision of guidelines for storage and handling of hazardous materials	Not required.	Not required.
	1) Chemical register and safety data sheet for alcohol, ethyl acetate and chloroform yet to be made available at Ulu Piol nursery 2) Record of fertilizer was not updated for Rhio Brand, Baja Nitrophosphate and Polyphas Super at Ulu Piol nursery		
OFI#4	Requirement: Indicator 4.4.1 Forest managers shall evaluate, through consultations, social impact of forest operations directly affecting communities, and the people and groups directly affected by the forest operations shall have access to information on the results of the social impact evaluations.	Not required.	Not required.
	Social impact assessment of forest harvesting as required by this indicator was carried out by the districts visited by the auditor. However it was found that:		
	i. the form Panduan Maklumat Kajian Impak Sosial Dalam Sektor Pembalakan (Sebelum Pembalakan) used in Kg Bekut is slightly different from the one used in Kg Terhem (both in Kuala Kangsar) and in Hulu Perak and Kinta Manjung ii. for Kg Sg Badok, Kinta Manjung only assessment for "Semasa" was carried out.		

	The assessment for "Sebelum" was carried out on the same date as assessment for "Semasa". It would be an improvement if the same forms are used in all districts and the "Sebelum", "Semasa" and "Selepas" assessments carried out in a timely manner in all the communities identified as located in areas close to the licence areas.		
OFI#5	Requirement: Indicator 7.2.1: Implementation of procedures to periodically revise the forest management plan, incorporating the results of monitoring or new scientific and technical information, the frequency of which shall be appropriate to the scale and intensity of forest management operations, so as to respond to changing environmental, social and economic circumstances The FMU has allocated budget for FMP 2016-2025 mid-term review for year 2020. However, appointment of consultant for the revision yet to be issued.	Not required.	Not required.

Attachment 6

Verification on Previous Findings on NCR Raised During Verification Audit (Stakeholders Comments) on 8-12 July 2019

Indicator	Detail Non-conformances	Corrective Action Taken	Verification by Assessor
Major NCR: IAM01/2019	Indicator 6.5.4 — Availability and implementation of guidelines for conservation of buffer strips along streams and rivers	Surat tindakan pembetulan bagi penandaan semula zon penampan bagi kawasan lesen telah dikemukakan oleh pegawai yang terlibat.	Corrective Action and evidence of implementation has been submitted by Perak FMU on 15 th October 2019. The audit team has verified and accepted the corrective action and evidence of implementation for the Major NCR raised. Status: Closed
Major NCR: LYD01/2019	Indicator 7.3.2 - Forest workers shall be trained as to their respective roles in the implementation of the forest management plan	Jabatan Perhutanan Negeri Perak telah menjalankan satu Kursus Penialaian Impak Sosial (SIA) dalam Pengurusan Hutan bagi tahun 2019 bagi meningkatkan pengetahuan kakitangan jabatan dalam mengenalpasti, menilai dan menyampaikan maklumat berkaitan Penilaian Impak Sosial ini.	Corrective Action and evidence of implementation has been submitted by Perak FMU on 15 th October 2019. The audit team has verified and accepted the corrective action and evidence of implementation for the Major NCR raised. Status: Closed

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

Indicator	Detail Non-conformances	Corrective Action Taken	Verification by Assessor
4.2.3 NCR: RJ 01/2019	Requirement: 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: Fire extinguisher was not available at workers quarters at Kongsi Perak ITC Sdn.Bhd. Objective evidence: During site visit to Kongsi Perak ITC Sdn.Bhd. In Compt 61 Temenggor PRF it was found that the fire extingusher were not provided at the 4 workers quarters. The fire extingusher provided at one of the quarters and canteen have no label of inspection by the Fire department and no evidence of expiry date.	Surat peringatan dan teguran telah dikeluarkan kepada pihak Perbadanan Kemajuan Kerajaan Negeri Perak. Rujukan Fail: Bil, (2) dalam PHD.HPK.100/03/17 JLD.5. Gambar alat-alat pemadam kebakaran yang telah dipasang dilampirkan. Pihak Pengurusan Kongsi Pekerja Perak ITS Sdn Bhd juga akan melantik seorang penyelia bagi memantau keperluan keselamatan di kawasan kongsi pekerja.	During site visit at all sampled harvesting area (AU-01-100-19 HSK Temenggor, AU-01-97-19 HSK Belukar Semang, AK-01-70-19 HSK Piah, AK-01-86-19 HSK Bukit Kinta), nursery (Air Ganda & Ulu Piol) and also plantation area at Compt. 5, 7, 12 & 19, G. Besout FR — Projek TLC Petak no.4 Usahasil AS-01-16-17(P), it was found that the fire extinguisher were provided and still valid after inspection by Rescue and Fire Department. Status: Closed
6.5.1 NCR: MRS 01 2019	Requirement: Indicator 6.5.1 Availability and implementation of harvesting procedures to protect the soil from compaction by harvesting machinery and erosion during harvesting operations. Finding: 1. The constructed skid trail from different temporary logyard (matau sementara) were connected to each other 2. The constructed feeder road (jalan tuju) and skid trail were without approval from District Forest Officer 3. Tree and soil were pushed into the riparian buffer zone. Objective evidence: 1. Site inspection of active harvesting area at Temengor PRF (AU-01-43-18) found skid trail LP13/3 from temporary logyard 2 (M2) was connected with skid trail LP18/3 from temporary logyard 2 (M3). 2. Jalan Tuju 1 in license AU-01-110-18, Air Chepam PRF and skid trail LP13/3 & LP18/3 at Temengor PRF (AU-01-43-18), were constructed without approval and did not follow 'Pelan Jalan'. 3. Road construction at JT 1 in licence no.AU-01-77-18 Compt.61 Block 14	Surat tunjuk sebab telah dikeluarkan kepada Pegawai Renj dan pasukan serta juga kepada Syarikat Pembalakan. Dilampirkan gambar kerja-kerja pembetulan jalan tuju dan lorong penarik. Surat Permohonan Pindaan Pelan Pindan Cadangan Jajaran Jalan Hutan daripada Pejabat Hutan Daerah Hulu Perak kepada Pejabat Pengarah Perhutanan Negeri Perak bagi lesen AU-01-100-18. Surat Permohonan Pindaan oleh PHD Hulu Perak — Rujukan Fail: PHD.HPK.05/10/1004(36). Surat Kelulusan Permohonan Pindaan oleh PPN Perak — Rujukan Fail: Bil.(42) dalam PPN.Pk.(UK)300/41/1/2019. Surat Syor Kompaun oleh Pejabat Hutan Daerah Hulu Perak ke atas kesalahan melanggar Syarat Lesen oleh Syarikat Pembalakan bagi lesen AU-01-43-18 kepada Pejabat Pengarah Perhutanan Negeri Perak — Rujukan Fail: Bil.(53) dalam PHD.HPK.05/10/1054.	Construction of forest road such as feeder road and skid trail were followed RIL specifications as verified during site visit at active and post harvesting area during this audit. Tagged trees, felled in the direction as intended, will incur the least damage to the environment. Status: Closed

Temenggor PRF showed that soil had been pushed into the buffer zone and Laporan Pembersihan penolakan Tanah the no retaining wall was constructed dan Sisa-sisa Kayu di Dalam Zon at the culvert. Penampan Air bagi Lesen AK-01-106-4. At Jalan Tuiu 3. licence no. AK-01-106-18. - Ruiukan Fail: PHD.KK.100/03/64 18 Compt. 205 Piah PRF, a tree and soil JLD. 3(68). were pushed into the buffer zone Kursus Garis Panduan Jalan Hutan 2010 (Pindaan 2013) telah diadakan pada 26 - 28 Februari 2019 kepada kakitangan Jabatan dan wakil syarikat pembalakan (Kepala Hutan dan Pemandu Jentera) -Rujukan Fail: PPN.PK.100/04/03 JLD. 14(6). 7.3.1 Requirement: Indicator 7.3.1 - Availability Surat tunjuk sebab telah dikeluarkan The FMU had conducted kepada Pegawai Balai dan Syarikat of facilities and programmes for training of training on nursery and chemical handling on 12-14 Pembalakan. Rujukan Fail: Bil. (1) forest workers for proper implementation NCR: dalam PHD.HPK.100/03/17 JLD. 5. March 2019. Training on of the forest management plan. MRS 02 2019 scheduled waste management had been conducted on 15-16 Jabatan akan menganjurkan latihan Finding: April 2019. The FMU also has seperti berikut: 1. The FMU has yet to conduct scheduled included training on scheduled waste training for scheduled waste 1.Kursus Pengurusan Tapak Semaian waste management in annual operator. dan Bahan Kimia bagi Tahun 2019 training program for year 2020. 2. Annual training programme did not The previous audit issue on 2.Kursus Pengurusan Bahan Buangan include scheduled waste management different measurement and Terjadual, 2019 awareness training. record of logs in the 'Buku 3.Kursus Pengurusan Balai 3. The recording of measured log on the Kawalan Pengeluaran' and Oemeriksaan Hutan dan Sistem Akuan lorry at Forest Checking Station was 'Delivery Invoice (Form C2)', Hasil Hutan incorrect. there was no recurrence issue on this. Objective evidence : **Status: Closed** 1. The FMU did not conduct training on scheduled waste management to scheduled waste operator. 2. Annual training programme for year 2019 did not cover topic on scheduled waste management / 'SOP Bagi Pelupusan Sisa Pepejal dan Cecair Bukan Organik Berdasarkan Keperluan Kualiti Alam Sekitar' The recording of logs diameter at Forest Checking Station BPH Bergerak Gerik 1 at Bandariang showed that the diameter for 1^{st} log (47cm), 2^{nd} log (84cm) and 3^{rd} log (66 cm) for Log No. AJ 10164 in the 'Buku Kawalan Pengeluaran' which was only based on measurements provided by the delivery invoice (Form C2). The DBH for this log recorded in Buku Kawalan Pengeluaran was 70 cm, species Meranti Tembaga. Verified **Requirement:** Not required. Syarat-syarat Kelulusan Laporan Kajian OFI: Indicator 6.10.1: Penilaian Kesan kepada Alam The forest manager shall ensure that #1 Sekeliling (EIA) and conversion from natural forest to forest Environmental Quality Report plantations or nonforest use: (EQR) for plantation area licenced under Getah Upaya

 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, 	Sdn Bhd, Jutawan Jewels Sdn Bhd, Handal Unik Sdn Bhd, Zirama Properties Sdn Bhd and Syarikat Waja Kinrara Sdn Bhd.
additional, secure, long term conservation, economic and social benefits across the FMU	Status: Closed
The licensee for plantation area (TLC and rubber) has submitted the monitoring report as per EIA requirements to DOE. However, the record was not circulated to the FMU after submission to DOE.	