



**PUBLIC SUMMARY  
FIRST SURVEILLANCE AUDIT (3<sup>rd</sup> CYCLE) ON  
PERAK FOREST MANAGEMENT UNIT  
FOR FOREST MANAGEMENT CERTIFICATION**

**Certificate Number: FMC 0004  
Date of First Certification: 7<sup>th</sup> July 2010  
Audit Date: 26-30 September 2016  
Date of Public Summary: 25<sup>th</sup> July 2017**

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## EXECUTIVE SUMMARY

This surveillance audit on the Perak Forest Management Unit (hereafter referred as the Perak FMU) was conducted on 26<sup>th</sup> -30<sup>th</sup> September 2016 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 (Natural Forest)* [MC&I(Natural Forest)] using the verifiers stipulated for Peninsular Malaysia. The scope of this surveillance audit was limited to the forest management system and practices on the Permanent Reserved Forest (PRF) within the Perak FMU.

This surveillance audit was conducted by a 3-member team comprising Khairul Najwan Ahmad Jahari, (Lead Auditor), Dr. Zahid Emby (Auditor), Ismail Adnan Abdul Malek (Auditor). Gan Boon Keong participated in this surveillance audit as an observer from STANDARDS MALAYSIA.

Based on the findings of this surveillance audit, it was found that Perak FMU had continued to comply with the requirements of the MC&I(Natural Forest). This surveillance audit had resulted in the issuance of 1 (one) and 2 (two) major and minor Non Conformity Reports (NCRs) respectively. In addition, 1 (one) Observation for Improvements (OFIs) were raised.

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.

## 2 INTRODUCTION

### 2.1 Name of FMU

Perak Forest Management Unit

### 2.2 Contact Person and Address

Dato Hj Roslan bin Ariffin (Director)  
Perak State Forestry Department  
Persiaran Meru Utama  
Bandar Meru Raya  
30020 Ipoh  
PERAK DARUL RIDZUAN  
Phone # : 05-528 8100  
Fax # : 05-528 8101

### 2.3 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 (5) forest districts namely the South Perak, Kinta/Manjung, Kuala Kangsar, Larut/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 (2016-2025), 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 audit, the Perak FMU has increased in size from 991,436 ha to 998,306.02 ha following the new gazettment of 6870.02 ha of the forest as PRF. The FMU currently comprises of 998,306.02 ha of PRF or 47.2% of the State's total land area of 2.1 million ha. The PRFs within the FMU consist mainly of inland Dipterocarp forests covering an area of 956,082.38 ha with the remaining 42,223.64 ha under mangrove forests.

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

## 2.4 Date First Certified

7<sup>th</sup> July 2010

## 2.5 Location of the FMU

The FMU is located between 3° 40'30" N to 5° 53'30" N and 100°12'30"E to 101°54'00"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 (2020) was presented during this audit.

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

Under the Eleventh Malaysia Plan (2016-2025), the annual allowable cut (AAC) for the FMU had been set at 7,744 ha. During this surveillance audit, the size of the FMU is 998,306.02 ha.

## 2.8 Environmental and Socioeconomic Context

In view of the state-wide scale of the Perak FMU, an appropriate macro-level environmental impact assessment (MEIA) was conducted in 2007. Recommendations from the MEIA report were incorporated in the FMP (2016 – 2025) (Draft). In the Central Forest Spine (CFS) Programme, several biological corridors were planned within the FMU to conserve wildlife movement and habitats. The PSFD is a prominent and active member of the CFS working committee (Jawatankuasa Kerja CFS). The PSFD also conserves biological corridors for wildlife movement and is an important and active member of the Central Forest Spine (CFS) Programme and working committee (Jawatankuasa Kerja CFS).

Environmental impact assessments on rare, threatened and endangered species of flora and fauna were included in the MEIA report on the FMU (2016 – 2025) (Draft) The need for biological corridors for wildlife movement was also addressed in the report. In compliance with the MEIA recommendations, a survey on the Dipterocarp flora showed 11 species were native to the Perak FMU and classified as endangered out of a total of 60 for the whole country.

The Orang Asli or local communities did not have any right of ownership over land in the PRF. However the Orang Asli were allowed under the Act to freely access the forest and collect forest resources for their own consumption. The Perak FMU recognized and supported these legal rights of the Orang Asli. There was no case reported of forest operations carried out by the PSFD/logging contractors in aboriginal reserves or areas. Neither was any civil court case pertaining to legal or customary tenure or use rights within the PRF recorded.

In cases where the Orang Asli had established settlements in forest areas or forest peripheries before or after the forests were gazetted as PRF, the rights of the community to informal tenureship and use of surrounding forest resources for subsistence were taken into account by the PSFD in its forest management, planning and implementation.

## 3. **AUDIT PROCESS**

### 3.1 Audit Dates

26-30 September 2016 (15 auditor man-days)

### 3.2 Audit Team

Khairul Najwan Ahmad Jahari	(Lead Auditor)
Ismail Adnan Abdul Malek	(Forester)
Dr.Zahid Emby	(Sociologist)
Gan Boon Keong	(Observer from STANDARDS MALAYSIA)

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 one-month stakeholder consultation was conducted beginning August 2016 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**.

### 3.5 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); 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.

Consultations were held with the Orang Asli communities in Kg. Orang Asli Kajang which is located outside the PRF, members of the Village Development and Security Committee (Jawatankuasa Kemajuan dan Keselamatan Kampung) of Kg. Ketior, the villagers of Kg. Ulu Kenas and Kg. Lintang as well as contractors and workers operating in the Perak FMU. The audit team had also held meetings with the officers and the uniformed field staff of the PSFD.

The coverage of this surveillance audit is as shown in the surveillance 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 audit report and sent it to the PSFD for comment.

## 4 SUMMARY OF AUDIT FINDINGS

Based on the findings of this surveillance 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 had resulted in the issuance of one (1) major, two (2) minor NCRs and one (1) OFI. The details on the NCRs/OFIs raised are shown in **Attachment 5**.

The audit team had reviewed, accepted and verified the corrective actions taken by the PSFD to address the one (1) major NCR raised during this surveillance audit. The audit team was satisfied that the corrective action had been effectively implemented and had therefore closed out this major NCR. The audit team had also reviewed and accepted the PSFD's proposed corrective actions to address the two (2) minor NCRs. These corrective actions shall be verified by the audit team during the next audit.

The audit team had also verified the corrective actions taken by the PSFD to address the three (3) Minor NCRs and six (6) OFIs which were raised during the previous audit. The responses made by the audit team leader on these corrective actions and on the final status of the NCRs and OFIs are as in **Attachment 6**.

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 increased in size from 991,436 ha to 998,306.02, following the new gazettement of forest areas as PRF covering an area of 6,870.02 ha.

As the major NCR raised during this surveillance audit had been closed out, the audit team had therefore recommended that the Certificate for Forest Management awarded to the Perak State Forestry Department – Perak FMU be maintained for the remaining period of one year until 31<sup>st</sup> May 2019.

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
<p><b>Principle 1 Compliance with Laws and Principles</b></p>	<p>The forest management had maintained records of all relevant national and local laws and regulations and policies related to forest management. Copies of all relevant laws, policies and regulations stipulated in the MC&amp;I (Natural Forest) fundamental for the FMU management was up to date. These documents were also available in the District Forest Offices.</p> <p>Forest officers (District Forest Officers and Assistants Director) are aware and understand the relevant national and local laws and regulatory framework.</p> <p>There were detailed records of violations of the National Forestry Act by logging contractors and the public maintained in the District Forestry Offices and in the Head Office in Ipoh.</p> <p>The forest managers were found to be aware of all the binding international agreements.</p> <p>The initiatives implemented by PSFD 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.</p> <p>The PSFD had continued to conduct briefings and seminars to explain the concept and implementation of the MC&amp;I (Natural Forest) and policies to the department's staff and contractors.</p>	<p>There were no negative findings.</p>
<p><b>Principle 2 Tenure and Use Rights and Responsibilities</b></p>	<p>The documentation of legal status and established forest use rights of the land or forest resources within the relevant federal, state and local laws was made available during the audit. Documents related to forest reserve gazettement which are under the National Forestry Act were kept at the PSFD headquarters. Records of the gazetted forest reserves in the 5 districts of the FMU with their names, land areas, gazette numbers and dates of gazette was presented to the audit team.</p> <p>Forest managers had demonstrated their willingness to support all legally recognized mechanisms for resolving land claims by accepting and following the Aboriginal Peoples Act, 1954 (specifically Section 6, 7, 8, 10, 13, 19) and the court of law.</p> <p>There were mechanisms available for resolving disputes. In addition, the PSFD had established a joint consultative committee with the Department of Orang Asli Development or <i>Jabatan Kemajuan Orang Asli</i> (JAKOA).</p>	<p>There were no negative findings</p>

Principle	Strengths	Weaknesses
<p><b>Principle 3 Indigenous People's Rights</b></p>	<p>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. There was no case of logging/harvesting/forest operations being carried out in aboriginal reserves or areas.</p> <p>There was no recorded civil court case pertaining to legal or customary tenure or use rights within the PRF.</p> <p>Appropriate procedures for identification and protection of sites of special cultural, ecological, economic or religious significance to the Orang Asli had been established. Management procedure mechanisms had been put in place to ensure that these sites were identified and duly protected and the community's right of access to these areas were provided for.</p> <p>There was no evidence to show that the Orang Asli's traditional forest-related knowledge and practices in forest species or management systems had been used in forest operations.</p>	<p>There were no negative findings</p>
<p><b>Principle 4 Community Relations and Workers' Rights</b></p>	<p>The Perak FMU had provided sufficient support for training, retraining, local infrastructure, facilities and social programs for departmental staff. There is a centralised training centre in Sungai Siput with facilities for the training programmes of the PSFD. Training and retraining were made available to the employees of the PSFD as well as logging contractors and their workers.</p> <p>There were records to confirm that people in communities living within, or adjacent to the FMU were given preference for employment and contract works.</p> <p>Up-to date information on all applicable laws and regulations covering occupational safety and health of forest workers had been disseminated to the forest workers</p> <p>The PSFD had communicated to the PSFD's staff and contractors' workers of their rights to freely organise into union of their own choice. There were provisions for the PSFD's staff to organise and undertake collective bargaining. PSFD's staff through the government employees union, CUEPACS and <i>Persatuan Pegawai-Pegawai Hutan Melayu Malaysia Barat</i> (Association of Malay Foresters Peninsular Malaysia).</p> <p>The logging contractors' workers were not unionised but their welfare was being protected under the Employment Act 1955, and being encouraged with the information made available to them through posters and a letter from the Perak Timber Trade Association</p>	<p>The PSFD had continued to monitor the potential impacts of forest operations on local community's socio-economic and cultural life through consultations with the local community each time an area was approved for harvesting.</p> <p>However, there were some inconsistencies found in the instrument (Panduan Maklumat Kajian Impak Sosial Dalam Sektor Pembalakan) used in assessing social impacts in Kuala Kangsar and Larut Matang Forest Districts. For pre-felling, the eight-item questionnaire form was used in both districts. However, for on-going logging and post-felling, the</p>



Principle	Strengths	Weaknesses
	<p>to all companies and contractors on the freedom of the workers to participate in a union or association as provided for under the ILO Convention No.98.</p>	<p>twenty-five item questionnaire form was used in Kuala Kangsar while the twenty-one item questionnaire form was used in Larut Matang.</p> <p>It was also found that two villages (Kg. Ulu Kenas, Kuala Kangsar and Kg. Sungai Siput (S), Kinta Manjung) were not included in the SIA as the villages were said to be some distance away from the logging area. However, logging trucks used logging roads which passed through the village lands in order to transport the logs and thus the villagers may be affected positively or negatively from the overall operation. Therefore an <b>OFI was raised by auditor for Indicator 4.4.1.</b></p>
<p><b>Principle 5 Benefits from the Forest</b></p>	<p>Investments and reinvestments were made in PSFD forest management in 2016. The budget and expenditures for year 2016 were sighted.</p> <p>The main focus of the Perak FD forest management is the production of high quality tropical timbers, the ultimate objective of all programmes is to ensure the sustainable management of the resources that include NTFPs as well as ecosystem services.</p> <p>The PSFD had continued to minimize wastage through proper pre-harvest, tree tagging as well as precise directional felling to prevent residual stand from being damaged. The auditor had seen no significant damage or waste (such as abandoned logs) during harvesting from the tree stumps to main log landing site or <i>matau</i>.</p> <p>Perak FMU management has established standard procedures for the identification and demarcation of sensitive areas for the protection of soil and water</p>	<p>There were no negative findings</p>

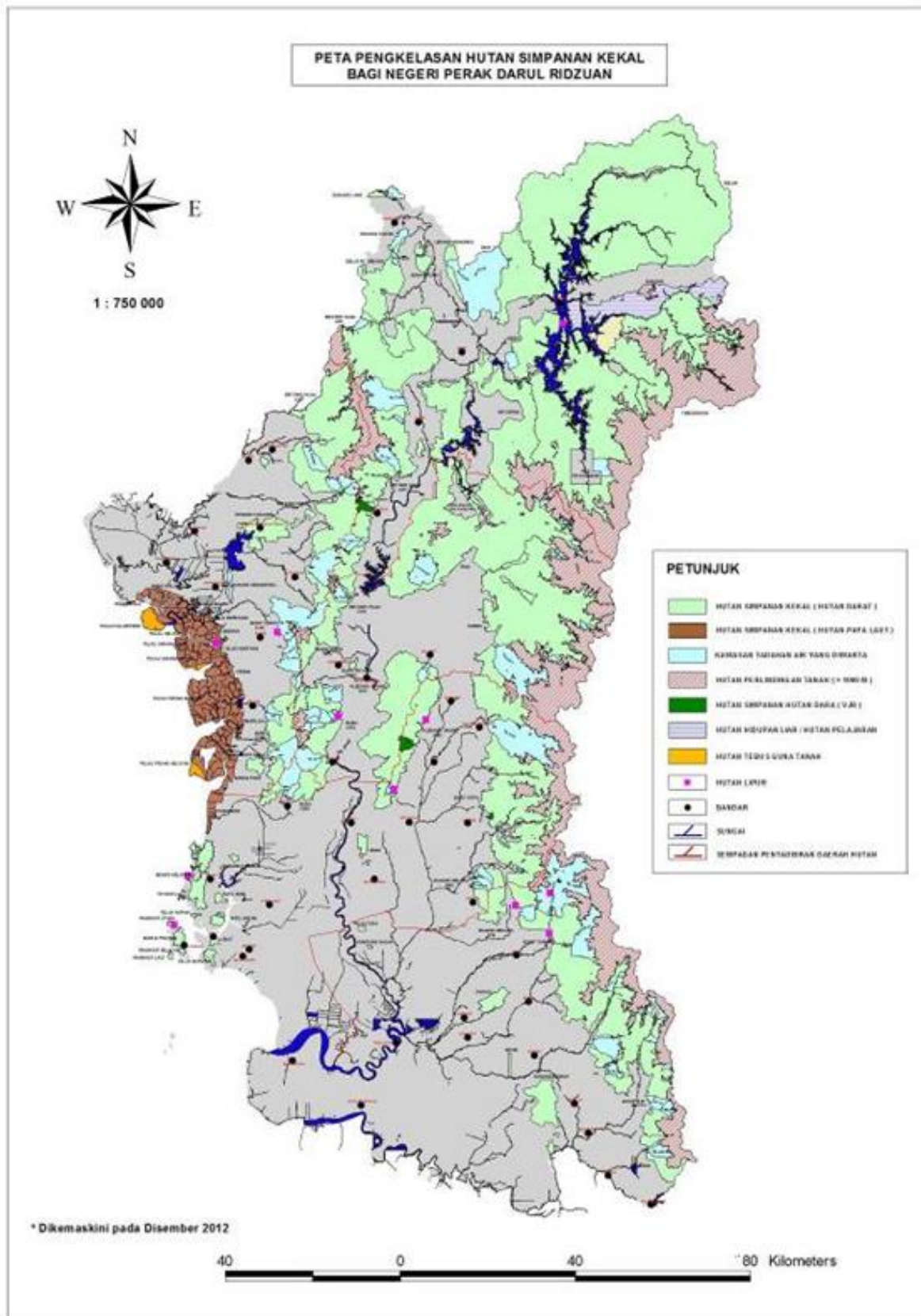
Principle	Strengths	Weaknesses
	<p>resources. Areas exceeding 1,000 meters above sea level or with slopes of more than 40 degrees were excluded from logging, demarcated and mapped as protection forests.</p> <p>Harvesting rates in Perak FMU were determined by the annual allowable cut (AAC) set in the FMP and in the 11th Malaysia Plan for the amount 7,744 ha a year or a total of 38,720 ha over the five year duration in the plan (2016-2020). For 2016, the area harvested throughout the Perak FMU up to August was 4,743 ha which was still below the annual allowable cut.</p>	
<p><b>Principle 6 Environmental Impact</b></p>	<p>An appropriate macro-level environmental impact assessment (MEIA) was conducted in 2007. Recommendations from the MEIA report were incorporated in the mid-term review of the FMP (2006–2015) and in the FMP (2016–2025) (Draft). Both reports were sighted at the Ipoh PSFD office.</p> <p>Many of the major wildlife corridors, or Primary Links, identified as the major corridors are located in the FMU (eg. Temenggor PRF-Royal Belum State Park; Padang Chong PRF–Sungai Kuak PRF; Ulu Muda PRF–Gunung Inas PRF; Kenderong PRF-Bintang Hijau PRF; Bintang Hijau Larut Matang PRF–Bintang Hijau Kuala Kangsar PRF; Bukit Larut PRF–Bubu PRF) as well as several associated Secondary Corridors. Record showed that for 2016, RM 2,000,000 was budgeted for Biological Corridors Development/Maintenance and data analysis.</p> <p>Environmental impact assessments (EIA) on rare and threatened species of flora and fauna were included in the MEIA report on the FMU. The need for biological corridors for wildlife movement was also addressed in the report.</p> <p>Guidelines for identifying and protecting ERT species including features of special biological interest, and Guidelines for establishing conservation and protection areas, in accordance with existing forest ecosystems protection requirement were made available.</p> <p>There was continuous cooperation between forest managers, conservation organizations and regulatory authorities on implementing conservation and management activities.</p> <p>Hunting, fishing, collecting and other unauthorized activities were not allowed within the PRF areas and this had been communicated down to the District Forest Office, Ranger Office and at the contractor level. The posters of ERT species had been posted at the District Forest and Ranger Offices as well as logging camps. Local communities were quite aware of</p>	<p>During the inspection of the closed logging site in Compartment 47&amp;61 of Temenggor PRF in Hulu Perak Forest District, under license AU 01-18-16 (Perbadanan Kemajuan Negeri Perak), it was found that the slope of skid trails (LP22/1 and LP23/1) had exceeded 22°. The construction of skid trails in harvesting areas did not follow the specifications as in Garis Panduan Jalan Hutan 2010 (Pindaan 2013). <b>Therefore, a Minor NCR LYD 02/2015 for Indicator 6.5.3 was re-issued to Minor NCR KN01/2016 for Indicator 6.5.3.</b></p> <p>The implementation of guidelines for conservation of buffer strips along streams and rivers were not adhered to. <b>Therefore, a Minor NCR for Indicator 6.5.4 was upgraded to Major NCR by the auditor.</b></p>

Principle	Strengths	Weaknesses
	<p>the existence of ERT species in the FMU. They were also informed of the need to protect the wildlife.</p> <p>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.</p> <p>Although production forests represented the largest function class in the FMU, specific areas were however conserved as virgin jungle reserves (VJRs) as to preserve its vegetation and environment of the forest area in its natural and original condition.</p> <p>Biological control agents have not been used in the Perak FMU management. There are no records of application of biological control agents in the FMU.</p> <p>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. An area of 9,200 ha had been converted into TLC plantations. Approvals for the conversion were documented and in line with applicable laws and policies.</p> <p>The cumulative extent of Perak FMU converted into Forest Plantation as of July 2016, was 2,200.55 ha. 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).</p>	
<p><b>Principle 7 Management Plan</b></p>	<p>A draft PSFD forest management plan, FMP (2016-2025) was seen during assessment. The document provided for all the items (a-i) as listed above including annual harvest rate, species selection, environmental safeguard and assessment, protection of ERT species, protected areas, and planned management activities and the Reduced/Low Impact Logging (RIL) Operation. Collectively the elements contribute to the overall objective of managing the nation's forest resources sustainably for the continuous yield in forest products and services and their optimum use in harmony with the requirements of the environment.</p> <p>PSFD staff at all levels attended structured training programmes in 2016 to date. The programmes were specifically aimed at proper implementation of the MC&amp;I, focusing on avoiding potential NCR situations. Among the courses conducted includes forest checking station management, forest road construction, occupational health and safety, handling and management of poisonous chemical, and nursery establishment and management. Most of the courses were conducted at the Forestry Training Complex in</p>	<p>There were no negative findings.</p>

Principle	Strengths	Weaknesses
	<p>Sg. Siput.</p> <p>The draft of Forest Management Plan (2016-2025) also included a clear summary and was made widely accessible to the general public through downloading in its webpage.</p>	
<p><b>Principle 8 Monitoring and Assessment</b></p>	<p>Director General's Directive on the use of monitoring forms A–D, [A: Infrastruktur (Infrastructure), B: Pengusahaan Hutan (Forest Harvesting), C: Alam Sekitar (Environment), D: Pengeluaran (Output)] and Borang SIA (social impact assessment before, during and after harvesting activities) had been used accordingly by PSFD.</p> <p>Growth plots in the FMU were maintained by the PSFD with data collection and analyses, and record compilation undertaken by FDP (HQ) staff in accordance to set procedures in the forestry manual (Manual Perhutanan Jilid 2, Lampiran 14 dan 26). The PSFD also routinely collate inventoried data (Pre-F and Post-F) to assist in harvesting together with data from VJR stands. The Post-F assessment of regeneration capacity was conducted through the establishment of 1 ha plots following harvesting of each compartment. Adequacy of the Post-F regeneration is a core requirement under the SMS, the standard management system adopted for hill forests. Records on Growth Plot (1992-2011) were sighted during the audit.</p> <p>All logs transported out of the forest in the FMU were accompanied by a delivery order prepared by the logging contractor where the tree number, species, log production number, log length, diameter, and net volume were documented. On the same form, the block number, coupe/license number, stumping point, name of recorder, date and vehicle number were also recorded. This delivery order also accompanied the logs to the nearest forest checking station of the PSFD. The foresters from PSFD in charge of the checking station measured the logs and verify the species, tag number and compared them with the information in the "Record of Tree Tagging" of the licence area. In the Removal Passes, the royalty incurred for the logs were calculated and recorded.</p> <p>Results and findings of the monitoring activities had been incorporated into the draft PSFD forest management plan, FMP (2016-2025). The following results from monitoring activities were incorporated into the FMP:</p> <ul style="list-style-type: none"> <li>• Analysis of growth and yield</li> <li>• Wildlife inventory analysis</li> <li>• Soil and water quality analysis</li> </ul>	<p>Documents for identifying all forest products leaving the certified area so that their origin could be easily determined were not updated in the tree tagging book.</p> <p>During the inspection of the records at Bandariang Checking Station in Hulu Perak Forest District for license AU 01-18-16 (Perbadanan Kemajuan Negeri Perak), it was observed that logs transported out as written in the Removal Passes (species, log diameters and lengths) were not documented as "removed logs" in the Tree Tagging Book;</p> <p>4) Removal pass no 349228 dated 29 June 2016  5) Removal pass no 349242 dated 30 June 2016  6) Removal pass no 349026 dated 30 May 2016.</p> <p>Therefore, a <b>Minor NCR was raised by auditor against indicator 8.3.1.</b></p>

Principle	Strengths	Weaknesses
	<ul style="list-style-type: none"> <li>• Social impact analysis</li> <li>• Social, environment, and economic cost benefit analysis.</li> </ul>	
<p><b>Principle 9 Maintenance of High Conservation Values</b></p>	<p>New HCVF have been identified at Compartment 51 &amp; 52, Chikus PRF. <i>Keruing Paya (Dipterocarpus coriaceus.)</i> was found growing in an area of about 4 ha and is in the preliminary stage of determination of its HCVF attributes in consultation with the PSFD and relevant stakeholders.</p> <p>Past HCVF sites had been identified and established in close compliance with set guidelines including appropriate consultations with the relevant stakeholders. The HCVF Report (2007) and its revision, High Conservation Value Forests 2012, and the report on water catchment areas (Kawasan Tadahan Air Bagi Hutan Simpan Negeri Perak Darul Ridzuan) were seen during document review.</p> <p>PSFD had consulted relevant stakeholders on the options to maintain or enhance the identified HCVFs. Forest management operations had considered and protected areas of high conservation value in the FMU with identified conservation attributes and options for the maintenance in FMP.</p> <p>Measures to demarcate, maintain and/or enhance the HCVF attributes were documented in the forest management plan and were effectively implemented. HCVFs in the FMU were documented in the draft PSFD forest management plan, FMP (2016-2025).</p> <p>Public summary of the Forest Management Plan with the HCVF measures included has been made available to public at website address: <a href="http://www.perakforestry.gov.my/index.php/mengenai-jpnpk/maklumat-mc-i/kawasan-hutan-bernilai-pemeliharaan-tinggi-hcvfs.html">http://www.perakforestry.gov.my/index.php/mengenai-jpnpk/maklumat-mc-i/kawasan-hutan-bernilai-pemeliharaan-tinggi-hcvfs.html</a></p> <p>All established HCVF sites were annually monitored by the department. An example of a monitoring report seen by the auditor of Daun Sang (<i>Johannestajmannia perakensis</i>) in Keledang Saiong, on 17 June 2016. For other HCVF areas, records had been sighted to show that monitoring on Rafflesia was conducted on 3rd March 2016, and Keruing Paya (<i>Dipterocarpus coriaceus</i>) on 20-21 June 2016 respectively.</p>	<p>There were no negative findings</p>

Map of Perak FMU



## Experiences and Qualifications of Audit Team Members

Assessment Team	Role / Area of MC&I Requirement	Qualifications and Experience
1. Khairul Najwan Ahmad Jahari	Audit Team Leader	<p>Academic Qualification: B.Sc of Forestry (Forest Management), Universiti Putra Malaysia.</p> <p>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 Auditor at the Food, Agriculture and Forestry Section (FAF), SIRIM QAS International, since 2009. Involved in conducting assessments on forest management certification (MC&amp;I and FSC P&amp;C), MYNI of RSPO P&amp;C and other management system on ISO 9001, 14001 and OHSAS 1800</p> <p>Training / Research Areas:</p> <p>Attending and passed in the following training programmes:</p> <ul style="list-style-type: none"> <li>• Auditor Training Course on Malaysian Criteria and Indicators for Forest Management Certification [MC&amp;I (2002)] organized by MTCC, 30 March - 2 April 2009.</li> <li>• EMS 14001: 2004 Lead Auditor Course organized by SIRIM Training Services Sdn Bhd, 2-6 March 2009.</li> <li>• OHSAS 18001: 2007 Lead Auditor Course organized by SIRIM Training Services Sdn Bhd, 23-27 Feb 2009.</li> <li>• QMS 9001: 2008 Lead Auditor Course organized by SIRIM Training Services Sdn Bhd, 16 – 21 Feb 2009.</li> </ul>
2. Dr. Zahid Emby	Auditor / workers & community issues and related legal issues	<ul style="list-style-type: none"> <li>• 1977- 1992 – Lecturer, Department of Social Sciences, Faculty of Educational Services, Universiti Pertanian Malaysia</li> <li>• August 1992 – 1994 – Head, Department of Social Development Studies, Universiti Pertanian Malaysia</li> <li>• August 1, 1998 -2001. Reappointed as Head of the renamed Department of Social and Development Science for a three year term</li> <li>• Head, Department of Music from October 2003 until his retirement on December 17, 2006</li> <li>• Spent some time as a visiting scholar at University of Hull, U.K. and Victoria University of Wellington, New Zealand.</li> <li>• Freelance consultant on social issue.</li> </ul>

Assessment Team	Role / Area of MC&I Requirement	Qualifications and Experience
3.Ismail Adnan	Auditor/ Forester	<p>Academic Qualification: Master of Forestry, University of British Columbia, Canada</p> <p>Work Experience: One year (1974-1975) experience as Sub Assistant Conservator of Forest at the Pahang Forest Department, involved with Forest Administration/Management and Enforcement. Next, seven years (1979-1986) experience as Forest Officer/Logging Superintendent at Syarikat Jengka Sdn. Bhd (SJSB), an integrated timber complex in Pahang. Responsible for Forest Licensing/ Administration, Forest Mapping, Road Construction and Logging Operations. Senior Lecturer at the Forestry Faculty, Universiti Putra Malaysia (UPM) from 1986 to 2014. Responsible for teaching and research in Forest Mensuration, Forest Survey, Forest Road, GIS/Remote Sensing and Forest Mapping. Responsible for academic supervision of more than 100 Bachelor/Master/Phd students in their research and thesis writing. Own research at UPM include various areas such as forest mapping using geo spatial tools, forest inventories, forest harvesting and forest management system (SMS). Also involved with consultancy works which include RPH development and Forest Mapping. Participate in organizing local/international seminars on Forestry areas. Published and presented research findings at seminars/conferences and journals. Currently as Auditor at the Food, Agriculture and Forestry /ion (FAF), SIRIM QAS International Sdn Bhd, since 2016. Involved in conducting assessments on forest management certification MC&amp;I (Natural Forest) &amp; MC&amp;I (Forest Plantations).</p> <p>Training / Research Areas:</p> <ul style="list-style-type: none"> <li>• Auditor Training Course on MC&amp; I (Natural Forest) and MC&amp;I (Forest Plantation V2), 9th-10th July 2015, SIRIM QAS International Sdn Bhd</li> <li>• ISO 14001:2004 Lead Assessor Training, 23rd-27th Nov 2015, SIRIM Training Services Sdn. Bhd</li> <li>• Training on Auditing Techniques, 26th January 2016, SIRIM QAS International Sdn Bhd</li> </ul>



**Comments Received from Stakeholders and Responses by Audit Team Leader**

<b>No.</b>	<b>Comments/Issues Raised</b>	<b>Response by Audit Team</b>
	No comment received	

## Surveillance Audit Plan

DAY	TIME	PROGRAM		
		Team A	Team B	Team C
		Khairul Najwan	Ismail Adnan	Dr. Zahid Emby
<b>Day 0 (Sunday)</b>	4.00 pm	<ul style="list-style-type: none"> <li>• Travel to Ipoh</li> <li>• Check-in Tower Regency Hotel and Apartments</li> <li>• Briefing by Audit Team Leader on the recertification audit plan</li> </ul>		
<b>Day 1 (Monday)</b>	9.30 am – 1.00 pm	<ul style="list-style-type: none"> <li>• Opening Meeting with representatives of FMU</li> <li>• Briefing session by Forest Manager of the FMU on progress of forest activities</li> <li>• Q&amp;A Session</li> <li>• Evaluation of changes to the management of the FMU</li> <li>• Check on progress of planned activities aimed at enhancing the operation system to achieve improvement in overall performance</li> <li>• Check on complaints, stakeholder comments and follow-up actions               <ul style="list-style-type: none"> <li>○ Orang Asli</li> <li>○ Government agencies</li> <li>○ NGOs</li> </ul> </li> </ul>		
	2.00 pm – 5.00 pm	<ul style="list-style-type: none"> <li>• Check on verification for closing NCRs and OFIs raised during the previous audit (if any)</li> <li>• Evaluate on procedures for internal audit</li> <li>• Evaluate on management review system</li> <li>• Documentation and records review               <ul style="list-style-type: none"> <li>○ Principle 1 – Compliance with Laws and Principles</li> <li>○ Principle 2 – Tenure and Use Rights and Responsibilities</li> <li>○ Principle 3 – Indigenous Peoples' Right</li> <li>○ Principle 4 – Community Relations and Workers' Right</li> </ul> </li> </ul>		
<b>Day 2 (Tuesday)</b>	8.30 am – 1.00 pm	<ul style="list-style-type: none"> <li>• Documentation and records review               <ul style="list-style-type: none"> <li>○ Principle 5 – Benefits from the forest</li> <li>○ Principle 6 – Environmental Impact</li> <li>○ Principle 7 – Management Plan</li> <li>○ Principle 8 – Monitoring and Assessment</li> <li>○ Principle 9 – Maintenance of High Conservation on Value Forests</li> </ul> </li> </ul>		
	2.00 – 5.00 pm	Travelling to Kinta/Manjung <ul style="list-style-type: none"> <li>• Visit nursery Pusing</li> </ul>	Travelling to Kuala Kangsar <ul style="list-style-type: none"> <li>• HCVF Area - Daun Sang</li> </ul>	<ul style="list-style-type: none"> <li>• Consultation with JKOA</li> </ul>

<b>Day 3 (Wednesday)</b>	8.30 am – 5.30pm	Site visit at active area:		
		<ul style="list-style-type: none"> <li>Inspection of active harvesting area, boundaries and workers camp</li> <li>i. Compt. 228, Bukit Kinta PRF (AM01-34-16)</li> <li>Bubu Forest Checking Station</li> </ul>	<ul style="list-style-type: none"> <li>Document review at Kuala Kangsar District Office and interview with staffs</li> <li>Inspection of closed area, boundaries, HCV area and workers camp at Compt. 3, Piah PRF (AK 01-25-16)</li> <li>Temporary Forest Checking Station</li> <li>Pre-F area at Compt 14 &amp; 16, Piah PRF</li> </ul>	Interview with local communities / Orang Asli <ul style="list-style-type: none"> <li>Kg Ketior Luar</li> <li>Kg Ulu Kenas</li> <li>Kg Orang Asli Kajang</li> <li>Kg Lintang</li> </ul>
	5.30pm	<ul style="list-style-type: none"> <li>Team A travel to Hulu Perak</li> <li>Team B and Team C travel to Larut Matang</li> </ul>		
<b>Day 4 (Thursday)</b>	8.30 am – 5.30 pm	Site visit at active area:		
		<ul style="list-style-type: none"> <li>Inspection of active harvesting area, boundaries and workers camp</li> <li>ii. Compt. 47 &amp; 61, Temenggor PRF (AU-01-18-16)</li> <li>Bandariang Forest Checking Station</li> </ul>	<ul style="list-style-type: none"> <li>Document review at Kinta Larut Matang District Office</li> <li>Inspection of active harvesting area, boundaries and workers camp at Compt. 205, Bintang Hijau PRF (AL 01-38-16)</li> <li>Taiping Forest Checking Station</li> <li>Post – F Area Compt 138 &amp; 140 Kledang Saiong FR</li> </ul>	Interview with local communities <ul style="list-style-type: none"> <li>Kg. Sg Simpul</li> <li>Kg Bukit Bertam</li> </ul>
	5.30 pm	<ul style="list-style-type: none"> <li>Team A, Team B &amp; Team C travel to Ipoh</li> </ul>		
<b>Day 5 (Friday)</b>	8.30 am – 12.00 pm	<ul style="list-style-type: none"> <li>Preparation of audit report and finding</li> <li>Briefing to representatives of FMU on the findings of audit</li> </ul>		
	3.00pm-5.30pm	<ul style="list-style-type: none"> <li>Closing Meeting and presentation of findings of audit and discussion on follow-up activities</li> <li>Adjourn Closing Meeting</li> </ul>		

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

Indicator	Specification Major/Minor/OFI	Detail Non-conformances	Corrective Action Taken	Verification by Assessor
<p><b>Indicator 6.5.3</b></p> <p><b>NCR: KN01/2016</b></p>	<p>Minor</p>	<p>Indicator 6.5.3: Availability and implementation of guidelines for forest road layout and construction, including log landings and drainage requirements.</p> <p>The construction of skid trails in harvesting areas did not follow the specifications as in Garis Panduan Jalan Hutan 2010 (Pindaan 2013)</p> <p>The auditor inspected the closed logging site in Compartment 47&amp;61 of Temenggor PRF in Hulu Perak Forest District under license AU 01-18-16 (Perbadanan Kemajuan Negeri Perak) and found the slope of skid trails (LP22/1 and LP23/1) had exceeded 22<sup>o</sup>.</p>	<p>An official warning letter has been issued to Perbadanan Kemajuan Negeri Perak and Chairman of Perak Timber Trade Association on the non-conformities in order to prevent any recurrence.</p> <p>The FMU has directed their officers to do the forest monitoring effectively.</p> <p>Training on Garis Panduan Jalan Hutan 2010 (Pindaan 2013) will be conducted to ensure no any infringement to buffer zone</p> <p>To review the requirement on slope specification (para 2.6.12 in Garis Panduan Jalan Hutan 2010 (Pindaan 2013)</p>	<p>A letter PPN.PK 100/03/64 Jld. 7 (52) dated 10 October 2016 was verified</p> <p>A letter to FDPM Headquarters PPN.PK 100/03/64 Jld. 7 (39) dated 14 September 2016 was verified</p> <p>Status: Corrective action accepted.</p> <p>The effectiveness of the corrective action taken will be verified during the next audit</p>

<p><b>Indicator 6.5.4</b></p> <p><b>NCR: KN02/2016</b></p>	<p>Major</p>	<p>Indicator 6.5.4: Availability and implementation of guidelines for conservation of buffer strips along streams and rivers</p> <p>The implementation of guidelines for conservation of buffer strips along streams and rivers were not adhered to</p> <p>Inspection of closed logging site in Compartment 47&amp;61 of Temenggor PRF in Hulu Perak Forest District under license AU 01-18-16 (Perbadanan Kemajuan Negeri Perak) found the buffer zone at skid trail LP25/1 was damaged by residues of fallen trees. Construction of skid trail LP25/1 had also resulted in severe land slip with soil flowing into the buffer zone.</p> <p>The auditor inspected the active logging site in Compartment 228 of Bukit Kinta PRF in Kinta Manjung Forest District under contract license AM 01-34-16 (Genting Kembara) and found the skid trail LP25/2 had encroached into the buffer zone. Two un-tagged trees also had been felled in the buffer zone.</p>	<p>An official warning letter has been issued to Perbadanan Kemajuan Negeri Perak and Chairman of Perak Timber Association on the non-conformities to prevent any recurrence.</p> <p>Training on Garis Panduan Jalan Hutan 2010 (Pindaan 2013) will be conducted to ensure no any infringement to buffer zone</p>	<p>A letter PPN.PK 100/03/64 Jld. 7 (52) dated 10 October 2016 was verified</p> <p>A letter PPN.PK 73/5/228 S.J.1 (37) dated 10 October 2016 was verified</p> <p>Payment of offences - receipt R00004893 dated 14 October 2016 was verified</p> <p>Training records on Garis Panduan Jalan Hutan 2010 (Pindaan 2013) to forest workers and contractors including attendance list conducted on 13-15 March 2017 was verified</p> <p>Status: Closed</p>
<p><b>Indicator 8.3.1</b></p> <p><b>NCR: KN03/2016</b></p>	<p>Minor</p>	<p>Indicator 8.3.1: Forest managers shall provide relevant documents for identifying all forest products leaving the area to be certified so that their origin could be easily determined.</p> <p>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.</p> <p>During the inspection of the records at Bandariang Checking Station in Hulu</p>	<p>A "show cause letter" was issued to the person in charge of maintaining the record books.</p> <p>The person in charge was transferred and replaced with another officer.</p> <p>The tree tagging book and removal pass was updated immediately.</p>	<p>A letter PPN.PK 100/03/64 Jld. 7 (53) dated 10 October 2016 was verified</p> <p>A letter PHD.HPK. 33/2 Jld.7 (31) dated 6 October 2016 was verified</p> <p>The copies of updated tree tagging book with removal passes was verified</p>

		<p>Perak Forest District for license AU 01-18-16 (Perbadanan Kemajuan Negeri Perak), it was observed that logs that were transported out as written in the Removal Passes (species, log diameters and lengths) were not documented as “removed logs” in the Tree Tagging Book;</p> <ul style="list-style-type: none"> <li>• Removal pass no 349228 dated 29 June 2016</li> <li>• Removal pass no 349242 dated 30 June 2016</li> <li>• Removal pass no 349026 dated 30 May 2016</li> </ul>		<p>Status: Corrective action accepted.</p> <p>The effectiveness of the corrective action taken will be verified during the next audit</p>
<b>Indicator 4.4.1</b>	OFI	<p>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</p> <p>It was found that two villages (Kg Ulu Kenas, Kuala Kangsar and Kg Sungai Siput (S), Kinta Manjung) were not included in the SIA as the villages were said to be some distance away from the logging area. However, logging trucks used logging roads that passed through village land to transport the logs and thus the villagers may be affected positively or negatively. The inclusion of such villages in future SIAs would provide that knowledge and allow the department to take the necessary mitigation or enhancement measures.</p>	Not applicable	

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

Indicator	Specification Major/Minor/OFI	Details of Non-conformances	Corrective Action Taken	Verification by Assessor
<p><b>Indicator 4.2.3</b></p> <p><b>NCR: LYD-01 /2015</b></p>	Minor (Upgraded from OFI)	<p>Appropriate safety and operational equipment in good working condition, including operational procedures, shall be made available to forest workers in the work place.</p> <p>1. Auditor found that first aid kit was not monitored at Compartment 304 &amp; 305 PRF Bukit Kinta (AM-01-65-15) and Ulu Piol nursery such as yellow lotion.</p> <p>2. Oral medicine e.g. Panadol, was mixed with other medical kit (First Aid Kit) for external used at Ulu Piol nursery &amp; Compartment 304 &amp; 305 PRF Bukit Kinta (AM-01-65-15).</p>	<p>The FMU has established and circulated first aid monitoring schedule for all forest district (#PPN.Pk 100/03/40(95)).</p> <p>The FMU has requested SOP and poster usage of first aid kit from Department of Health Perak State (#PPN.Pk 100/03/40(94)) dated 13 October 2015.</p> <p>First aid kit at Ulu Piol forest nursery has been replaced with new set.</p> <p>Oral medicine in the first aid box at licensee area #AM01-65-15 has been separated from external medicine.</p>	<p>Auditor has received official letter from the FMU #PPN.Pk 100/03/64 Jld (20) dated 29 October 2015.</p> <p>During site inspection at Compartment 228, Bukit Kinta PRF (AM 01-34-16), Compartment 3, Piah PRF (AK 01-25-16), Compartment 47 &amp; 61, Temenggong PRF (AU-01-18-16) and Compartment 205, Bintang Hijau PRF (AL 01-38-16), and Pusing nursery found the First Aid Kit were made available.</p> <p><b>Status: Minor NCR LYD-01/2015 Indicator 4.2.3 was closed</b></p>
<p><b>Indicator 6.5.3</b></p> <p><b>NCR: LYD-02 /2015</b></p>	Minor	<p>Availability and implementation of guidelines for forest road lay-out and construction, including log landings and drainage requirements.</p> <p>1. Side drain has been constructed partially at the visited area: i) Feeder road JT1 &amp; JT3 in Compartment 304 &amp; 305 PRF Bukit Kinta (AM-01-65-15)</p>	<p>The District Forest Officer has compound the licensee dated 21 August 2015 and stopped the harvesting operation.</p> <p>The FMU also has sent an official letter to inform Chairman of Perak Timber</p>	<p>Auditor has received official letter from the FMU #PPN.Pk 100/03/64 Jld (20) dated 29 October 2015.</p> <p>However, during the inspection of the closed logging site in Compartment 47&amp;61 of</p>

Indicator	Specification Major/Minor/OFI	Details of Non-conformances	Corrective Action Taken	Verification by Assessor
		<p>ii) Feeder road JT2 in Compartment 138, 140 &amp; 157 PRF Kledang Saiong (AK-01-49-15)</p> <p>2. No. of silt trap constructed found to be inadequate at JT2 Compartment 138, 140 &amp; 157, PRF Kledang Saiong (AK-01-49-15)</p> <p>3. During site visit at Banding PRF, Compartment 355, Perak Hulu Forest District, Primary Lowland Dipterocarp Forest, 700-980m elevation, general slope &gt;50degrees, License AU 01-44-15</p> <p>i) Access road found without side drain; inadequate or no side bund on the slope side; absence of sump in area draining into a cross drain. Action has been taken, following the August monthly report, by the Department to compound the contractor concerned.</p> <p>ii) Skid Trail # LP23/1: surface scraping in excess of 1m, consistent over ~200m distance covered. The auditor took note on the extreme condition of the topography and the concern for operational safety.</p>	<p>Association on the non-conformities in order to prevent any recurrence.</p> <p>The FMU has directed their officers to do the forest monitoring effectively.</p>	<p>Temenggor PRF in Hulu Perak Forest District under license AU 01-18-16 (Perbadanan Kemajuan Negeri Perak), it was found the slope of skid trails (LP22/1 and LP23/1) had exceeded 22°. The construction of skid trails in harvesting areas did not follow the specifications as in Garis Panduan Jalan Hutan 2010 (Pindaan 2013).</p> <p><b>Status: Minor NCR LYD-02/2015 for Indicator 6.5.3 re-issued to Minor NCR KN01/2016 for Indicator 6.5.3</b></p>
<p><b>Indicator 6.5.4</b></p> <p><b>NCR: LYD-03/2015</b></p>	<p>Minor</p>	<p>Availability and implementation of guidelines for forest road layout and construction, including log landings and drainage requirement.</p> <p>The smaller vegetation along the buffer periphery was brushed aside by the bulldozer in the process of road construction. The cleared vegetation however, avertedly fell into the fringe of the buffer zone e.g. JT 2 Compartment 138, 140 &amp; 157 PRF Kledang Saiong (AK-01-49-15) and LP 1/1, JT2 &amp; JT3 Compartment 304 &amp; 305 PRF Bukit Kinta (AM-01-65-15)</p>	<p>PSFD has directed the licensee to clearly demarcate the buffer zone area and extract the felled trees in the fringe of the buffer zone. The licensee had been compounded by the PSFD and a stop work order on the harvesting operation was issued immediately.</p>	<p>Auditor has received official letter from the FMU #PPN.Pk 100/03/64 Jld (20) dated 29 October 2015.</p> <p>The auditor inspected the active logging site in Compartment 228 of Bukit Kinta PRF in Kinta Manjung Forest District under contract license AM 01-34-16 (Genting Kembara) and</p>



Indicator	Specification Major/Minor/OFI	Details of Non-conformances	Corrective Action Taken	Verification by Assessor
				<p>found the skid trail LP25/2 had encroached into the buffer zone. Two un-tagged trees also had been felled in the buffer zone.</p> <p>The implementation of guidelines for conservation of buffer strips along streams and rivers were not adhered to.</p> <p><b>Status: Minor NCR LYD-03/2015 for Indicator 6.5.4 was upgraded to Major NCR KN02/2016</b></p>
Indicator 1.5.2	OFI	<p>Control of encroachment, illegal harvesting, hunting, and settlement, and other unauthorised activities in the FMU</p> <p>Boundary demarcation and signage was not clearly marked at Kledang Saiong PRF.</p>	Not applicable	<p>Inspection on external boundary of license (AK-01-25-16) Compartment 3, Piah PRF showed the alignments were clear and boundary trees marked with 3 red rings. Signages of PRF and Offences/ Penalties in PRF were adequately displayed at the PRF entry points to remind the public. Station poles (P) and (Q) were located. The Bearing from P to Q was 50 and distance (about 20 m) tallied with details in the License Plan of (AK-01-25-16). Station trees</p>

Indicator	Specification Major/Minor/ OFI	Details of Non-conformances	Corrective Action Taken	Verification by Assessor
				<p>(PR1) and (PR2) on the boundary were also located and accurately verified with reference to recorded species and DBH in the Plan detail. Boundary verification sample in license Compartment 228, Bukit Kinta PRF (AM01-34-16), Compartment 47 &amp; 61, Temenggor PRF (AU-01-18-16) and Compartment 205, Bintang Hijau PRF (AL 01-38-16), similarly showed conformance to the MC&amp;I guidelines for Compartment boundary.</p> <p><b>Status: OFI Indicator 1.5.2 was closed</b></p>
<p><b>Indicator 4.2.5</b></p>	<p>OFI</p>	<p>Demarcation of hazardous areas and provision of guidelines for storage and handling of hazardous materials</p> <p>During site visit at Kaki Bukit Larut nursery, auditor has observed that empty pesticide containers were properly stored and labelled in the pesticide store. However, the label could be improved by adding information on date when the scheduled wastes are first generated, name, address and telephone number of the waste generator shall be clearly labelled on the containers that</p>	<p>Not applicable</p>	<p>During site visit at Pusing Nursery, auditor has observed that empty pesticide containers were properly stored and labelled in the pesticide store. However, the label was improved by adding information on date when the scheduled wastes are first generated, name, address and telephone number of the waste</p>

Indicator	Specification Major/Minor/OFI	Details of Non-conformances	Corrective Action Taken	Verification by Assessor
		are used to store the scheduled wastes.		generator shall be clearly labelled on the containers that are used to store the scheduled wastes.  <b>Status: OFI Indicator 4.2.5 was closed</b>
<b>Indicator 6.2.1</b>	OFI	<p>Availability and implementation of guidelines to identify and protect endangered, rare and threatened species of forest flora and fauna, including features of special biological interest such as seed trees, salt licks, nesting and feeding areas in the FMU.</p> <p>Site visited: Banding PRF, Compartment 355, Perak Hulu Forest District, Primary Lowland Dipterocarp Forest, 700-980m elevation, general slope &gt;50degrees, License AU 01-44-15</p> <p>A mother tree was observed situated on a high-risk location that may lead to potential toppling over. The tree (Keruing, 42cm diameter) was situated close to the edge of upslope embankment of skid trail LP23/1. Bank height was estimated at 1.8m. The tree risks toppling over with future bank erosion and growing mass.</p>	Not applicable	<p>During site visit at Compartment 228, Bukit Kinta PRF (AM01-34-16), Compartment 3, Piah PRF (AK 01-25-16), Compartment 47 &amp; 61, Temenggor PRF (AU-01-18-16) and Compartment 205, Bintang Hijau PRF (AL 01-38-16) it was found all the mother trees and protection trees were in good physical shape. Mother trees were clearly painted with 3 yellow rings and blue tag mark. Protected trees were painted with 1 yellow ring and yellow tag mark as per SOP requirements.</p> <p><b>Status: OFI for Indicator 6.2.1 was closed</b></p>
<b>Indicator 6.6.3</b>	OFI (Reissue)	Forest workers shall be aware of the procedures on the use of approved chemicals in the forest.	Not applicable	Consultations with the staff at Pusing Nursery indicated that they were also aware of the procedures

Indicator	Specification Major/Minor/OFI	Details of Non-conformances	Corrective Action Taken	Verification by Assessor
		<p>Site visited: Kaki Bukit Larut Forest Nursery, Larut Matang Forest District.</p> <p>1) One nursery staff (Ashaari bin Sukri, general worker (PRA)) assigned to the nursery since 2010 has not yet attended a course on handling of poison chemicals.</p> <p>2) The file recording staff training was found not up to date, with the last entry dated May, 2013. The latest training attended by nursery staff (Shamsul Azhar bin Ishak, general worker (PRA)) was in May 2015.</p>		<p>on the use of approved chemicals in the forest. Some of the workers also trained on chemical handling in their Forestry Training Complex at Sg. Siput on 19 October 2016. The training records was verified during the audit.</p> <p><b>Status: OFI Indicator 6.6.3 was closed.</b></p>
Indicator 6.7.1	OFI (Reissue)	<p>Oil, fuel, containers, liquid and solid non-organic wastes shall be disposed of in an environmentally appropriate and legal manner</p> <p>Disposal record for pesticide containers was not available at Piol nursery</p>	Not applicable	<p>Interviews with forest managers and workers in Pusing Nursery indicated the awareness that oil, fuel, containers, liquid and solid non-organic wastes must be disposed of in an environmentally appropriate and legal manner. Spent poison containers must be triple rinsed in contained drainage system where contaminated water is drained into special underground holding tank separated from general waste water system in the area. The rinsed containers will be punctured and safely stored until a sufficient number was</p>

Indicator	Specification Major/Minor/OFI	Details of Non-conformances	Corrective Action Taken	Verification by Assessor
				<p>accumulated before disposal through a recognized agency. Instruction available was to list the containers kept in the nursery poison storage before proper disposal. A flow chart poster (Alir Pengurusan Pelupusan Bahan Kimia dan Sisa Buangan Terjadual) was also made available on the notice boards describing the necessary steps to safely dispose chemicals and scheduled wastes. Record of disposal of empty pesticides containers must be made kept.</p> <p><b>Status: OFI Indicator 6.7.1 was closed</b></p>
<p><b>Indicator 8.2.1</b></p>	<p>OFI</p>	<p>Forest managers shall gather the relevant information, appropriate to the scale and intensity of the forest management operations, needed to monitor the items to (e) listed in Criterion 8.2</p> <p>Stock map of pre-felling inventory at Compartment 13 PRF Bukit Tapah found to be contradict with inventory result</p>	<p>Not applicable</p>	<p>Compartment 138 (Part) &amp; 140, Kledang Saiong PRF was visited for Post-F plots location and inventory data verification. Sampling plots 1,2 and 3 on Sampling Line 2 [(Plan Ref: PPNPK 60/2016 (SILV)] inventoried were verified. Tagged/Residual Trees / Seedlings in the various sized</p>

Indicator	Specification Major/Minor/ OFI	Details of Non- conformances	Corrective Action Taken	Verification by Assessor
				<p>sample plots were found tallied with stock map and data recorded in the Post-F inventory cards.</p> <p><b>Status: OFI Indicator 8.2.1 was closed</b></p>