

**PUBLIC SUMMARY OF FIRST SURVEILLANCE VISIT OF PAHANG FMU
FOR FOREST MANAGEMENT CERTIFICATION**

Date of Public Summary: December 2003

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Assessment Team

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Date of Surveillance Visit

28 July – 1 August 2003

Result of Surveillance Visit

Based on the *Forest Management Surveillance Report (Surveillance 01Report)* [Ref: F122_232 dated 8 December 2003], four Minor CARs were closed-out, one Minor CAR remained outstanding and two new Minor CARs issued. The three outstanding Minor CARs do not preclude certification, but the Pahang State Forestry Department is required to take appropriate actions to address these outstanding CARs before the next surveillance visit.

As no Major CAR was raised during the surveillance visit, SGS has recommended that the *Certificate for Forest Management* issued to the FMU be maintained.

A summary of the CARs raised and their closed-out details is shown in **Table 1**.

Note: For general information on the FMU and the assessment process under the MTCC scheme, please refer to the "Public Summary of Assessment of Pahang FMU for Forest Management Certification".

Table 1: Summary of Corrective Action Requests (CARs) and Closed-out Details

CAR No.	Criterion	Indicator	Status of CAR	Nature of CAR	Close-Out Details
PAH-005	4: Biological Diversity	4.3: Existence and implementation of procedures for assessing changes of biological diversity of the production forests, compared with areas in the same forest type kept free from human intervention.	Minor	Inadequate information and analysis to evaluate changes in bio-diversity following logging (Post-F) in relation to Virgin Jungle Reserves (VJR) and pre-felling conditions.	<p>Pahang State Forestry Department has carried out more analysis of the Pre-Felling and Post-Felling forest inventories data and obtained data showing changes of tree species. The exercise is being extended to cover more areas.</p> <p>Minor CAR PAH-005 was closed-out on 1 August 2003.</p>
PAH-009	5: Soil and Water	5.5: Availability and implementation of guidelines for forest road lay-out, including drainage requirements and conservation of buffer strips along streams and rivers.	Minor	Inconsistent implementation of road construction guidelines in respect to prevention of soil erosion (silt traps, movement of excess earth, buffer strips) blading of skid trails, construction on hillside of over 40 degrees slopes, drainage etc.	<p>Evident of use of proper machinery for road construction and improvement in road planning where consultant engineers have been hired as well as improved compliance with respect to road width, slope requirements, drainage, bridge/culvert across streams. However, there were still inadequate cross drains, channeling of side drains directly into streams without any mitigation measures. Also channeling of side drains into skid trails – increasing erosion, lack of stumps. Evidence of erosion and slope collapse as well as blading of skid trails.</p> <p>Minor CAR PAH-009 remains outstanding.</p>
PAH-011	Keurhout Condition # (v)	Development of methods for environmental monitoring for water quality, endangered species and forest biological diversity within the Permanent Forest Estate.	Minor	Methods for monitoring rare, threatened and endangered (RTE) species, water quality and biodiversity are currently inadequate to verify changes and impacts due to forestry operation.	<p>Observed improved monitoring especially through the use of Form C as part of ISO 9002 implementation. FRIM has been appointed to head a committee looking as this issue and Forestry Department Headquarters is planning to engage consultants to undertake biodiversity and water quality monitoring.</p> <p>Minor CAR PAH-011 was closed-out on 1 August 2003.</p>

PAH-013	Keurhout Condition # (vii)	Give initial impetus for acceptable level of participation by local stakeholders, in particular the Orang Asli and NGOs, in the forest management process.	Minor	Inadequate level of consultation with relevant NGOs to allow effective and acceptable decision making process during planning and implementation of forest management system.	Pahang State Forestry Department is practicing an open door policy in encouraging stakeholders to communicate directly with FMU manager. The FD has instituted a <i>Clients Day</i> which was announced to the public through the circular, media and web site. No evidence of major conflicts with stakeholders. Minor CAR PAH-013 was closed-out on 1 August 2003.
PAH-014	3: Flow of Forest Produce Keurhout Condition # (iv)	3.7: Availability and implementation of guidelines for reduced / low impact logging to minimise damage to residual stand. Clearly defined procedures for reduced impact logging that minimises damage to the residual stand based on prescribed limits and damage from forest road construction and appropriate slope limitations for specified harvesting techniques.	Minor	Lack of finalised and formalised Reduced Impact Logging (RIL) guideline document to provide for effective implementation throughout the FMU.	RIL Guidelines has been finalized and adopted for implementation. Minor CAR PAH-014 was closed-out on 1 August 2003.
PAH-015	3: Flow of Forest Produce Keurhout Condition # (iv)	3.7: Availability and implementation of guidelines for reduced / low impact logging to minimise damage to residual stand. Clearly defined procedures for reduced impact logging that minimises damage to	Minor	Lack of provision of cross drains and water bars to mitigate soil erosion in areas after harvest.	New Minor CAR raised during First Surveillance Visit.

		the residual stand based on prescribed limits and damage from forest road construction and appropriate slope limitations for specified harvesting techniques.			
PAH-016	3: Flow of Forest Produce Keurhout Condition # (iv)	3.7: Availability and implementation of guidelines for reduced / low impact logging to minimise damage to residual stand. Clearly defined procedures for reduced impact logging that minimises damage to the residual stand based on prescribed limits and damage from forest road construction and appropriate slope limitations for specified harvesting techniques.	Minor	High localised intensity of damage on residual stands particularly on smaller licensed areas.	New Minor CAR raised during First Surveillance Visit.