

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

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Date of Surveillance Visit

1-7 October 2005

Result of Surveillance Visit

Based on the *Report of First Surveillance Visit of Kelantan Forest Management Unit for Forest Management Certification* [Ref:SQAS/FC/MTCC(FMC)-1 dated 31 October 2005], the Kelantan State Forestry Department had undertaken corrective measures to address all five outstanding Minor CARs resulting in these CARs being closed-out by SIRIM QAS. However, two new Minor CARs i.e. **KEL-014** (relating to inconsistency of understanding on the requirements of *MC&I*) and **KEL-015** (relating to inconsistency of road maintenance activities) were raised.

As no major CAR was raised during the Surveillance Visit, SIRIM QAS has recommended that the *Certificate for Forest Management* issued to the Kelantan FMU be maintained. However, the Kelantan FMU was required to take necessary actions to address the two new Minor CARs issued before the next surveillance visit.

A summary of the CARs and their closed-out details is as 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 Kelantan 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
KEL-004	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	VJRs are not established according to the Management Plan while many old VJRs have been infringed on.	<p>It was observed that two compartments in two Permanent Reserved Forests with a total area of 411 ha had been demarcated as VJRs in 2005. Boundaries were established and appropriate signboards put up. These were among the five new VJRs proposed for 2005. According to plan 1,445 ha will be designated as VJRs in addition to the existing 3,445 ha.</p> <p>Minor CAR KEL-004 was closed-out on 6 October 2005.</p>
KEL-006	4: Biological Diversity	4.1: Existence and implementation of procedures to identify endangered, rare and threatened species of forest flora and fauna.	Minor	Rare and threatened species that are in the IUCN list are not efficiently protected.	<p>Through the scientific expedition organized for the Kelantan State Park in Gunong Stong Tengah FR. during May 2003, a number of endemic and rare species were documented. To further protect the site as a state park a management committee and a technical committee had been established to plan out the strategies for its development. Consultant had been appointed to carry out an airborne Hypersectoral Data study for assessing the tree flora.</p> <p>An area in Compartment 53 Relai FR was converted into a conservation area for the protection of a clump of large <i>Shorea platyclados</i> trees with circumferences of 200 to 400 cm. New sites with Rafflesia were investigated and the previous site maintained for development as ecotourism site.</p> <p>As of 2005, an area of 2,157 ha of the Permanent Reserved Forest has been</p>

					designated as research forest. Minor CAR KEL-006 was closed-out on 6 October 2005.
KEL-010	2: Forest Resource Security	2.2: Length and percentage of external boundaries of the permanent forest estate demarcated or clearly defined.	Minor	Strong efforts need to be undertaken by the FMU to rapidly demarcate external boundaries to prevent encroachment and facilitate management activities.	Clearly visible signs were observed in all the forest reserves inspected during this surveillance visit. These signs clearly spelled out the penalty of entering a forest reserve without the permission of the Forestry Department. Minor CAR KEL-010 was closed-out on 6 October 2005.
KEL-011	3: Flow of Forest Produce	3.3: Existence and implementation of: (a) forest management plans, and (b) forest harvesting (operational) plans.	Minor	Mother trees are damaged and are located too close to logging roads thus affecting their growth. These trees will be uprooted due to strong wind and soil erosion.	Inspection of 28 mother trees was made in 5 Permanent Reserved Forests during the surveillance visit. The tags and diameters of mother trees were checked for each site and matched with those in the harvesting plan. The bark of one tree by a feeder road was slightly damaged while another had its crown broken during the harvesting process. It was documented that these damaged trees would be replaced. Minor CAR KEL-011 was closed-out on 6 October 2005.
KEL-012	5: Soil and Water	5.5 Availability and implementation of guidelines for forest road layout, including drainage requirement and conservation of buffer strips along streams and rivers.	Minor	Enforcement of road construction and maintenance must be strictly undertaken in accordance with road construction guidelines.	The concessionaire had taken remedial action in realigning the road, with the embankment planted with cover crops. Additional reinforcement had been added to the collapsed sidewalls of the road, following the clear instruction issued by the Kelantan State Forestry Department.

					Minor CAR KEL-012 was closed-out on 6 October 2005.
KEL-013	1: Enabling Conditions for Sustainable Forest Management	1.1 Existence of a framework of laws, policies and regulations	Minor	It was noted that the understanding of the requirements of <i>MC&I</i> was not consistent in the concessionaire operating in the Balah FR. The forest management team that deals with logging activities was new and not clear with the Reduced Impact Logging (RIL) as specified in the standard. In house training on the requirements of <i>MC&I</i> need to be established.	New Minor CAR raised during First Surveillance Visit.
KEL-014	5: Soil and Water	5.6 Availability and implementation of harvesting procedures: (a) to protect the soil from compaction by harvesting machinery, and (b) to protect the soil from erosion during harvesting operations	Minor	Road maintenance activities undertaken in Balah FR were not consistently implemented to specifications. On the way to compartments 148 and 150 it was found in some spots where recent re-grading of roads had resulted in excessive earthworks and reduced proper drainage. Soil had been pushed to the side of bridges causing the retaining walls to collapse. The bridge across Sg. Puian was better but the retaining walls also needed to be re-enforced to prevent collapse.	New Minor CAR raised during First Surveillance Visit.