ANAP MUPUT FMU (T/4317) ANNUAL FOREST MONITORING REPORT YEAR 2024 (Public Summary)

NO.	PARTICULAR	INDICATOR	RESULT / REMARKS			
1	Yield of Forest Production	Log Royalty volume (YTD)	Total log production Jan-Dec,2024 = 73,459m3.			
2	Growth rates	Summary of reassessment of PSP's since the establishment	Description PSP Coupe 23A (2 ha) Stand Stand/ha Dipterocarp - All 43S 218 Stand Stan			
3	Forest regeneration	Number of saplings recorded and their composition	S S C Mapur S C			
4	Forest Condition	Diameter distribution and forest quality	All tree ≥ 10cm 1,504 752 Potential Crop Tree: 134 67 DBH: 30 - 49 (D) & 30 - 44 (ND) cm DBH: 30 - 40 (ND) cm DBH:			
			2. Summary of PSP Reassessment in Year 2024 Coupe/Block PSP No. Established 1st Interval New Tree Mortality Ave. DBH Growth			
5	The composition and observed change in the flora and fauna.	Flora and Fauna found in FMU. Number and abundance of species found in FMU and comparison between earlier and recent assessment.	Flora: - According to the PSP data, Dipterocarp species make up 30.37%, while Non-Dipterocarp species account for 69.63% For Dipterocarp species, there are four main species: Shorea (Meranti) at 26.33%, Hopea (Luis) at 1.55%, Dipterocarpus (Keruing) at 1.51%, and Dryobalanops (Kapur) at 0.64% Non-Dipterocarp species, there are 74 species, dominated by Mangifera (Asam) at 14.95%, Eugenia (Ubah) at 10.26%, Myristica (Kumpang) at 4.34%, Lithocarpus (Empenit) at 3.24%, and Parastemon (Ngilas) at 3.14%.			

			Fauna: In year 2024, infrared sensor camera traps were use to monitoring the fauna at selected location:		
			Coupe	Location	Species
			21A	HCVA Site II	Sambar Deer (Cervus unicolor)
					Malayan Civet Cat (<i>Viverra Tangalunga</i>) Long-tailed Macaque (<i>Macaca fascicularis</i>)
			10A	Post harvesting site (> 10 years)	Sambar Deer - Rusa Unicolor (Belly unicolor)
			22A	Post harvesting site (2023/24)	Large-billed blue flycatcher (Cyornis caerulatus) Sambar Deer (Rusa Unicolor) Bornean Yellow Muntjac (Muntiacus Atherodes)
			24A	Pre-harvesting site	Bornean Sun Bear (Helarctos Malayanus Euryspilus) Pig-tailed Macaque (Macaca Nemestrina) Sambar Deer (Rusa Unicolor (Belly unicolor) Bornean Yellow Muntjac (Muntiacus Atherodes)
6	Environmental Impacts of Forest Operation	Harvesting Impact	 In October 2024, post harvest monitoring has conducted for Coupe 22A. In April 2024, pre-harvest monitoring has conducted for Coupe 23A. EMR monitoring quarterly. 		
7	Social Impact of Forest Operation	Evidence of FPIC to the native from the forest operation.	In April 2024, consultation has been conducted with 8 longhouses communities before the forest operation in Coupe 23A.		
	Harvesting Impact		In October 2024, consultation has been conducted at Rh.Andrew, Rh. Pajih, Rh. Sayong, Rh. Gasah, Rh. Philip, Rh. James Enteri and Rh. Bilong regarding the post harvesting impact from the Coupe 22A operation.		
		Provision of SCR / Community services	- Funds dish	ursed to ASDU comm	unities for cultural festival support

			Donation allocated to the AMC Fund (Communities Program).The longhouse access road is repaired twice a year.
		Number of forest encroachment	No unauthorized encroachment case report in year 2024.
		Number of complaints, disputes and conflicts involving directly affected local community.	No complaint, dispute or conflict cases reported in year 2024.
		Number of property damage	No property damage was reported in year 2024.
8	Occupational Safety and Health	 Number of fatal accidents cases recorded annually. Number of occupational accident cases recorded annually. Number of occupational disease cases recorded annually. 	 No fatal accident was recorded. Three (3) cases of accidents were reported to DOSH through JKKP 6. No occupation diseases was reported.
9	Cost and productivity of forest management	Harvesting cost per harvest area.	The average operation cost = RM 11,910/Ha
10	Forest Protection	Boundary Protection & Surveillance	No forest encroachment detected.
11	Efficiency of forest management	Machine productivity (production volume /machine/month)	Machine productivity base on YTD 2024: Excavator Wincher = 612m3/unit/month Tractor = 612m3/unit/month Logging truck=680m3/unit/month
		Total harvesting cost per m3	The average harvesting cost = RM 353/m3