

EXECUTIVE SUMMARY

CADANGAN PEMBANGUNAN LADANG HUTAN SELUAS 400 HEKTAR (988.42 EKAR) DI SEBAHAGIAN KOMPARTMENT 78 & 79 HUTAN SIMPAN BUKIT SLIM, MUKIM SLIM, DAERAH MUALLIM, PERAK DARUL RIDZUAN

PROJECT PROPONENT  
LIPUT RAYA SDN BHD

PROJECT DEVELOPER  
SAMASUKA SDN BHD

ENVIRONMENTAL CONSULTANT  
WIRANDA (M) SDN BHD

LEGAL REQUIREMENTS

According to Subsection 34A (1) of the Environmental Quality (Prescribed Activities) (Environmental Impact Assessment) Order 2015

First Schedule Activity 5(e)

“Activity 5(e) Forestry: Development of planted forest covering an area of 100 hectares or more but less than 500 hectares”

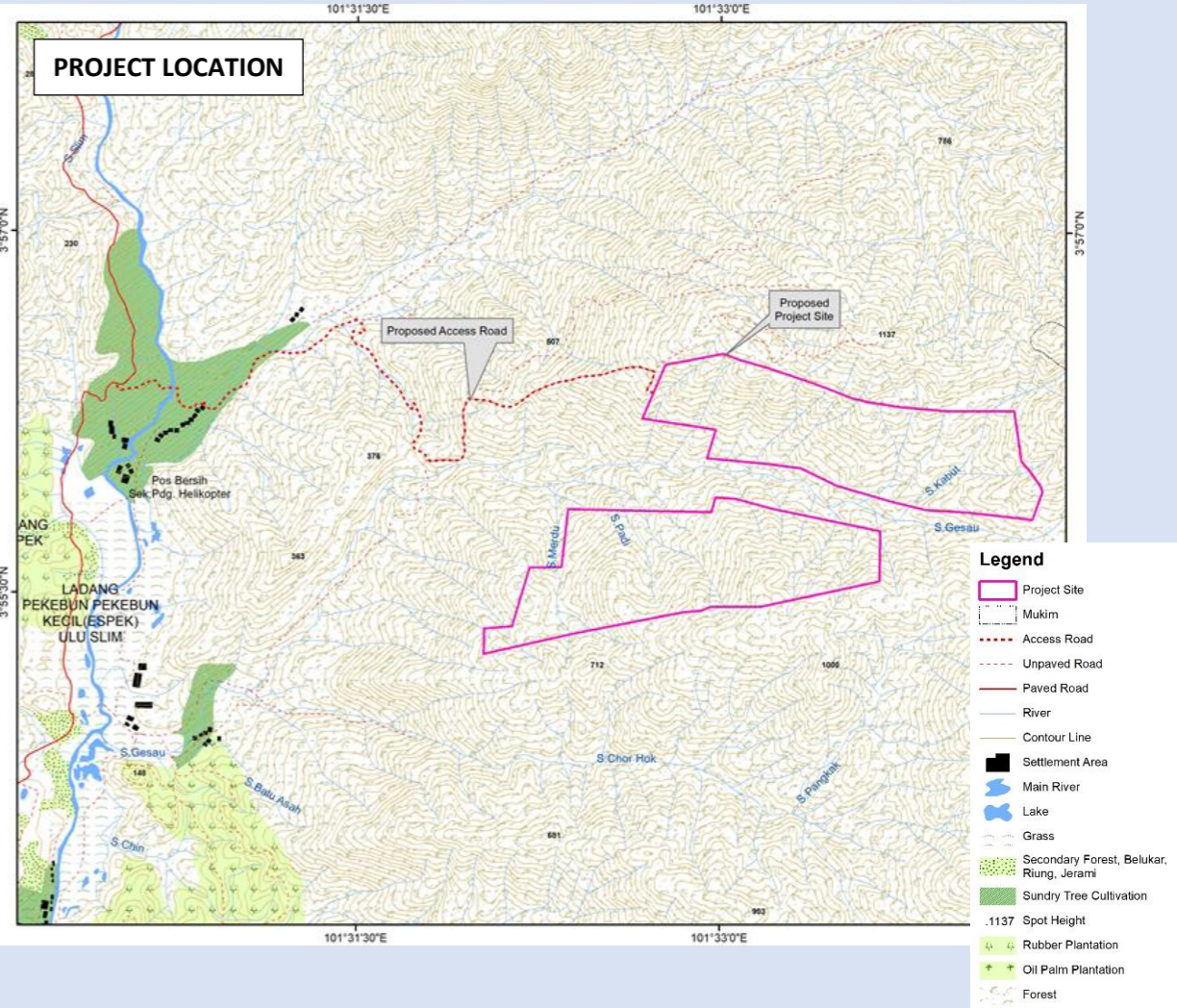
PROJECT ACTIVITIES

PRE-DEVELOPMENT STAGE

DURING DEVELOPMENT STAGE

OPERATION AND MAINTENANCE STAGE

PROJECT DESCRIPTION



STATION	WQI	CLASS	STATION	WQI	CLASS
WQ1	94.49	I	WQ7	91.92	II
WQ2	92.15	II	WQ8	93.48	I
WQ3	88.89	II	WQ9	87.57	II
WQ4	91.15	II	WQ10	93.34	I
WQ5	85.88	II	WQ11	93.21	I
WQ6	90.42	II	WQ12	91.18	II

STATION	AIR PARAMETER PM <sub>10</sub> (µg/m <sup>3</sup> )	NOISE PARAMETER L <sub>Aeq</sub>	
		DAY (dba)	NIGHT (dba)
AN1	13.6	48.6	35.8
AN2	21.3	53.1	42.6
AN3	18.5	54.5	43.8

SLOPE AND ELEVATION

FAUNA

FLORA

Sarcotheca iaxa

Drepananthus pruniferus

IMPACTS AND MITIGATION MEASURES	
SIGNIFICANT IMPACTS	MITIGATION MEASURES
Soil Erosion & Sedimentation Reduce Water Quality Level	Scheduling of the development Plant cover crop Prepare silt trap & sediment basin Retain buffer zone
Waste Generation (Biomass, Solid & Scheduled Waste)	No open burning Provide garbage bins & proper storage area
Loss of Ecosystems & Habitat Human-Wildlife Conflict	Phasing clearing Human-wildlife conflict management strategies
Declining Air Quality Level	Chemicals application must be closely monitored
Noise Pollution	Maintaining vehicles & machineries

IMPACT MONITORING			
Impacts	Monitoring Parameters	Applicable Standards	Frequencies
Air Quality Level	PM <sub>10</sub>	100 µg/m <sup>3</sup>	Quarterly
Noise Quality Level	L <sub>Aeq</sub> L <sub>max</sub> L <sub>min</sub>	Day 55 dBA Night 45 dBA	Quarterly
Water Quality Level	TSS	50 mg/L	Monthly
	BOD <sub>5</sub>	3 mg/L	
	pH	6.0~9.0	
	Turbidity	50 NTU	
	DO	5~7 mg/L	
	COD	25 mg/L	
	NH3-N	0.3 mg/L	

PERFORMANCE MONITORING			
LD-P2M2 Tools	Parameters	Limits	Frequencies
Sediment Basin/ Trap	Silt Marker	2/3 depth from sediment trap	Weekly or after rain event ( <i>in-situ</i> )
Perimeter Drain	Performance	-	Quarterly
Earth Drain with Check Dam	Sediment Level		
Wash Trough	Structure and Performance		
Temporary or permanent water- way crossing (culvert/ bridge)			