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**PEIA FOR MEMBINA JALAN DARI SUNGAI LEMBING KE
JERANTUT(REKABENTUK)**

MAIN REPORT

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Abbreviations and Acronyms

4WD	Four wheel drive
°C	Degree Celsius
<	Less than
µg	Microgrammes
µg/m ³	Microgrammes per Cubic Metre
%	Percent
a.m.	<i>ante meridian</i> (before noon)
ANZECC	Australian and New Zealand Environment and Conservation Council
APHA	American Public Health Association
AQ	Air Quality
ARI	Average Recurrence Interval
ASMA	Alam Sekitar Malaysia Sdn. Bhd.
AWWA	American Water Works Association
BH	Borehole
Bhd.	Berhad (Limited)
BMPs	Best Management Practices
BOD ₅	Biological Oxygen Demand, 5 days
CBOD	Carbonaceous BOD
cells/ml	Cells per Millilitre
CESSWI	Certified Erosion, Sediment and Storm Water Inspector
CFS	Central Forest Spine
CFU/100 ml	colony-forming unit per 100 Millilitre
cm	Centimetre
cm/s	Centimetre per second
CO	Carbon monoxide
COA	Certificate of analysis
CO ₂	Carbon dioxide
COD	Chemical Oxygen Demand
cont.	Continued
CP	Cropping and Management Practices
Cusec	Cubic second
dB(A)	"A-weighted" decibels; measurement unit for noise
DID	Department of Irrigation and Drainage
DO	Dissolved Oxygen
DOE	Department of Environment
DTM	Digital Terrain Model
<i>E. coli</i>	<i>Escherichia coli</i>
EEC	Engineering and Environmental Consultants Sdn. Bhd.
e.g.	For example
EIA	Environmental Impact Assessment
EMP	Environmental Management Plan
EPA	Environmental Protection Agency
EQA	Environmental Quality Act
ERP	Emergency Response Plan
ESCP	Erosion and Sediment Control Plan
etc.	Latin Et cetera (and other things)
EXTRAN	Extended Transport Model
FCgm/ECgm	ratio of <i>E. Coli</i> geometric mean and <i>F. Coli</i> geometric mean

Abbreviations and Acronyms

Fe	Iron
FLU	Felda Lepar Utara
FLU#	Felda Lepar Utara 4,5 etc.
FR	Forest Reserve
ft ³	Cubic Feet
g	Gramme
g/km	Gramme per kilometre
g/m ³	Gramme per cubic metre
g/s	Gramme per Second
GGC	Gunung-Ganang Corporation Sdn. Bhd.
GKLI	Greater Kuala Lumpur Initiative
GPS	Global Positioning System
H'	Diversity Index
H ₂ S	Hydrogen sulphide
ha	Hectares
HCVH	High Conservation Value Habitat
HP	Hydrological Procedure
hr	Hour
hrs	Hours
ID	Identification Number
IDF	Intensity Duration Frequency
Ind./L	individuals per litre
Ind./m ²	individuals per square meter
IPD	<i>Ibu Pejabat Polis Daerah</i> Police station
ISCST3	Industrial Source Complex Short Term Version Three
ISO	International Organization for Standardization
i.e.	Latin id est (that is)
IUCN	International Union for Conservation of Nature and Natural Resources
JBA	Jabatan Bekalan Air
JICA	Japan International Cooperation Agency
JPBD	Department of Town and Country Planning
Keb.	Kebangsaan
KeTTHA	Kementerian Tenaga, Teknologi Hijau dan Air
kg	Kilogramme
Kg.	Kampung
kg/day	Kilogramme per Day
kg/hour	Kilogramme per Hour
kg/m ³	Kilogramme per Cubic Metre
km	Kilometre
km/hr	Kilometre per hour
km ²	Square kilometre; Area
kPa	Kilopascal
kVA	Kilovolt Amps
kW	Kilowatts
L ₁₀	The noise level exceeded for 10% of the measurement period
L ₉₀	The noise level exceeded for 90% of the measurement period
L _{Aeq}	Equivalent weighted sound level for the monitored time period
L _{min}	Minimum Sound Level

Abbreviations and Acronyms

L _{max}	Maximum Sound Level
l/s	Litre per second
litre/yr	Litre per Year
LOS	Level of Service
LS	Slope Length and Steepness Factors
m	Metre
m/s	Metre per Second
m ²	Square metres; Area
m ³	Cubic Metre
m ³ /d	Cubic Metre per Day
m ³ /day	Cubic Metre per Day
m ³ /s	Cubic Metre per Second
mg/l	Milligramme per Litre
mg/m ³	Milligramme per Cubic Metre
mg/Nm ³	Milligramme per Cubic Nanometre
Ma	Million years
Mg	Megagrams
ml	Millilitre
mm	Millimetre
mm/hr	Millimetre per Hour
MASMA	Urban Stormwater Management Manual for Malaysia
MMD	Malaysian Meteorological Department
mmscf/d	Million standard Cubic Feet per Day
MODFLOW	Modular 3-Dimensional Finite Difference Groundwater Flow Model
MOH	Ministry of Health
MOT	Ministry of Transport
MPRM	Meteorological Processor for Regulatory Models
MRF	Material Recycling Facility
mS/cm	Millisiemens per Centimetre
MSL	Mean sea level
MT	Metric tonnes
MT3DMS	Modular Transport 3-Dimensional Multi Species
NA	Not available
NH ₃ -N	Ammoniacal Nitrogen
No.(s)	Number(s)
NO ₂	Nitrogen oxides
NO ₃ -N	Total Nitrogen
NSP	National Strategic Plan
NSR	New Source Review
NTU	Nephelometric Turbidity Unit
NWQS	National Water Quality Standards
OSHA	Occupational Safety and Health Act
p.m.	<i>post meridian</i> (after noon)
PCRAMMET	Programme for meteorological data
PCC	Portland Cement Concrete
PE	Population Equivalent
PEIA	Preliminary Environmental Impact Assessment
PERHILITAN	Department of Wildlife and National Parks

Abbreviations and Acronyms

PM ₁₀	Particulate Matter less than 10 micrometre in diameter
PPE	Personal Protective Equipment
ppm	Parts per Million
PRF	Permanent Reserve Forest
QUAL2E	Model calculates a flow and mass balance for each computational element.
R	Rainfall Erosivity Factor
RCBRF	Reman Cereh and the Berkelah Reserve Forests
RCRA	Resource Conservation and Recovery Act
RECP	Roll Erosion Control Product
RELA	Pasukan Sukarelawan Malaysia/ Volunteers of Malaysian People
Ref.	Reference
RM	Ringgit Malaysia
ROW	Right-of-Way
RSPO	Roundtable on Sustainable Palm Oil
RTVM	Road Traffic Volume Malaysia
RUSLE	Revised Universal Soil Loss Equation
Sdn.	<i>Sendirian</i> (Private)
Sek.	<i>Sekolah</i>
Sg.	<i>Sungai</i>
SMART	Stormwater Management and Road Tunnel
SO ₂	Sulphur Dioxide
SP#	Sediment Pond
SRP	Spill Response Plan
SS	Suspended Solids
SVOC(s)	semi-volatile organic compound(s)
SWMM	Storm Water Management Model
SWMM - XP	Storm Water Management Model XP-software
SY	Sediment Yield
t/ha/yr	Tonnes per hectare per year
t/yr	Tonnes per years
TNB	Tenaga Nasional Berhad
TOR	Terms of Reference
TSP	Total Suspended Particulates
TSS	Total Suspended Solids
US EPA	United States of America Environmental Protection Agency
USLE	Universal Soil Loss Equation
VOC(s)	volatile organic compound(s)
WHO	World Health Organization
WQI	Water Quality Index
WPCF	Water Pollution Control Federation