

EXTRACT FROM ENVIRONMENTAL MONITORING REPORT FOR SAMLING'S MARUDI FOREST PLANTATION UNDER LPF/0008 MIRI

Latest Result of River Water Quality Analysis - Marudi

Parameter	Compliance Limits ¹	EIA Baseline			3rd Quarter 2023					4th Quarter 2023					Remarks & Recommendations
		WS1 (Sg Dabei)	WS2 (Sg Ridan)	WS3 (Sg Linei)	SBM1	SBM2	SBM3	SBM4	SBM5	SBM1	SBM2	SBM3	SBM4	SBM5	
pH [<i>in situ</i>]	6.0-9.0	<u>5.8</u>	<u>5.0</u>	<u>5.1</u>	6.5	6.5	6.2	6.3	6.1	6.3	6.1	6.6	6.2	6.1	Compliant
DO (mg/l) [<i>in situ</i>]	5-7	5.0	<u>2.8</u>	<u>4.4</u>	5.4	5.3	5.3	5.4	5.5	5.3	5.6	5.3	5.4	5.4	Compliant
BOD (mg/l)	3	<2.0	<u>5.3</u>	<u>3.9</u>	2	3	11	<u>4</u>	2	3	3	3	3	3	Compliant
COD (mg/l)	25	<u>5.3</u>	<u>47.7</u>	<u>28.0</u>	10	17	<u>58</u>	22	12	20	17	20	25	20	Compliant
TSS (mg/l)	50	30	31	<u>1,490</u>	2	4	2	50	17	24	30	16	12	19	Compliant
Amm. N (mg/l)	0.3	<u>0.41</u>	0.26	0.12	0.02	0.04	0.24	0.05	0.03	0.04	0.03	0.17	0.12	0.2	Compliant
NO3-N (mg/l)	7	0.06	ND (<0.01)	0.06	<0.1	0.1	0.9	0.2	<0.1	0.1	<0.1	0.3	0.2	0.5	Compliant
Phosphorus (mg/l)	0.1	0.06	0.06	0.04	0.01	0.03	0.07	0.04	0.02	0.02	0.02	0.04	0.03	0.06	Compliant
TCC (MPN/100ml)	5,000	50	70	170	49	33	49	13	170	110	17	22	13	49	Compliant
TFC (MPN/100ml)	400	30	70	110	8	8	13	2	70	33	5	<2	<2	23	Compliant

* Compliance limits are extracted from Class IIB of the National Water Quality Standards for Malaysia (NWQSM). ND-Not detected