

KTN Timor under Ulu Trusan FMU - results of river water quality monitoring

Parameter	Compliance Limits*	Baseline in EIA						2nd Quarter 2021	3rd Quarter 2021	Remarks & Recommendations
		KT1	KT2	KT3	KT4	KT5	KT6			
		(Upper Btg Trusan)	(Lower Btg Trusan)	(Sg Lopeng)	(Sg Dualan)	(Sg Merarap)	(Sg Metalan)	TET1 (Btg Trusan)	TET1 (Btg Trusan)	
pH [<i>in situ</i>]	6.0-9.0	<u>5.8</u>	<u>5.6</u>	<u>5.3</u>	<u>5.3</u>	<u>5.6</u>	<u>5.3</u>	6.7	6.1	Complied to Class IIB limit
DO (mg/l) [<i>in situ</i>]	5-7	<u>4.9</u>	<u>4.9</u>	<u>4.7</u>	<u>4.5</u>	<u>4.6</u>	<u>4.4</u>	6.4	5.8	Complied to Class IIB limit
BOD (mg/l)	3	14	23	14	12	15	9	3	3	Complied to Class IIB limit
COD (mg/l)	25	3	<u>5</u>	3	2	3	2	15	19	Complied to Class IIB limit
TSS (mg/l)	50	15	17	14	12	12	25	39	3	Complied to Class IIB limit
Amm. N (mg/l)	0.3	0.05	0.04	0.04	0.08	0.05	0.02	0.06	0.03	Complied to Class IIB limit
TCC (MPN/100 ml)	5,000	240	80	≥1600	≥1600	240	≥1600	23	23	Complied to Class IIB limit
TFC (MPN/100 ml)	400	23	23	350	35	130	350	8	<2	Complied to Class IIB limit
Oil & Grease (mg/l)	0.04	<1	<1	<1	<1	<1	<1	ND	ND	Complied to Class IIB limit

Source: Ecosol EMR 3rd Quarter 2021

*Compliance limits are extracted from Class IIB of the National Water Quality Standards for Malaysia (NWQSM)