

## Geranai FMU - results of river water quality monitoring

Parameter	Compliance Limits*	Baseline in EIA			2nd Quarter 2021		3rd Quarter 2021		Remarks & Recommendations
		WS1	WS2	WS3	SGT1	SGT2	SGT1	SGT2	
		Sg Data	Upper Sg Silat	Lower Sg Silat	Sg Julan	Sg Silat	Sg Julan	Sg Silat	
pH [ <i>in situ</i> ]	<b>6.0-9.0</b>	6.3	<u>5.6</u>	<u>5.5</u>	6.6	6.5	<b>6.5</b>	<b>6.6</b>	Complied
DO (mg/l) [ <i>in situ</i> ]	<b>5-7</b>	5.9	5.6	5.9	6.0	6.1	<b>6.8</b>	<b>6.9</b>	Complied
BOD (mg/l)	<b>3</b>	<u>9</u>	<u>10</u>	<u>8</u>	2	3	<b>3</b>	<b>3</b>	Complied
COD (mg/l)	<b>25</b>	<u>47</u>	<u>54</u>	<u>42</u>	10	17	<b>15</b>	<b>16</b>	Complied
TSS (mg/l)	<b>50</b>	10	23	25	2	28	<b>2</b>	<b>3</b>	Complied
Amm. N (mg/l)	<b>0.3</b>	0.04	0.06	0.04	0.02	0.07	<b>0.01</b>	<b>0.01</b>	Complied
TCC (MPN/100 ml)	<b>5,000</b>	900	500	1,600	130	14	<b>23</b>	<b>23</b>	Complied
TFC (MPN/100 ml)	<b>400</b>	80	50	140	2	2	<b>&lt;2</b>	<b>&lt;2</b>	Complied
Oil & Grease (mg/l)	<b>40</b>	<1	<1	<1	ND	ND	<b>ND</b>	<b>ND</b>	Complied

Source: Ecosol EMR 3rd Quarter 2021

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