

**SUMMARY OF RIVER WATER QUALITY MONITORING REPORT AT SUNGAI LENGGOR HYDROLOGICAL STATION,
MERSING, JOHOR 2021**

STATE	LOCATION	STATION NAME	PARAMETER							CLASS*
			pH	AN (mg/l)	Turbidity (NTU)	DO (mg/l)	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	
Johor	Lenggor Forest Reserve	Sungai Lenggor	5.96	0.01	2,234.64	6.14	2.73	8.29	1,891.60	II

Note:

pH = Potential hydrogen

AN = Ammoniacal Nitrogen

DO = Dissolved Oxygen

BOD = Biochemical Oxygen Demand

COD = Chemical Oxygen Demand

TSS = Total Suspended Solid

WQI = Water Quality Index

* Water Quality Class refers to the Water Quality Index (IKA) standards by the Department of Environment as follows:

Class	Uses
Class I	Conservation of natural environment Water Supply I – Practically no treatment necessary Fishery I – Very sensitive aquatic species
Class II	Water Supply II – Conventional treatment Fishery II – Sensitive aquatic species Recreational use body contact
Class III	Water Supply III – Extensive treatment required Fishery III – Common, of economic value and tolerant species; livestock drinking
Class IV	Irrigation
Class V	None of the above
n.a	Not available

**SUMMARY OF RIVER WATER QUALITY MONITORING REPORT AT SUNGAI SOK HYDROLOGICAL STATION,
SIK, KEDAH 2021**

STATE	LOCATION	STATION NAME	PARAMETER						
			pH	AN (mg/l)	Turbidity (NTU)	DO (mg/l)	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
Kedah	Ulu Muda Forest Reserve	Sungai Sok	7.51	2.64	397.02	8.59	27.62	n.a	377.16
			Class*	I	IV	-	I	V	-

Note:

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Class	Uses
Class I	Conservation of natural environment Water Supply I – Practically no treatment necessary Fishery I – Very sensitive aquatic species
Class II	Water Supply II – Conventional treatment Fishery II – Sensitive aquatic species Recreational use body contact
Class III	Water Supply III – Extensive treatment required Fishery III – Common, of economic value and tolerant species; livestock drinking
Class IV	Irrigation
Class V	None of the above
n.a	Not available

**SUMMARY OF RIVER WATER QUALITY MONITORING REPORT AT SUNGAI LONG HYDROLOGICAL STATION,
JELI, KELANTAN 2021**

STATE	LOCATION	STATION NAME	PARAMETER							CLASS*
			pH	AN (mg/l)	Turbidity (NTU)	DO (mg/l)	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	
Kelantan	Gunung Basor Forest Reserve	Sungai Long	7.25	0.01	33.22	8.47	4.10	7.72	5.27	I

Note:

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COD = Chemical Oxygen Demand

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WQI = Water Quality Index

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Class	Uses
Class I	Conservation of natural environment Water Supply I – Practically no treatment necessary Fishery I – Very sensitive aquatic species
Class II	Water Supply II – Conventional treatment Fishery II – Sensitive aquatic species Recreational use body contact
Class III	Water Supply III – Extensive treatment required Fishery III – Common, of economic value and tolerant species; livestock drinking
Class IV	Irrigation
Class V	None of the above
n.a	Not available

**SUMMARY OF RIVER WATER QUALITY MONITORING REPORT AT SUNGAI SELAOR HYDROLOGICAL STATION,
GERIK, PERAK 2021**

STATE	LOCATION	STATION NAME	PARAMETER						
			pH	AN (mg/l)	Turbidity (NTU)	DO (mg/l)	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
Perak	Temenggor Forest Reserve	Sungai Selaor	6.80	0.01	273.39	4.55	n.a	n.a	n.a
			Class*	I	I	III	III	-	-

Note:

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DO = Dissolved Oxygen

BOD = Biochemical Oxygen Demand

COD = Chemical Oxygen Demand

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WQI = Water Quality Index

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Class	Uses
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Class II	Water Supply II – Conventional treatment Fishery II – Sensitive aquatic species Recreational use body contact
Class III	Water Supply III – Extensive treatment required Fishery III – Common, of economic value and tolerant species; livestock drinking
Class IV	Irrigation
Class V	None of the above
n.a	Not available

**SUMMARY OF RIVER WATER QUALITY MONITORING REPORT AT SUNGAI TEKAI HYDROLOGICAL STATION,
JERANTUT, PAHANG 2021**

STATE	LOCATION	STATION NAME	PARAMETER						
			pH	AN (mg/l)	Turbidity (NTU)	DO (mg/l)	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
Pahang	Tekai Tambahan Forest Reserve	Sungai Tekai	6.22	0.95	546.42	7.11	n.a	n.a	n.a
			Class*	II	IV	III	I	-	-

Note:

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Class III	Water Supply III – Extensive treatment required Fishery III – Common, of economic value and tolerant species; livestock drinking
Class IV	Irrigation
Class V	None of the above
n.a	Not available

**SUMMARY OF RIVER WATER QUALITY MONITORING REPORT AT SUNGAI CHERUL HYDROLOGICAL STATION,
KEMAMAN, TERENGGANU 2021**

STATE	LOCATION	STATION NAME	PARAMETER						
			pH	AN (mg/l)	Turbidity (NTU)	DO (mg/l)	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
Terengganu	Cherul Forest Reserve	Sungai Cherul	6.69	0.06	120.60	5.18	n.a	n.a	n.a
			Class*	II	I	III	II	-	-

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Class III	Water Supply III – Extensive treatment required Fishery III – Common, of economic value and tolerant species; livestock drinking
Class IV	Irrigation
Class V	None of the above
n.a	Not available

**SUMMARY OF RIVER WATER QUALITY MONITORING REPORT AT SUNGAI JENGAI,
DUNGUN, TERENGGANU 2021**

STATE	LOCATION	STATION NAME	PARAMETER						
			pH	AN (mg/l)	Turbidity (NTU)	DO (mg/l)	BOD (mg/l)	COD (mg/l)	TSS (mg/l)
Terengganu	Jengai Forest Reserve	Sungai Jengai	n.a	n.a	n.a	n.a	n.a	n.a	n.a
			Class*	-	-	-	-	-	-

Note:

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Class IV	Irrigation
Class V	None of the above
n.a	Not available