

**SUMMARY OF RIVER WATER QUALITY MONITORING REPORT AT SUNGAI LENGGOR HYDROLOGICAL STATION,  
MERSING, JOHOR 2020**

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	6.02	0.01	43.89	6.46	2.89	5.82	48.73	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:

<b>Class</b>	<b>Uses</b>
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 2020**

STATE	LOCATION	STATION NAME	PARAMETER							CLASS*
			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	7.03	0.01	33.48	7.39	1.76	22.20	34.88	II

Note:

pH = Potential hydrogen

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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 LONG HYDROLOGICAL STATION,  
JELI, KELANTAN 2020**

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	n.a	n.a	n.a	n.a	n.a	n.a	n.a	-

Note:

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COD = Chemical Oxygen Demand

TSS = Total Suspended Solid

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 SALOR HYDROLOGICAL STATION,  
GERIK, PERAK 2020**

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 Salor	7.01	0.13	38.61	n.a	n.a	n.a	n.a
			Class*	I	I	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

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<b>Class</b>	<b>Uses</b>
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 TEKAI HYDROLOGICAL STATION,  
JERANTUT, PAHANG 2020**

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	6.94	0.00	41.35	6.38	n.a	n.a	n.a
			Class*	II	I	II	II	-	-

Note:

pH = Potential hydrogen

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BOD = Biochemical Oxygen Demand

COD = Chemical Oxygen Demand

TSS = Total Suspended Solid

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 CHERUL HYDROLOGICAL STATION,  
KEMAMAN, TERENGGANU 2020**

STATE	LOCATION	NAME STATION	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	6.27	0.01	33.64	n.a	n.a	n.a	n.a
			Class*	II	I	II	-	-	-

Note:

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BOD = Biochemical Oxygen Demand

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 JENGAI,  
DUNGUN, TERENGGANU 2020**

STATE	LOCATION	NAME STATION	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	6.17	0.10	30.45	7.59	n.a	n.a	n.a
			Class*	II	I	II	I	-	-

Note:

pH = Potential hydrogen

AN = Ammoniacal Nitrogen

DO = Dissolved Oxygen

BOD = Biochemical Oxygen Demand

COD = Chemical Oxygen Demand

TSS = Total Suspended Solid

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