

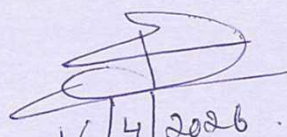
NWMP RIVER MONITORING REPORT FOR THE MONTH MARCH 2026										
SL NO	PARAMETER	RIVER-NEYYAR		RIVER- KARAMANA				RIVER- MAMOM	RIVER- AYIROOR	RIVER- VAMANAPURAM
		Amaravila	Aruvippuram	Peppara	Aruvikkara	Thiruvallom	Moonnattumukku	Mamom Bridge	Ayroor Bridge	Vamanapuram
1	Temperature, 0°C	29.6	29.6	29.6	29.8	30	29.9	30	29.8	29.5
2	Dissolved Oxygen, mg/l	7.4	6.8	5.5	5.5	0.2 (BDL)	0 (BDL)	6.1	5.6	6.6
3	pH	6.8	6.8	6.6	6.5	7	7	6.8	6.2	6.6
4	Conductivity, µmhos/cm	91	88	39	64	2184	620	198	129	95
5	BOD, mg/l	0.2 (BDL)	0.5 (BDL)	0.3 (BDL)	0.6 (BDL)	12	15.9	1.1	1.2	0.5 (BDL)
6	Nitrate-N, mg/l	2.2	1	0.0 (BDL)	0.6	3.6	6.4	1.3	2.1	1.4
7	Turbidity, NTU	2	1.8	1 (BDL)	2.8	36	44	3.6	3.6	2.5
8	Phenolphthalein Alkalinity, mg/l	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)
9	Total Alkalinity, mg/l	16 (BDL)	28	12 (BDL)	16 (BDL)	112	132	40	28	20 (BDL)
10	Chloride, mg/l	24	16	8	8	620	88	24	24	24
11	COD, mg/l	4 (BDL)	4 (BDL)	4 (BDL)	4 (BDL)	64	72	4 (BDL)	4 (BDL)	4 (BDL)
12	TKN, mg/l	1.4 (BDL)	1 (BDL)	0.024 (BDL)	0.5 (BDL)	28	30	1.5 (BDL)	1.8	1.7
13	Ammoniacal-N, mg/l	0.0 (BDL)	0.0 (BDL)	0.0 (BDL)	0.3 (BDL)	11	16.6	0.6	0.0 (BDL)	0.0 (BDL)
14	Hardness as CaCO3, mg/l	24	24	12	12	248	116	40	24	28
15	Calcium as CaCO3, mg/l	16	16	8	8	128	64	32	20	20
16	Magnesium as CaCO3, mg/l	8	8	4 (BDL)	4 (BDL)	120	52	8	4 (BDL)	8
17	Sulphate, mg/l	3.1 (BDL)	3.4 (BDL)	1.3 (BDL)	3.9 (BDL)	9.7	7.5	6.5	3.4 (BDL)	1.7 (BDL)
18	Calcium (Ca ²⁺), mg/l	6.41	6.41	3.21	3.21	51.3	25.65	12.83	8.02	8.02
19	Magnesium (Mg ²⁺), mg/l	1.944	1.944	0.972	0.972	29.16	12.636	1.944	0.972	1.944
20	Sodium, mg/l	13.2	11.3	5.3	6.1	332	57.5	16.5	14.6	12.8
21	Total Dissolved Solids, mg/l	76	64	27.3	38.8	1355	338	110	91	74
22	Total Fixed Solids, mg/l	56	48	18	25	1100	298	80	60	56
23	Total Suspended Solids, mg/l	12	7 (BDL)	8 (BDL)	9.4 (BDL)	232	224	16	26	11
24	Phosphate, mg/l	0.0385 (BDL)	0.0339 (BDL)	0.0210 (BDL)	0.0210 (BDL)	0.3664	0.381	0.0229 (BDL)	0.0320 (BDL)	0.0311 (BDL)
25	Boron, mg/l	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0.28 (BDL)	0.21 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)
26	Potassium, mg/l	6.6	3.7	1.2	2.2	140	28.4	6.8	9.6	6.8
27	Fluoride, mg/l	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	1.6	0.29	0 (BDL)	0 (BDL)	0 (BDL)
28	Total Coliform, MPN/100 ml	610	600	140	370	17000	36000	1600	1500	820
29	Fecal Coliform, MPN/100 ml	180	90	12	92	8200	17000	560	780	140
30	Fecal Streptococcus, MPN/100 ml	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	37	40	0 (BDL)	0 (BDL)	0 (BDL)
31	% SODIUM	47	46.1	46	47.2	62.8	45.1	42.4	46.7	43.1
32	SAR	1.17	1	0.66	0.76	9.2	2.32	1.14	1.3	1.05

WATER QUALITY DATA OF POLLUTED RIVER STRETCHES MARCH-2026

DISTRICT OFFICE, PATHANAMTHITTA

Date of Sampling:17.03.2026

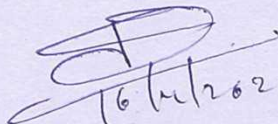
Sl. No	PARAMETERS	THAKAZHY	EDATHUA	MANNAR
1	Temperature, °C	28	28	28
2	pH	6.6	6.6	6.8
3	Conductivity, µmhos/cm	86	92	110
4	Turbidity, NTU	1	1	1
5	Phenolphthalein Alkalinity, as CaCO ₃	Nil	Nil	Nil
6	Total Alkalinity, as CaCO ₃	28	27	36
7	Chloride, mg/l	16	20	22
8	COD, mg/l	5	6.5	5
9	TKN, mg/l	NIL	NIL	NIL
10	Ammoniacal-N, mg/l	BDL	BDL	BDL
11	Hardness, as CaCO ₃ mg/l	32	26	38
12	Calcium, as CaCO ₃ mg/l	25	20	20
13	Magnesium as CaCO ₃ , mg/l	7	6	18
14	Sulphate, mg/l	4.8	5.0	6.8
15	Sodium, mg/l	8.5	11.6	11.6
16	Total Dissolved Solids, mg/l	70	76	91
17	Total Fixed Solids, mg/l	26	58	41
18	Total Suspended Solids, mg/l	40	27	52
19	Phosphate, mg/l	BDL	BDL	BDL
20	Boron, mg/l	BDL	BDL	BDL
21	Potassium, mg/l	1.6	2.8	3.5
22	BOD, mg/l	0.96	3.0	0.7
23	Fluoride, mg/l	BDL	BDL	BDL
24	Dissolved Oxygen, mg/l	6.08	3.8	6.6
25	Nitrate-N, mg/l	3.6	2.6	3.8
26	Total Coliform, CFU/100 ml	3500	8000	11250
27	Faecal Coliform, CFU/100 ml	1900	2250	4250
28	SAR	0.65	1.0	0.8
29	% of sodium	35	46.02	37
30	Faecal Strepto Coccus,CFU/100 ml	600	450	350


 16/4/2026
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 അസിസ്റ്റന്റ് സെക്ഷണിസ്റ്റ്

**MONTHLY ANALYSIS REPORT OF POLLUTED RIVER
STRETCHES MARCH-2026
STATION: MANNAR**

Sampling Date: 5.03.2026

Sl. No	PARAMETERS	ITTINAYARKKADAVU BRIDGE KUTTAMPEROOR	KOTTAKAL KADAVU BRIDGE KORATTIKADAVU	PARUMALA BRIDGE	MANNAR BRIDGE
1	Temp. (°C)	29	27	28	28
2	pH	6.9	6.7	6.6	6.8
3	Conductivity (μS/cm)	66	43	46	58
4	DO (mg/L)	5.6	7.1	6.0	6.6
5	BOD (mg/L)	1.6	1.1	1.0	0.7
6	COD (mg/L)	5	5	5	5
7	TDS (mg/L)	43	28	30	38
8	TC (CFU/100ml)	5750	2900	3500	11250
9	FC (CFU/100ml)	1900	1750	1900	4250
10	FSC(CFU/100ml)	ABSENT	250	600	350


16/3/2026

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**ANALYSIS REPORT OF DRAINS OF MANIMALA BETWEEN KALLOOPARA AND
THONDRA
March- 2026**

SI NO	BOTTLE NO.	Name of Drains	PH	BOD	TC	FC
1	TK1	Panayampalathodu	6.5	0.8	570	200
2	TK2	PadathupalamThodu	7.31	0.4	200	100
3	TK3	Thottappuzha	7.4	0.6	900	300
4	TK4	Kuttapuzha under Kattodubridge	7.45	0.27	100	80
5	TK5	Kadavumbara	7.33	1.63	410	100
6	TK6	Drain under Varappalam Bridge	NIL	NIL	NIL	NIL
7	TK7	Drain under kallupalam Bridge	NIL	NIL	NIL	NIL
8	TK8	Komalamthodu	7.43	0.66	900	200
9	TK9	Vennikulam Valiyathodu	7.24	0.07	230	100
10	TK10	Paduthodu	NIL	NIL	NIL	NIL
11	TK11	Mallappally Valiyathodu	NIL	NIL	NIL	NIL

Analysis report of polluted river stretches-R Periyar, R- Chithrapuzha,R-Kadambrayar, R-Chalakudy For the month of March 2026

STNCod e	Sampling Date	Sampling Time	StnName	Type Of Water Body	Name Of Water Body	River Basin	
17	10.03.2026	11:00	Periyar at Eloor	River	Periyar River		
1338	27.03.2026	10:15	Periyar at SDP Aluva	River	Periyar River		
2334	03.03.2026	11:05	Periyar at Pathalam	River	Periyar River		
2335	03.03.2026	11:50	Periyar at Kalamassery	River	Periyar River		
3468	27.03.2026	10:35	Periyar at KWA Aluva	River	Periyar River		
2337	17.03.2026	11:05	Kadambrayar At Brahmapuram	River	Kadambrayar River		
2338	17.03.2026	10:45	Kadambrayar At Manackakadavu	River	Kadambrayar River		
1573	17.03.2026	11:15	Chithrapuzha At Irumpanam	River	Chithrapuzha River		
1154	27.03.2026	12:35	Chalakudy at Pulikkakadavu	River	Chalakudy River		

Sl. No.	Parameters	Values									
		Station Code						2337	2338	1573	1154
		17	1338	2334	2335	3468					
1	Temperature, °C	28	29	29	28	29	No Sampling due to dense water hyacinth	29	29	29	
2	Dissolved Oxygen, mg/l	9.3	5.7	4.2	5.2	5.9		2.3	6.7	8.7	
3	pH	7.3	6.7	7.2	7.1	6.9		7.5	6.2	7.2	
4	Conductivity, µmhos/cm	4010	52	4700	55	50		95	1992	252	
5	BOD, mg/l	5.1	1.4	1.4	1.4	1.5		4.2	6.2	1.9	
6	Nitrate-N, mg/l	0.02	0.14	0	0.05	0.16		0.14	3.5	0.14	
7	Turbidity, NTU	6.9	2.1	1.2	1.7	1.8		4.7	1.5	1	
8	Phenolphthalein alkalinity	0.62	BDL	4.05	BDL	BDL		BDL	BDL	BDL	
9	Total Alkalinity, as CaCO3	22	15	21	15	15		24	5	42	
10	Chloride, mg/l	1224.8	5.9	1518.8	7	5.9		11.76	494.82	50	
11	COD, mg/l	32.0	32.0	16	24	4		13.6	24	5.6	
12	TKN, mg/l	BDL	BDL	BDL	BDL	BDL		BDL	4.5	3.4	
13	Ammoniacal-N, mg/l	BDL	BDL	BDL	BDL	BDL		BDL	3.1	1.48	
14	Total Hardness, as CaCO3 mg/l	400	13	410	14	13		20	205	82	
15	Calcium, as CaCO3 mg/l	120	8	130	9	10		14	111	72	
16	Magnesium as CaCO3, mg/l	280	5	280	5	3		6	94	10	
17	Sulphate, mg/l	155	3.1	91	2.5	3.5		3.2	85	2.9	
18	Sodium, mg/l	796	3.8	795	3.6	3.9		6.4	321	26	
19	Total Dissolved Solids, mg/l	2324	30	2682	35	32		56	1190	146	
20	Total Fixed Solids, mg/l	1859	24	2146	28	26		45	952	117	
21	Total Suspended Solids, mg/l	134	10	26	4	10		8	24	16	
22	Phosphate, mg/l	0.1	0.2	0.2	0.1	0.2		0.1	53	0.1	
23	Boron, mg/l	0.277	0.034	0.372	0.023	0.031		0.041	0.149	0.042	
24	Potassium, mg/l	14.4	1	21.60	1.2	1		2.2	8.2	1	
25	Fluoride, mg/l	0.088	0.044	0.112	0.247	0.034		0.037	2.612	0.032	
26	Total Coliform, MPN/100 ml	47000	43000	6300	50000	47000		25000	410000	4300	
27	Feacal Coliform, MPN/100 ml	700	4900	400	1200	2500		840	1000	38	
28	Feacal Streptococci, MPN/100ml	260	200	120	100	220		100	200	15	

**ANALYSIS REPORT OF POLLUTED STRETCH POINTS IN TIRUR RIVER -MARCH
2026**

SI NO	Name of point	PARAMETERS				
		pH	DO (mg/l)	BOD (mg/l)	COD (mg/l)	FC (cfu/100ml)
1	Drain near Tirur Railway station	6.5	4.1	2.1	10.8	340
2	Thazhepalam drain	6.9	3.8	1.9	12.5	760
3	Naduvilangadi drain (old ponnanithodu)	Dried				
4	Annassery drain	Dried				
5	Canal at CV Land	Dried				
6	Canal at Mangalam thuruth	6.9	4.4	3.2	12.0	160
7	Canal at Pullooni	6.9	4.3	2.3	10.4	100
8	Drain near Mangattiri bridge ,	Dried				
9	Drain near Ettirikkadavu bridge	7.0	4.2	1.6	8.8	140
10	Epothingal	6.5	3.5	1.0	9.4	140
11	Asarikkadav	Dried				
12	Kandanathkadav	Dried				
13	Pancharamoola	Dried				
14	Kakadav	6.8	3.3	1.5	8.4	1200
15	Kanathkadav	6.7	3.0	1.8	8.6	300
16	Drain near tirur railway station	Dried				
17	Payyanangadi (kadayithodu)	Dried				
18	Thalakkadathur	6.5	4.3	1.1	56	200
19	Naduvilangadi	6.9	3.9	1.7	32	280


ASSISTANT SCIENTIST

ANALYSIS REPORT OF POLLUTED STRETCH POINTS IN KADALUNDY RIVER - MARCH 2026

Sl .No	Name of point	PARAMETERS				
		pH	DO (mg/l)	BOD (mg/l)	COD (mg/l)	FC (cfu/100 ml)
1	Valiyangadi drain	7.0	5.5	2.7	8.8	100
2	Valiyangadi bypass drain	DRIED				
3	Valiyathod drain	7.1	7.2	1.4	6.2	640
4	Hajiyarpally	6.9	8.1	2.3	8.0	40
5	Tirurangadi	7.1	7.5	2.6	16	400

Gather

ASSISTANT SCIENTIST

POLLUTED RIVER STRETCH MONITORING PROGRAM (MARCH 2026)

STN Code	PR-1
State	Kerala
District	Palakkad
Monitoring Agency	Kerala SPCB
Waterbody Type	Tributary
Waterbody Name	Kalpathypuzha
Frequency of Monitoring	Monthly
Sampling Date	09-03-2026
Sampling Time	10.30 AM
Monitoring Location	Kalpathypuzha at Pezhumkara Bridge (Downstream)
Location Details	D/s of town or industrial area
Use of Water in Down Stream	Irrigation, Drinking water source, Others
Human Activities around the Station	Bathing, Washing, Cattle wading, Others
Major Polluting Sources	Municipal Solid Waste, Plastic Waste
Visible Effluent Discharge	Municipal Sewage
Weather	Clear
Approxdepth (m)	Greater than 100 cm
Floating Matter	Yes (Floating algae , Water Hyacinth)
Colour	Clear
Odour	None
Flow (in MLD)	
Temperature (°C)	29
Dissolved O2 (mg/L)	5.6
pH	7.1
Conductivity (µmho/Cm)	253
BOD (mg/L)	2.8
Nitrate - N (mg/L)	1.1
Total Coliform (MPN/100ml)	12100
Fecal Coliform (MPN/100ml)	5800
Fecal Streptococci (MPN/100ml)	1080
Turbidity (NTU)	0 (BDL)
Phenolphthalein Alkalinity (mg/L)	0 (BDL)
Total Alkalinity (mg/L)	86
Chlorides (mg/L)	45
COD (mg/L)	45
Total Kjeldahl Nitrogen (mg/L)	4
Ammonical N (mg/L)	2.6
Total Hardness (mg/L)	82
Ca as CaCo3 (mg/L)	30
Mg as CaCo3 (mg/L)	52
Sulphate (mg/L)	7
Ca++ (mg/L)	12.02
Mg++ (mg/L)	12.636
Sodium (mg/L)	30
Total Dissolved Solids (mg/L)	164
Total Fixed Solids (mg/L)	90
Total Suspended Solids (mg/L)	10 (BDL)
Total Phosphate (mg/L)	0.31
Boron (mg/L)	0 (BDL)
Potassium (mg/L)	2
Fluoride (mg/L)	0.2 (BDL)
Sodium Percentage (%)	43.6
SAR	1.43

POLLUTED RIVER STRETCH MONITORING PROGRAM (MARCH 2026)

STN Code	PR-2
State	Kerala
District	Palakkad
Monitoring Agency	Kerala SPCB
Waterbody Type	Tributary
Waterbody Name	Kalpathypuzha
Frequency of Monitoring	Monthly
Sampling Date	09-03-2026
Sampling Time	11.05 AM
Monitoring Location	Kalpathypuzha at Mukkai Causeway (Upstream)
Location Details	Pilgrim Center, Bathing Ghat/ Water intake
Use of Water in Down Stream	Irrigation, Drinking water source, Others
Human Activities around the Station	Bathing, Washing, Cattle wading, Others
Major Polluting Sources	Others
Visible Effluent Discharge	None
Weather	Clear
Approxdepth (m)	Greater than 100 cm
Floating Matter	Yes(Floating algae , Water Hyacinth)
Colour	Clear
Odour	None
Flow (in MLD)	
Temperature (°C)	30
Dissolved O2 (mg/L)	6
pH	7.1
Conductivity (µmho/Cm)	129
BOD (mg/L)	1.7
Nitrate - N (mg/L)	0.2
Total Coliform (MPN/100ml)	5200
Fecal Coliform (MPN/100ml)	1700
Fecal Streptococci (MPN/100ml)	40
Turbidity (NTU)	0 (BDL)
Phenolphthalein Alkalinity (mg/L)	0 (BDL)
Total Alkalinity (mg/L)	56
Chlorides (mg/L)	14
COD (mg/L)	25
Total Kjeldahl Nitrogen (mg/L)	4
Ammonical N (mg/L)	2.6
Total Hardness (mg/L)	48
Ca as CaCo3 (mg/L)	43
Mg as CaCo3 (mg/L)	5
Sulphate (mg/L)	6
Ca++ (mg/L)	17.23
Mg++ (mg/L)	1.215
Sodium (mg/L)	7
Total Dissolved Solids (mg/L)	84
Total Fixed Solids (mg/L)	55
Total Suspended Solids (mg/L)	10 (BDL)
Total Phosphate (mg/L)	0.04 (BDL)
Boron (mg/L)	0 (BDL)
Potassium (mg/L)	1
Fluoride (mg/L)	0.2 (BDL)
Sodium Percentage (%)	23.6
SAR	0.44

POLLUTED RIVER STRETCH MONITORING PROGRAM (MARCH 2026)

STN Code	PR-3
State	Kerala
District	Palakkad
Monitoring Agency	Kerala SPCB
Waterbody Type	Tributary
Waterbody Name	Korayar
Frequency of Monitoring	Monthly
Sampling Date	09-03-2026
Sampling Time	01.00 PM
Monitoring Location	Korayar at Menonpara Bridge (Upstream)
Location Details	D/s of town or industrial area
Use of Water in Down Stream	Irrigation, Drinking water source, Others
Human Activities around the Station	Bathing, Washing, Cattle wading, Others
Major Polluting Sources	Others
Visible Effluent Discharge	None
Weather	Clear
Approxdepth (m)	Greater than 100 cm
Floating Matter	Yes(Floating algae , Water Hyacinth)
Colour	Clear
Odour	None
Flow (in MLD)	
Temperature (°C)	31
Dissolved O2 (mg/L)	4.3
pH	8.1
Conductivity (µmho/Cm)	871
BOD (mg/L)	3.9
Nitrate - N (mg/L)	0.4
Total Coliform (MPN/100ml)	8200
Fecal Coliform (MPN/100ml)	2100
Fecal Streptococci (MPN/100ml)	1360
Turbidity (NTU)	0 (BDL)
Phenolphthalein Alkalinity (mg/L)	0 (BDL)
Total Alkalinity (mg/L)	480
Chlorides (mg/L)	235
COD (mg/L)	45
Total Kjeldahl Nitrogen (mg/L)	4
Ammonical N (mg/L)	2.8
Total Hardness (mg/L)	372
Ca as CaCo3 (mg/L)	106
Mg as CaCo3 (mg/L)	266
Sulphate (mg/L)	115
Ca++ (mg/L)	42.48
Mg++ (mg/L)	64.638
Sodium (mg/L)	115
Total Dissolved Solids (mg/L)	750
Total Fixed Solids (mg/L)	320
Total Suspended Solids (mg/L)	10 (BDL)
Total Phosphate (mg/L)	0.06 (BDL)
Boron (mg/L)	0 (BDL)
Potassium (mg/L)	3
Fluoride (mg/L)	0.2 (BDL)
Sodium Percentage (%)	40
SAR	2.59

POLLUTED RIVER STRETCH MONITORING PROGRAM (MARCH 2026)

STN Code	PR-4
State	Kerala
District	Palakkad
Monitoring Agency	Kerala SPCB
Waterbody Type	Tributary
Waterbody Name	Korayar
Frequency of Monitoring	Monthly
Sampling Date	09-03-2026
Sampling Time	12:05 AM
Monitoring Location	Korayar at Naragampilly (Downstream)
Location Details	D/s of town or industrial area
Use of Water in Down Stream	Irrigation, Drinking water source, Others
Human Activities around the Station	Bathing, Washing, Cattle wading, Others
Major Polluting Sources	Others
Visible Effluent Discharge	None
Weather	Clear
Approxdepth (m)	Greater than 100 cm
Floating Matter	Yes(Floating algae , Water Hyacinth)
Colour	Clear
Odour	None
Flow (in MLD)	
Temperature (°C)	31
Dissolved O2 (mg/L)	3.8
pH	7.9
Conductivity (µmho/Cm)	462
BOD (mg/L)	3.4
Nitrate - N (mg/L)	0.2
Total Coliform (MPN/100ml)	9800
Fecal Coliform (MPN/100ml)	1500
Fecal Streptococci (MPN/100ml)	120
Turbidity (NTU)	0 (BDL)
Phenolphthalein Alkalinity (mg/L)	0 (BDL)
Total Alkalinity (mg/L)	248
Chlorides (mg/L)	115
COD (mg/L)	40
Total Kjeldahl Nitrogen (mg/L)	4.5
Ammonical N (mg/L)	3.2
Total Hardness (mg/L)	228
Ca as CaCo3 (mg/L)	88
Mg as CaCo3 (mg/L)	140
Sulphate (mg/L)	28
Ca++ (mg/L)	35.27
Mg++ (mg/L)	34.02
Sodium (mg/L)	60
Total Dissolved Solids (mg/L)	399
Total Fixed Solids (mg/L)	225
Total Suspended Solids (mg/L)	10 (BDL)
Total Phosphate (mg/L)	0.03 (BDL)
Boron (mg/L)	0 (BDL)
Potassium (mg/L)	3
Fluoride (mg/L)	0.2 (BDL)
Sodium Percentage (%)	36
SAR	1.73



KERALA STATE POLLUTION CONTROL BOARD

കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്

കോഴിക്കോട് റീജ്യണൽ ഓഫീസ്
REGIONAL OFFICE, KOZHIKODE



Phone: 0495-2300744 Mail: pcbrokkd@gmail.com Website: kspcb.kerala.gov.in

3rd FLOOR, ZAMORIN'S SQUARE, LINK ROAD, KOZHIKODE - 673 002

Environmental Engineer
CALICUT
6/4/26
Pollution Control Board

ANALYSIS REPORT OF RIVER WATER

Report No.	K R O S 5 9 9 1 / 1 to 5	Date:	3 0 0 3 2 0 2 6					
Date of Sample Collection	0 8 0 3 2 0 2 6	Date of receipt of the sample	0 9 0 3 2 0 2 6					
Sampled by:	RL ,KKD	Time	Hours: 0 4 : 0 0 PM					
Sampling Method	APHA1060B,a	Sample ID	KL1, KL2, KL3, KL5,& KL6					
Sample container	PC 2.5 L	Sample Lab Code	KROS :5991/1-5					
Source:	KALLAI RIVER WATER	Ref.letter No.	PCB/KKD/DO/ Polluted River Stretch/2018 Vol. IV. Dated 17.02.2026					
Specific sampling location:	KALLAI POLLUTED RIVER STRETCH	Received from:	EE,DO,KKD					
Sample preservation:	Ice box	Period of analysis:	09.03.2026-24.03.2026					
		No. of samples	5					
		Analysed by:	SNS/NSS/PVH/FZ					
		Method:Standard Methods for the examination of Water and Wastewater, APHA AWWA WEF (22 nd Ed.)						
sl no	Parameters	unit	Method No.	SAMPLE ID				
				KL 1	KL 2	KL 3	KL 5	KL 6
1	pH	-	APHA 4500-H+,B	7.36	7.32	7.3	7.16	7.45
2	CONDUCTIVITY	µmhos /cm	APHA 2510B	12770	17570	20080	9300	29300
3	BOD	mg/L	IS3025 (Part 44)	1.67	2.07	1.47	2.67	1.47
4	DISSOLVED OXYGEN	mg/L	APHA 4500-O,C	6.7	4.9	4	BDL	2.7
5	TOTAL COLIFORM,	CFU/100ml	APHA 9222B	20000	16000	24000	190000	100000
6	FECAL COLIFORM	CFU/100ml	APHA 9222D	12000	10000	13000	140000	70000
7	FECAL STREPTOCOCCUS	CFU/100ml	APHA 9230 C	1200	600	1000	600	1800
8	TEMPERATURE	°C	APHA 2550B	27	27	27	28	28

Test method variation: None

Remarks: LDL-Lower Detection Limit BDL-Below Detection Limit

KL1-KALLAI RIVER AT PALATHUMKANDI BRIDGE,POKKUNNU,KL2-KALLAI RIVER AT KADUPPINI BRIDGE, K.L3- KALLAI RIVER AT MANKAVU BRIDGE, KL5- KALLAI RIVER AT KALLAI BRIDGE & KL6- KALLAI RIVER AT KOTHI BRIDGE, THEKKEPURAM .

Scientist in charge
ASHA. N.K
Assistant Scientist