

ANALYSIS REPORT OF RIVERS INCLUDED IN THE LIST OF PRS-2022 FOR THE MONTH OF JUNE 2026								
SL NO	PARAMETER	RIVER-NEYYAR		RIVER- KARAMANA		RIVER- MAMOM	RIVER- AYIROOR	RIVER- VAMANAPURAM
		Aruvippuram	Amaravila	Aruvikkara	Moonnattumukku	Mamom	Ayiroor	Vamanapuram
1	Temperature, 0°C	28.7	29	29	28.7	29.4	29.3	28.9
2	Dissolved Oxygen, mg/l	6	6.5	7	1.1	6	7	7.3
3	pH	7	6.9	7.4	6.8	6.5	6.3	6.5
4	Conductivity, µmhos/cm	128	174	72	1041	182	120	72
5	BOD, mg/l	1.4	1.2	1 (BDL)	8.1	0.8 (BDL)	1.1	1 (BDL)
6	Nitrate-N, mg/l	2.1	3.8	0.3 (BDL)	4.3	1.9	1.1	1
7	Turbidity, NTU	3	3.4	2.6	41	2.8	3.7	2.2
8	Phenolphthalein Alkalinity, mg/l	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)
9	Total Alkalinity, mg/l	32	32	24	136	44	16 (BDL)	16 (BDL)
10	Chloride, mg/l	26	28	20	240	28	28	20
11	COD, mg/l	4 (BDL)	4 (BDL)	4 (BDL)	52	4 (BDL)	4 (BDL)	4 (BDL)
12	TKN, mg/l	1.12 (BDL)	2.24	0.28 (BDL)	28.00	1.12 (BDL)	1.12 (BDL)	0.98 (BDL)
13	Ammoniacal-N, mg/l	0.0 (BDL)	0.4 (BDL)	0.2 (BDL)	16.4	0.1 (BDL)	1.1	0.0 (BDL)
14	Hardness as CaCO3, mg/l	32	32	20	144	36	24	20
15	Calcium as CaCO3, mg/l	24	24	10	64	20	16	14
16	Magnesium as CaCO3, mg/l	8	8	10	80	16	8	6
17	Sulphate, mg/l	4.2 (BDL)	3.8 (BDL)	2.3 (BDL)	3.1 (BDL)	10.5	2.7 (BDL)	1.0 (BDL)
18	Calcium (Ca2+), mg/l	9.62	9.62	4.01	25.65	8.02	6.41	5.61
19	Magnesium (Mg2+), mg/l	1.944	1.944	2.43	19.44	3.888	1.944	1.458
20	Sodium, mg/l	13.6	15.3	11.5	127	16.5	15.4	10.8
21	Total Dissolved Solids, mg/l	90	103	64	592	118	79	62
22	Total Fixed Solids, mg/l	65	78	28	470	89	65	43
23	Total Suspended Solids, mg/l	12	16	20	187	16	19	9.4 (BDL)
24	Phosphate, mg/l	0.2135	0.0542 (BDL)	0.039 (BDL)	0.0189 (BDL)	0.0100 (BDL)	0.0087 (BDL)	0.0145 (BDL)
25	Boron, mg/l	0 (BDL)	0 (BDL)	0 (BDL)	0.26 (BDL)	0 (BDL)	0. (BDL)	0 (BDL)
26	Potassium, mg/l	4.4	6.4	6.2	76.2	6.8	7.1	3.7
27	Fluoride, mg/l	0 (BDL)	0 (BDL)	0 (BDL)	0.23	0.01 (BDL)	0 (BDL)	0 (BDL)
28	Total Coliform, MPN/100 ml	810	780	450	25000	1400	2400	980
29	Fecal Coliform, MPN/100 ml	110	240	82	14000	450	920	240
30	Fecal Streptococcus, MPN/100 ml	0 (BDL)	0 (BDL)	0 (BDL)	10	0 (BDL)	0 (BDL)	0 (BDL)
31	% SODIUM	44	45.3	47.2	53.3	44.5	50.3	48.7
32	SAR	1.04	1.17	1.11	4.60	1.20	1.37	1.04

STATE WATER QUALITY MONITORING PROGRAMME (SWMP) 2026							
Analysis Report for the month of June - 2026							
Name of River		KARAMANA					
Date and Time of Sample collection		2/6/2026					
Method of analysis							
Sl no.	Parameters	SAMPLE ID					
		Peppara Dam	Aruvikkara	Mangattukadavu	Pallathukadavu	Thiruvallom	Moonnattumukku .
1	Temperature (°C)	28.5	29	28.6	28.8	28.7	28.7
2	Dissolved O2 (mg/L)	7	7	5.7	5.6	2.6	1.1
3	pH	6.4	7.4	6.4	6.7	6.7	6.8
4	Conductivity (µmho/Cm)	44	72	158	300	513	1041
5	BOD (mg/L)	0.7 (BDL)	1 (BDL)	0.9 (BDL)	1.5	6.3	8.1
6	Nitrate - N (mg/L)	0.0 (BDL)	0.3 (BDL)	3.2	2.8	3.6	4.3
7	Turbidity (NTU)	1 (BDL)	2.6	3.8	6.9	26	41
8	Total Alkalinity (mg/L)	12 (BDL)	24	32	56	64	136
9	Chlorides (mg/L)	12	20	24	48	124	240
10	Ammonical N (mg/L)	0.0 (BDL)	0.2 (BDL)	0.4 (BDL)	0.8	5.8	16.4
11	Total Hardness (mg/L)	8 (BDL)	20	42	76	100	144
12	Ca as CaCo3 (mg/L)	4 (BDL)	10	28	48	60	64
13	Mg as CaCo3 (mg/L)	4 (BDL)	10	14	28	40	80
14	Sulphate (mg/L)	0.9 (BDL)	2.3 (BDL)	3.2 (BDL)	0.8 (BDL)	3.6 (BDL)	3.1 (BDL)
15	Sodium (mg/L)	6.4	11.5	12.6	27	67	127
16	Measured TDS (mg/L)	33	64	98	169	319	592
17	Total Phosphate (mg/L)	0.0102 (BDL)	0.039 (BDL)	0.062 (BDL)	0.0432 (BDL)	0.168 (BDL)	0.0189 (BDL)
18	Boron (mg/L)	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0.21 (BDL)	0.26 (BDL)
19	Potassium (mg/L)	2.1	6.2	8.4	12.4	29.4	76.2
20	Total Coliform (MPN/100ml)	140	450	1200	2600	9100	25000
21	Fecal Coliform (MPN/100ml)	12	82	550	920	4500	14000
22	SAR	0.99	1.11	0.84	1.34	2.92	4.6


 06/07/2026
 ASSISTANT ENVIRONMENTAL SCIENTIST

ANALYSIS REPORT OF RIVERS INCLUDED IN THE LIST OF PRS-2022 FOR THE MONTH OF JUNE 2026

SL NO	PARAMETER	RIVER-NEYYAR		RIVER- KARAMANA		RIVER- MAMOM	RIVER- AYIROOR	RIVER- VAMANAPURAM
		Aruvippuram	Amaravila	Aruvikkara	Moonnattumukku	Mamom	Ayiroor	Vamanapuram
1	Temperature, 0°C	29	28.7	29	28.7	29.4	29.3	28.9
2	Dissolved Oxygen, mg/l	6.5	6	7	1.1	6	7	7.3
3	pH	6.9	7	7.4	6.8	6.5	6.3	6.5
4	Conductivity, µmhos/cm	174	128	72	1041	182	120	72
5	BOD, mg/l	1.2	1.4	1 (BDL)	8.1	0.8 (BDL)	1.1	1 (BDL)
6	Nitrate-N, mg/l	3.8	2.1	0.3 (BDL)	4.3	1.9	1.1	1
7	Turbidity, NTU	3.4	3	2.6	41	2.8	3.7	2.2
8	Phenolphthalein Alkalinity, mg/l	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)	0 (BDL)
9	Total Alkalinity, mg/l	32	32	24	136	44	16 (BDL)	16 (BDL)
10	Chloride, mg/l	28	26	20	240	28	28	20
11	COD, mg/l	4 (BDL)	4 (BDL)	4 (BDL)	52	4 (BDL)	4 (BDL)	4 (BDL)
12	TKN, mg/l	2.24	1.12 (BDL)	0.28 (BDL)	28.00	1.12 (BDL)	1.12 (BDL)	0.98 (BDL)
13	Ammoniacal-N, mg/l	0.4 (BDL)	0.0 (BDL)	0.2 (BDL)	16.4	0.1 (BDL)	1.1	0.0 (BDL)
14	Hardness as CaCO ₃ , mg/l	32	32	20	144	36	24	20
15	Calcium as CaCO ₃ , mg/l	24	24	10	64	20	16	14
16	Magnesium as CaCO ₃ , mg/l	8	8	10	80	16	8	6
17	Sulphate, mg/l	3.8 (BDL)	4.2 (BDL)	2.3 (BDL)	3.1 (BDL)	10.5	2.7 (BDL)	1.0 (BDL)
18	Calcium (Ca ²⁺), mg/l	9.62	9.62	4.01	25.65	8.02	6.41	5.61
19	Magnesium (Mg ²⁺), mg/l	1.944	1.944	2.43	19.44	3.888	1.944	1.458
20	Sodium, mg/l	15.3	13.6	11.5	127	16.5	15.4	10.8
21	Total Dissolved Solids, mg/l	103	90	64	592	118	79	62
22	Total Fixed Solids, mg/l	78	65	0.28 (BDL)	470	89	65	43
23	Total Suspended Solids, mg/l	16	12	20	187	16	19	9.4 (BDL)
24	Phosphate, mg/l	0.0542 (BDL)	0.2135	0.039 (BDL)	0.0189 (BDL)	0.0100 (BDL)	0.0087 (BDL)	0.0145 (BDL)
25	Boron, mg/l	0 (BDL)	0 (BDL)	0 (BDL)	0.26 (BDL)	0 (BDL)	0. (BDL)	0 (BDL)
26	Potassium, mg/l	6.4	4.4	6.2	76.2	6.8	7.1	3.7
27	Fluoride, mg/l	0 (BDL)	0 (BDL)	0 (BDL)	0.23	0.01 (BDL)	0 (BDL)	0 (BDL)
28	Total Coliform, MPN/100 ml	780	810	450	25000	1400	2400	980
29	Fecal Coliform, MPN/100 ml	240	110	82	14000	450	920	240
30	Fecal Streptococcus, MPN/100 ml	0 (BDL)	0 (BDL)	0 (BDL)	10	0 (BDL)	0 (BDL)	0 (BDL)
31	% SODIUM	45.3	44	47.2	53.3	44.5	50.3	48.7
32	SAR	1.17	1.04	1.11	4.60	1.20	1.37	1.04

Analysis Result of Drains Joining to Mannar-Thakazhi Stretch of Pamba River (June-2026)

SL.N o	Name of Drain	Parameters														
		pH			Electrical Conductivity(µS/cm)			BOD(mg/l)			TC(Nos/100ml)			FC		
	Months	APR	MAY	JUNE	APR	MAY	JUNE	APR	MAY	JUNE	APR	MAY	JUNE	APR	MAY	JUNE
1	Parumala Drain	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
2	MannarTown Drain	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
3	Kuriyathkadavu Thodu	NIL	NIL	7.16	NIL	NIL	990.1	NIL	NIL	1.67	NIL	NIL	1500	NIL	NIL	900
4	KaruvelilThodu	7.79	7.26	7.39	32.96	112.8	110.3	3	0.1	1.2	1600	1800	900	1000	1000	600
5	Nochithodu	7.6	7.21	7.41	45.45	39.44	106.9	1.6	1.1	1	900	800	1700	700	200	700
6	Pattaparambil Thodu	7.42	7.25	7.35	96.45	82.17	91.65	1.9	0.3	1.8	1800	1600	1000	900	900	800
7	Kappiyarissery Thodu	6.66	7.01	7.32	330.8	79.67	90.91	3	1.8	0.74	1000	1000	1100	500	8000	700
8	Kombankery Thodu	7.22	7.26	7.26	122.3	43.19	115.2	2.4	0.1	2	1200	1100	300	900	900	100
9	Perackalthodu	7.11	7.18	7.31	164.4	88.16	115.7	2.4	1.6	0.67	200	300	1700	100	100	900
10	Erathodu	7.04	7.17	7.38	215.9	102.8	85.17	0.4	1.8	0.8	1500	1200	1200	900	1000	500
11	Kolarayaru	7.39	7.34	7.16	30.01	34.74	153.6	0.8	1.2	1.17	800	800	700	300	200	400

WATER QUALITY DATA OF POLLUTED RIVER STRETCHES JUNE-2026**DISTRICT OFFICE, PATHANAMTHITTA****Date of Sampling: 3.06.2026**

Sl. No	PARAMETERS	THAKAZHY	EDATHUA	MANNAR
1	Temperature, °C	26	29	26
2	pH	6.9	6.5	6.8
3	Conductivity, µmhos/cm	156	70	64
4	Turbidity, NTU	1	1.0	1
5	Phenolphthalein Alkalinity, as CaCO ₃	Nil	Nil	Nil
6	Total Alkalinity, as CaCO ₃	26	27	22
7	Chloride, mg/l	41	13	12
8	COD, mg/l	7.	5	5.0
9	TKN, mg/l	NIL	NIL	NIL
10	Ammoniacal-N, mg/l	BDL	BDL	BDL
11	Hardness, as CaCO ₃ mg/l	37	27	22
12	Calcium, as CaCO ₃ mg/l	27	20	18
13	Magnesium as CaCO ₃ , mg/l	10	7	4
14	Sulphate, mg/l	5.5	5.9	6.5
15	Sodium, mg/l	22	7.5	7.2
16	Total Dissolved Solids, mg/l	128	55	54
17	Total Fixed Solids, mg/l	25	17	20
18	Total Suspended Solids, mg/l	62	30	32
19	Phosphate, mg/l	BDL	BDL	BDL
20	Boron, mg/l	BDL	BDL	BDL
21	Potassium, mg/l	5.5	1.0	1.9
22	BOD, mg/l	2.4	1.5	1.7
23	Fluoride, mg/l	BDL	BDL	BDL
24	Dissolved Oxygen, mg/l	5.0	4.0	4.0
25	Nitrate-N, mg/l	7.1	1.2	10.4
26	Total Coliform, CFU/100 ml	4600	6000	3500
27	Faecal Coliform, CFU/100 ml	2600	3900	1150
28	SAR	1.57	0.63	0.67
29	% of sodium	52.08	36.58	39.01
30	Faecal Strepto Coccus, CFU/100 ml	100	400	ABSENT

Dhanya T P Digitally signed by Dhanya T P
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MONTHLY ANALYSIS REPORT OF POLLUTED RIVER
STRETCHES JUNE-2026
STATION: MANNAR

Sampling Date: 3.06.2026

Sl. No	PARAMETERS	ITTINAYARKKADAVU BRIDGE KUTTAMPEROOR	KOTTAKAL KADAVU BRIDGE KORATTIKADAVU	PARUMALA BRIDGE	MANNAR BRIDGE
1	Temp. (°C)	25	25	25	26
2	pH	6.9	6.8	6.5	6.8
3	Conductivity (µS/cm)	84	67	80	65
4	DO (mg/L)	1.6	2.8	1.8	4.0
5	BOD (mg/L)	1.5	1.9	1.7	1.7
6	COD (mg/L)	5	5	5	5
7	TDS (mg/L)	55	44	52	42
8	TC (CFU/100ml)	4650	3050	2250	3500
9	FC (CFU/100ml)	1150	1200	1400	1150
10	FSC(CFU/100ml)	50	ABSENT	250	ABSENT

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

SI NO	BOTTLE NO.	Name of Drains	PH	BOD	TC	FC
1	TK1	Panayampalathodu	7.49	0.61	1100	400
2	TK2	PadathupalamThodu	7.24	0.1	1000	500
3	TK3	Thottappuzha	7.53	1.47	1500	700
4	TK4	Kuttapuzha under Kattodubridge	7.48	1.6	1200	900
5	TK5	Kadavumbara	7.44	0.47	1200	800
6	TK6	Drain under Varappalam Bridge	NIL	NIL	NIL	NIL
7	TK7	Drain under kallupalam Bridge	7.38	0.6	1000	500
8	TK8	Komalamthodu	7.45	0.34	1000	800
9	TK9	Vennikulam Valiyathodu	7.37	0.74	1200	400
10	TK10	Paduthodu	7.34	0.8	1000	600
11	TK11	Mallappally Valiyathodu	7.31	0.67	1400	900

KERALA STATE POLLUTION CONTROL BOARD
ENVIRONMENTAL SURVEILLANCE CENTRE, ELOOR
ANALYSIS REPORT OF RIVER PERIYAR -JUNE 2026
Sampling point: VETTUKADAVU

Sl. No	Parameter	Unit	05.06.2026	25.06.2026
1	Temperature	°c	30.4	32.4
2	pH		6.80	6.6
3	Conductivity	µS/cm	207.2	283.1
4	TDS	NTU	119.93	163.86
5	Turbidity	mg/L	*	*
6	Colour	"	20.0	20.0
7	SS	"	0.86	0.88
8	Chlorides	"	41.70	7.94
9	Hardness	"	39	8
10	D.O.	"	3.4	4.9
11	COD	"	4.24	4
12	Calcium	"	6	1.6
13	Magnesium	"	5.832	0.972
14	Ammoniacal Nitrogen	"	BDL	BDL
15	Free Ammonia	"	BDL	BDL
16	Phosphates		2.018	0.227
17	Hexa Chromium	"	0.049	0.048
18	Oil & Grease	"	2.4	0.68
19	Iron	"	0.681	0.808
20	Sulphides	"	BDL	BDL
21	Sulphates	"	8.594	8.281
23	Nitrate	"	2.258	1.075
22	Total Alkalinity	"	28	16
24	BOD	"	1.61	2.6
25	TC	"	800	700
26	FC	"	380	380
27	FS	"	400	200
28	Sodium	ppm	0.08	1.6
29	Potassium	ppm	0.63	0.47
30	SAR	meq/L	0.068	0.243

* TURBIDITY METER IS OUT OF ORDER

KERALA STATE POLLUTION CONTROL BOARD
ENVIRONMENTAL SURVEILLANCE CENTRE, ELOOR
ANALYSIS REPORT OF RIVER PERIYAR -JUNE 2026
Sampling point: PATHALAM BRIDGE

Sl. No	Parameter	Unit	05.06.2026	25.06.2026
1	Temperature	°c	30.8	32.4
2	pH		6.9	7.3
3	Conductivity	µS/cm	60.4	54.03
4	TDS	NTU	34.96	31.27
5	Turbidity	mg/L	*	*
6	Colour	"	20.0	20.0
7	SS	"	1.26	2.40
8	Chlorides	"	9	11
9	Hardness	"	16	14
10	D.O.	"	4.5	4.4
11	COD	"	4.04	2.1
12	Calcium	"	4.4	2.8
13	Magnesium	"	1.215	1.701
14	Ammoniacal Nitrogen	"	BDL	BDL
15	Free Ammonia	"	BDL	BDL
16	Phosphates		0.155	0.151
17	Hexa Chromium	"	0.054	0.045
18	Oil & Grease	"	1.2	1.02
19	Iron	"	0.878	0.611
20	Sulphides	"	BDL	BDL
21	Sulphates	"	4.688	4.688
23	Nitrate	"	1.398	1.147
22	Total Alkalinity	"	24	16
24	BOD	"	2.4	1.2
25	TC	"	2000	180
26	FC	"	300	140
27	FS	"	120	120
28	Sodium	ppm	0	0
29	Potassium	ppm	0.46	0.43
30	SAR	meq/L	0	0

* TURBIDITY METER IS OUT OF ORDER

KERALA STATE POLLUTION CONTROL BOARD
ENVIRONMENTAL SURVEILLANCE CENTRE, ELOOR

ANALYSIS REPORT OF RIVER PERIYAR -JUNE 2026

Sampling point: PUTHALAM KADAVU

Sl. No	Parameter	Unit	05.06.2026	25.06.2026
1	Temperature	°c	30.3	32.4
2	pH		6.72	6.68
3	Conductivity	µS/cm	105.90	72.76
4	TDS	NTU	61.29	42.11
5	Turbidity	mg/L	*	*
6	Colour	"	20	20
7	SS	"	0.82	1.28
8	Chlorides	"	10.92	12.91
9	Hardness	"	30	19
10	D.O.	"	3.4	4.1
11	COD	"	2.84	4.12
12	Calcium	"	7.2	3.6
13	Magnesium	"	2.916	2.43
14	Ammoniacal Nitrogen	"	BDL	BDL
15	Free Ammonia	"	BDL	BDL
16	Phosphates		0.165	0.113
17	Hexa Chromium	"	0.051	0.048
18	Oil & Grease	"	0.68	2.4
19	Iron	"	0.574	0.855
20	Sulphides	"	BDL	BDL
21	Sulphates	"	10.313	5.625
23	Nitrate	"	4.964	0.86
22	Total Alkalinity	"	28	20
24	BOD	"	0.3	2.8
25	TC	"	1840	420
26	FC	"	200	280
27	FS	"	200	720
28	Sodium	ppm	0	0
29	Potassium	ppm	0.61	0.44
30	SAR	meq/L	0	0

* TURBIDITY METER IS OUT OF ORDER

KERALA STATE POLLUTION CONTROL BOARD
ENVIRONMENTAL SURVEILLANCE CENTRE, ELOOR
ANALYSIS REPORT OF RIVER PERIYAR -JUNE 2026
Sampling point: PATHALAM BUND U/S

Sl. No	Parameter	Unit	05.06.2026	25.06.2026
1	Temperature	°c	B	32.2
2	pH		U	7.1
3	Conductivity	µS/cm	N	177.7
4	TDS	NTU	D	102.85
5	Turbidity	mg/L		*
6	Colour	"	O	20
7	SS	"	P	0.64
8	Chlorides	"	E	41
9	Hardness	"	N	35
10	D.O.	"		4.7
11	COD	"		4.68
12	Calcium	"		11.2
13	Magnesium	"		1.701
14	Ammoniacal Nitrogen	"		BDL
15	Free Ammonia	"		BDL
16	Phosphates			0.155
17	Hexa Chromium	"		0.045
18	Oil & Grease	"		1.24
19	Iron	"		0.639
20	Sulphides	"		BDL
21	Sulphates	"		7.969
23	Nitrate	"		0.842
22	Total Alkalinity	"		20
24	BOD	"		1.6
25	TC	"		1100
26	FC	"		160
27	FS	"		200
28	Sodium	ppm		0.95
29	Potassium	ppm		0.43
30	SAR	meq/L		0.069

* TURBIDITY METER IS OUT OF ORDER

KERALA STATE POLLUTION CONTROL BOARD
ENVIRONMENTAL SURVEILLANCE CENTRE, ELOOR
ANALYSIS REPORT OF RIVER PERIYAR -JUNE 2026
Sampling point: PATHALAM BUND D/S

Sl. No	Parameter	Unit	05.06.2026	25.06.2026
1	Temperature	°c	30.6	32.1
2	pH		6.87	7.16
3	Conductivity	µS/cm	205.70	65.62
4	TDS	NTU	119.06	37.98
5	Turbidity	mg/L	*	*
6	Colour	"	20	20
7	SS	"	2.04	1.28
8	Chlorides	"	44.68	11.91
9	Hardness	"	22	17
10	D.O.	"	4.1	4.9
11	COD	"	8.24	2.08
12	Calcium	"	3.6	4
13	Magnesium	"	3.159	1.701
14	Ammoniacal Nitrogen	"	BDL	BDL
15	Free Ammonia	"	BDL	BDL
16	Phosphates		0.16	0.16
17	Hexa Chromium	"	0.05	0.063
18	Oil & Grease	"	2.24	0.92
19	Iron	"	0.653	0.724
20	Sulphides	"	BDL	BDL
21	Sulphates	"	10.938	5.469
23	Nitrate	"	1.559	0.699
22	Total Alkalinity	"	26	16
24	BOD	"	0.3	2.5
25	TC	"	2000	1120
26	FC	"	220	180
27	FS	"	100	20
28	Sodium	ppm	1.5	0
29	Potassium	ppm	0.57	0.43
30	SAR	meq/L	0.138	0

* TURBIDITY METER IS OUT OF ORDER

KERALA STATE POLLUTION CONTROL BOARD
ENVIRONMENTAL SURVEILLANCE CENTRE, ELOOR
ANALYSIS REPORT OF RIVER PERIYAR -JUNE 2026
Sampling point: MANJUMMAL BUND

Sl. No	Parameter	Unit	05.06.2026	25.06.2026
1	Temperature	°c	30.4	32
2	pH		6.85	7
3	Conductivity	µS/cm	83.91	57.1
4	TDS	NTU	48.57	33.05
5	Turbidity	mg/L	*	*
6	Colour	"	20	20
7	SS	"	0.66	2
8	Chlorides	"	10.92	8.94
9	Hardness	"	22	16
10	D.O.	"	3.9	3.7
11	COD	"	4.16	2.38
12	Calcium	"	5.6	2
13	Magnesium	"	1.944	2.673
14	Ammoniacal Nitrogen	"	BDL	BDL
15	Free Ammonia	"	BDL	BDL
16	Phosphates		0.165	0.174
17	Hexa Chromium	"	0.051	0.045
18	Oil & Grease	"	1.26	1.26
19	Iron	"	0.813	0.546
20	Sulphides	"	BDL	BDL
21	Sulphates	"	9.688	4.688
23	Nitrate	"	1.433	0.878
22	Total Alkalinity	"	28	22
24	BOD	"	1.8	1.6
25	TC	"	640	420
26	FC	"	500	340
27	FS	"	240	620
28	Sodium	ppm	0	0
29	Potassium	ppm	0.61	0.45
30	SAR	meq/L	0	0

* TURBIDITY METER IS OUT OF ORDER

KERALA STATE POLLUTION CONTROL BOARD
ENVIRONMENTAL SURVEILLANCE CENTRE, ELOOR

ANALYSIS REPORT OF RIVER PERIYAR -JUNE 2026

Sampling point: ALUVA - MANAPPURAM

Sl. No	Parameter	Unit	05.06.2026	25.06.2026
1	Temperature	°c	30.5	32.1
2	pH		6.8	7.1
3	Conductivity	µS/cm	67.85	73.01
4	TDS	NTU	39.27	42.26
5	Turbidity	mg/L	*	*
6	Colour	"	20	20
7	SS	"	0.92	2.06
8	Chlorides	"	7.94	11.91
9	Hardness	"	20	20
10	D.O.	"	4.6	4.03
11	COD	"	2.12	4
12	Calcium	"	3.2	4.4
13	Magnesium	"	2.916	2.187
14	Ammoniacal Nitrogen	"	BDL	BDL
15	Free Ammonia	"	BDL	BDL
16	Phosphates		0.198	0.217
17	Hexa Chromium	"	0.061	0.045
18	Oil & Grease	"	2	2.4
19	Iron	"	0.827	0.869
20	Sulphides	"	BDL	BDL
21	Sulphates	"	7.031	6.563
22	Total Alkalinity	"	24	24
23	Nitrate	"	1.452	0.842
24	BOD	"	1.5	1.17
25	TC	"	600	860
26	FC	"	400	100
27	FS	"	500	220
28	Sodium	ppm	0	0
29	Potassium	ppm	0.61	0.45
30	SAR	meq/L	0	0

* TURBIDITY METER IS OUT OF ORDER

POLLUTED RIVER STRETCH MONITORING PROGRAM (JUNE 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	09-06-2026
Sampling Time	11.25 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	Rainy
Approxdepth (m)	Greater than 100 cm
Floating Matter	Yes (Water Hyacinth)
Colour	Clear
Odour	None
Flow (In MLD)	
Temperature (°C)	25
Dissolved O2 (mg/L)	2.2
pH	7.2
Conductivity (µmho/Cm)	184
BOD (mg/L)	3.8
Nitrate - N (mg/L)	0.8
Total Coliform (MPN/100ml)	40000
Fecal Coliform (MPN/100ml)	11200
Fecal Streptococci (MPN/100ml)	3840
Turbidity (NTU)	0 (BDL)
Phenolphthalein Alkalinity (mg/L)	0 (BDL)
Total Alkalinity (mg/L)	84
Chlorides (mg/L)	18
Ammonical N (mg/L)	2.1
Total Hardness (mg/L)	108
Ca as CaCo3 (mg/L)	102
Mg as CaCo3 (mg/L)	6
Sulphate (mg/L)	24
Ca++ (mg/L)	40.88
Mg++ (mg/L)	1.458
Sodium (mg/L)	12
Total Dissolved Solids (mg/L)	166
Total Phosphate (mg/L)	0.14
Boron (mg/L)	0 (BDL)
Potassium (mg/L)	1 (BDL)
Sodium Percentage (%)	19.3
SAR	0.50

POLLUTED RIVER STRETCH MONITORING PROGRAM (JUNE 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	09-06-2026
Sampling Time	12.00 PM
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	Rainy
Approxdepth (m)	Greater than 100 cm
Floating Matter	Yes(Water Hyacinth)
Colour	Clear
Odour	None
Flow (In MLD)	
Temperature (°C)	26
Dissolved O2 (mg/L)	6.4
pH	7.4
Conductivity (µmho/Cm)	137
BOD (mg/L)	3.2
Nitrate - N (mg/L)	0.1
Total Coliform (MPN/100ml)	12000
Fecal Coliform (MPN/100ml)	3200
Fecal Streptococci (MPN/100ml)	760
Turbidity (NTU)	0 (BDL)
Phenolphthalein Alkalinity (mg/L)	0 (BDL)
Total Alkalinity (mg/L)	50
Chlorides (mg/L)	18
Ammonical N (mg/L)	1.9
Total Hardness (mg/L)	48
Ca as CaCo3 (mg/L)	38
Mg as CaCo3 (mg/L)	10
Sulphate (mg/L)	7
Ca++ (mg/L)	15.23
Mg++ (mg/L)	2.43
Sodium (mg/L)	10
Total Dissolved Solids (mg/L)	80
Total Phosphate (mg/L)	0.05
Boron (mg/L)	0 (BDL)
Potassium (mg/L)	1 (BDL)
Sodium Percentage (%)	30.6
SAR	0.63

POLLUTED RIVER STRETCH MONITORING PROGRAM (JUNE 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	09-06-2026
Sampling Time	02.00 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	Rainy
Approxdepth (m)	Greater than 100 cm
Floating Matter	Yes(Water Hyacinth)
Colour	Light green
Odour	None
Flow (In MLD)	
Temperature (°C)	28
Dissolved O2 (mg/L)	4.3
pH	8.2
Conductivity (µmho/Cm)	1504
BOD (mg/L)	3.5
Nitrate - N (mg/L)	0.1
Total Coliform (MPN/100ml)	22000
Fecal Coliform (MPN/100ml)	2100
Fecal Streptococci (MPN/100ml)	760
Turbidity (NTU)	0 (BDL)
Phenolphthalein Alkalinity (mg/L)	0 (BDL)
Total Alkalinity (mg/L)	528
Chlorides (mg/L)	281
Ammonical N (mg/L)	2.3
Total Hardness (mg/L)	430
Ca as CaCo3 (mg/L)	232
Mg as CaCo3 (mg/L)	198
Sulphate (mg/L)	88
Ca++ (mg/L)	92.99
Mg++ (mg/L)	48.114
Sodium (mg/L)	90
Total Dissolved Solids (mg/L)	840
Total Phosphate (mg/L)	0.06
Boron (mg/L)	0 (BDL)
Potassium (mg/L)	1
Sodium Percentage (%)	31.2
SAR	1.89

POLLUTED RIVER STRETCH MONITORING PROGRAM (JUNE 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	09-06-2026
Sampling Time	01.05 PM
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	Rainy
Approxdepth (m)	Greater than 100 cm
Floating Matter	Yes (Plastic waste,Water Hyacinth)
Colour	Clear
Odour	None
Flow (In MLD)	
Temperature (°C)	27
Dissolved O2 (mg/L)	2.8
pH	7.7
Conductivity (µmho/Cm)	535
BOD (mg/L)	1.9
Nitrate - N (mg/L)	0.1
Total Coliform (MPN/100ml)	25000
Fecal Coliform (MPN/100ml)	2500
Fecal Streptococci (MPN/100ml)	560
Turbidity (NTU)	0 (BDL)
Phenolphthalein Alkalinity (mg/L)	0 (BDL)
Total Alkalinity (mg/L)	192
Chlorides (mg/L)	72
Ammonical N (mg/L)	2.4
Total Hardness (mg/L)	170
Ca as CaCo3 (mg/L)	146
Mg as CaCo3 (mg/L)	24
Sulphate (mg/L)	15
Ca++ (mg/L)	58.52
Mg++ (mg/L)	5.83
Sodium (mg/L)	37
Total Dissolved Solids (mg/L)	293
Total Phosphate (mg/L)	0.06
Boron (mg/L)	0 (BDL)
Potassium (mg/L)	1
Sodium Percentage (%)	32
SAR	1.24

POLLUTED RIVER STRETCH MONITORING PROGRAM (JUNE 2026)

STN Code	2326
District	Palakkad
Monitoring Agency	Kerala SPCB
Waterbody Type	TRIBUTARY
Waterbody Name	Korayar
Sampling Date	09-06-2026
Sampling Time	01.20
Monitoring Location	Kanjikode
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, Cultivation, Fishing, Cattie Wading, Others
Major Polluting Sources	None
Visible Effluent Discharge	None
Weather	Raining
Approxdepth (m)	Greater than 100 cm
Floating Matter	No
Colour	Clear
Odour	None
Flow (In MLD)	
Temperature (°C)	27
Dissolved O2 (mg/L)	7.6
pH	7.5
Conductivity (µmho/Cm)	435
BOD (mg/L)	2.9
Nitrate - N (mg/L)	0.1 (BDL)
Total Coliform (MPN/100ml)	72000
Fecal Coliform (MPN/100ml)	4300
Fecal Streptococci (MPN/100ml)	2040
Turbidity (NTU)	0 (BDL)
Phenolphthalein Alkalinity (mg/L)	0 (BDL)
Total Alkalinity (mg/L)	140
Chlorides (mg/L)	47
COD (mg/L)	25
Total Kjeldahl Nitrogen (mg/L)	1.5 (BDL)
Ammonical N (mg/L)	2.2
Total Hardness (mg/L)	126
Ca as CaCo3 (mg/L)	114
Mg as CaCo3 (mg/L)	12
Sulphate (mg/L)	30
Ca++ (mg/L)	45.69
Mg++ (mg/L)	2.916
Sodium (mg/L)	30
Total Dissolved Solids (mg/L)	211
Total Fixed Solids (mg/L)	125
Total Suspended Solids (mg/L)	10 (BDL)
Total Phosphate (mg/L)	0.07 (BDL)
Boron (mg/L)	0 (BDL)
Potassium (mg/L)	1 (BDL)
Fluoride (mg/L)	0.1 (BDL)
Sodium Percentage (%)	33.9
SAR	1.17
Measured TDS (mg/L)	242
Ion Balance ((Total Cations)-(Total Anions) / (Total Cations)+(Total Anions))	-0.05 (True)
Ion Balance ((Na+,meq/L) / (Cl-,meq/L))	1.0 (True)
EC Balance (TDS,mg/L) / (EC,µmho/cm)	0.56 (True)
Carbon Balance (COD,mg/L) / (BOD,mg/L)	8.62 (True)
CO-3 balance (pH < 8.3)	True
Class	D

POLLUTED RIVER STRETCH MONITORING PROGRAM (JUNE 2026)

STN Code	3460
District	Palakkad
Monitoring Agency	Kerala SPCB
Waterbody Type	TRIBUTARY
Waterbody Name	Kalpathy Puzha
Sampling Date	09-06-2026
Sampling Time	11.40
Monitoring Location	Kalpathy
Location Details	PILGRIM CENTER/BATHING GHAT/WATER INTAKE
Use of Water in Down Stream	Irrigation, Bathing Ghat, Drinking Water Source
Human Activities around the Station	Bathing, Washing, Cattie Wading, Others
Major Polluting Sources	Municipal Solid Waste
Visible Effluent Discharge	Municipal sewage
Weather	Raining
Approxdepth (m)	Greater than 100 cm
Floating Matter	Yes
Colour	Clear
Odour	None
Flow (In MLD)	
Temperature (°C)	26
Dissolved O2 (mg/L)	3.5
pH	7.4
Conductivity (µmho/Cm)	192
BOD (mg/L)	3.2
Nitrate - N (mg/L)	0.3 (BDL)
Total Coliform (MPN/100ml)	64000
Fecal Coliform (MPN/100ml)	8000
Fecal Streptococci (MPN/100ml)	1680
Turbidity (NTU)	0 (BDL)
Phenolphthalein Alkalinity (mg/L)	0 (BDL)
Total Alkalinity (mg/L)	86
Chlorides (mg/L)	20
COD (mg/L)	25
Total Kjeldahl Nitrogen (mg/L)	1.5 (BDL)
Ammonical N (mg/L)	1.9
Total Hardness (mg/L)	68
Ca as CaCo3 (mg/L)	60
Mg as CaCo3 (mg/L)	8
Sulphate (mg/L)	7.8
Ca++ (mg/L)	24.05
Mg++ (mg/L)	1.944
Sodium (mg/L)	10
Total Dissolved Solids (mg/L)	108
Total Fixed Solids (mg/L)	65
Total Suspended Solids (mg/L)	10 (BDL)
Total Phosphate (mg/L)	0.06 (BDL)
Boron (mg/L)	0 (BDL)
Potassium (mg/L)	1 (BDL)
Fluoride (mg/L)	0.1 (BDL)
Sodium Percentage (%)	25.6
SAR	0.55
Measured TDS (mg/L)	110
Ion Balance ((Total Cations)-(Total Anions) / (Total Cations)+(Total Anions))	-0.08 (True)
Ion Balance ((Na+,meq/L) / (Cl-,meq/L))	0.8 (True)
EC Balance (TDS,mg/L) / (EC,µmho/cm)	0.57 (True)
Carbon Balance (COD,mg/L) / (BOD,mg/L)	7.81 (True)
CO-3 balance (pH < 8.3)	True
Class	E

**ANALYSIS REPORT OF POLLUTED STRETCH POINTS IN TIRUR RIVER –JUNE
2026**

SI NO	Name of point	PARAMETERS				
		pH	DO (mg/l)	BOD (mg/l)	COD (mg/)	FC (cfu/100ml)
1	Drain near Tirur Railway station	7.7	3.4	1.4	8.5	20
2	Thazhepalam drain	6.8	3.1	1.2	10.8	180
3	Naduvilangadi drain (old ponnani thodu)	Dried				
4	Annassery drain	Dried				
5	Canal at CV Land	Dried				
6	Canal at Mangalam thuruth	7.1	3.3	1.5	8.8	60
7	Canal at Pullooni	7.8	3.8	0.8	8.4	20
8	Drain near Mangattiri bridge	Dried				
9	Drain near Ettirikkadavu bridge	7.5	3.0	2.2	9.2	20
10	Epothingal	8.5	3.5	1.5	8.2	60
11	Asarikkadav	Dried				
12	Kandanathkadav	Dried				
13	Pancharamoola	Dried				
14	Kakadav	7.7	4.2	1.4	8.6	200
15	Kanathkadav	7.7	3.7	1.8	10.4	40
16	Drain near tirur railway station	Dried				
17	Payyanangadi (kadayithodu)	Dried				
18	Thalakkadathur	6.9	4.2	2.6	120	360
19	Naduvilangadi	7.5	3.6	1.8	48	760


ASSISTANT SCIENTIST

**ANALYSIS REPORT OF POLLUTED STRETCH POINTS IN KADALUNDY RIVER –
JUNE 2026**

Sl.No	Name of point	PARAMETERS				
		pH	DO (mg/l)	BOD (mg/l)	COD (mg/l)	FC (cfu/100 ml)
1	Valiyangadi drain	6.6	6.5	2.4	6.2	60
2	Valiyangadi bypass drain	DRIED				
3	Valiyathod drain	6.9	7.1	2.6	6.4	80
4	Hajiyarpally	6.9	7.1	2.6	32	120
5	Tirurangadi	6.9	6.1	1.7	24	60



ASSISTANT SCIENTIST



KERALA STATE POLLUTION CONTROL BOARD

കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്

കോഴിക്കോട് റീജ്യണൽ ഓഫീസ്
REGIONAL OFFICE, KOZHIKODE



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

ANALYSIS REPORT OF RIVER WATER

Report No.	K R O S 6 0 8 3 / 1 to 5	Date:	0 2 0 7 2 0 2 6					
Date of Sample Collection	0 6 0 6 2 0 2 6	Date of receipt of the sample	0 8 0 6 2 0 2 6					
		Time	Hours: 0 4 : 0 0 PM					
Sampled by:	DO ,KKD	Sample ID	KL1, KL2, KL3, KL5,& KL6					
Sampling Method	APHA1060B,a	Sample Lab Code	KROS :6083/1-5					
Sample container	PC 2.5 L	Ref.letter No.	PCB/KKD/DO/ Polluted River Stretch/2018 Vol. IV, Dated 08.06.2026					
Source:	KALLAI RIVER WATER	Received from:	EE,DO,KKD					
		Period of analysis:	08.06.2026-02.07.2026					
Specific sampling location:	KALLAI POLLUTED RIVER STRETCH	No. of samples	5					
		Analysed by:	SNS/NSS/PVH/NM/SK					
Sample preservation:	Ice box	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	7.3	7.03	7.58	7.65	8.04
2	CONDUCTIVITY	µmhos /cm	APHA 2510B	160.4	227	281	2170	5410
3	BOD	mg/L	IS3025 (Part 44)	3.13	1.93	1.33	2.13	2.13
4	DISSOLVED OXYGEN	mg/L	APHA 4500-O,C	3.7	2.8	4.3	3.5	4.3
5	TOTAL COLIFORM,	CFU/100ml	APHA 9222B	22000	20000	24000	26000	20000
6	FECAL COLIFORM	CFU/100ml	APHA 9222D	14000	16000	12000	14000	11000
7	FECAL STREPTOCOCCUS	CFU/100ml	APHA 9230 C	2700	1800	2200	3200	3900
8	TEMPERATURE	°C	APHA 2550B	26	26	26	26	26

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

ASHNA. N.K
Assistant Scientist

UPPALA AR JUNE 2026

STN Code	State	District	River Basin	Monitoring Location	Location Details	Use of Water in Down Stream	Human Activities around the Station	Use Based Class	Weather
2306	Kerala	Kasaragod	Uppala	Uppala Bridge	D/S of town or industrial area	Irrigation, Cultivation, Fishing	Washing, Cultivation, Fishing	C-Drinking water source after conventional treatment and disinfection	Clear

Approxdepth (m)	Colour	Temperature (°C)	Dissolved O2 (mg/L)	pH	Conductivity (µmho/Cm)	BOD (mg/L)	Nitrate - N (mg/L)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)
Greater than 100 cm	Clear	29	5.3	6.5	1918	0.7 (BDL)	0.8	190	10

Fecal Streptococci (MPN/100ml)	Total Alkalinity (mg/L)	Chlorides (mg/L)	COD (mg/L)	Total Kjeldahl Nitrogen (mg/L)	Ammonical N (mg/L)	Total Hardness (mg/L)	Ca as CaCo3 (mg/L)	Mg as CaCo3 (mg/L)	Sulphate (mg/L)
180	26	850	2.8 (BDL)	1.5 (BDL)	0.1 (BDL)	600	300	300	111

Ca++ (mg/L)	Mg++ (mg/L)	Sodium (mg/L)	Total Dissolved Solids (mg/L)	Total Fixed Solids (mg/L)	Total Suspended Solids (mg/L)	Total Phosphate (mg/L)	Boron (mg/L)	Potassium (mg/L)	Fluoride (mg/L)
120.24	72.9	439	1531	1251	139	0.071 (BDL)	0.45 (BDL)	30	0.04 (BDL)

Sodium Percentage (%)	SAR	Any Other General Parameters	DL Verification	Measured TDS (mg/L)	Ion Balance ((Total Cations)-(Total Anions) / (Total Cations)+(Total Anions))	Ion Balance ((Na+,meq/L) / (Cl-,meq/L))	EC Balance (TDS,mg/L) / (EC,µmho/cm)	Carbon Balance (COD,mg/L) / (BOD,mg/L)	CO-3 balance (pH < 8.3)
59.9	7.79		true	1538	0.09 (True)	0.8 (True)	0.80 (True)	4.00 (True)	True

Class
B

PULLUR AR JUNE 2026

STN Code	State	District	River Basin	Monitoring Location	Location Details	Use of Water in Down Stream	Human Activities around the Station	Use Based Class	Major Polluting Sources
2303	Kerala	Kasaragod	Pullur	Pullur Bridge	D/S of town or industrial area	Irrigation, Cultivation, Fishing	Cultivation, Fishing	C-Drinking water source after conventional treatment and disinfection	None

Visible Effluent Discharge	Weather	Approxdepth (m)	Floating Matter	Colour	Odour	Flow (In MLD)	Temperature (°C)	Dissolved O2 (mg/L)	pH
None	Clear	Less than 50 cm	No	Clear	None		28	6.4	6

Conductivity (µmho/Cm)	BOD (mg/L)	Nitrate - N (mg/L)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	Fecal Streptococci (MPN/100ml)	Total Alkalinity (mg/L)	Chlorides (mg/L)	COD (mg/L)	Total Kjeldahl Nitrogen (mg/L)
232	1.3	0.3 (BDL)	510	60	10	26.0 (BDL)	24	5.2	1.5 (BDL)

Ammonical N (mg/L)	Total Hardness (mg/L)	Ca as CaCo3 (mg/L)	Mg as CaCo3 (mg/L)	Sulphate (mg/L)	Ca++ (mg/L)	Mg++ (mg/L)	Sodium (mg/L)	Total Dissolved Solids (mg/L)	Total Fixed Solids (mg/L)
0.1 (BDL)	25	23	2.0 (BDL)	1.5 (BDL)	9.22	0.486	14.6	67	118

Total Suspended Solids (mg/L)	Total Phosphate (mg/L)	Boron (mg/L)	Potassium (mg/L)	Fluoride (mg/L)	Sodium Percentage (%)	SAR	Any Other General Parameters	DL Verification	Measured TDS (mg/L)
99	0.024 (BDL)	0.01 (BDL)	0.7 (BDL)	0.83	55.1	1.27		true	148

Ion Balance ((Total Cations)-(Total Anions) / (Total Cations)+(Total Anions))	Ion Balance ((Na+,meq/L) / (Cl-, meq/L))	EC Balance (TDS,mg/L) / (EC,µmho/cm)	Carbon Balance (COD,mg/L) / (BOD,mg/L)	CO-3 balance (pH < 8.3)	Class
-0.00 (True)	0.9 (True)	0.64 (True)	4.00 (True)	True	C