

KSPCB - SWMP DATA FOR THE MONTH OF MARCH 2024

Station code	Date& Time of Sample	Type of water body	Name of water body	District	Agency	Colour	Flow rate	Odour	Visible Discharge
Agricultural College(K-116)	13.03.2024,8.10am	Lake	Vellayani	Thiruvananthapuram	KSPCB	CLEAR, 1=Light		None	None
Vandithadam,(L-3470)	13.03.2024,8.25am	Lake	Vellayani	Thiruvananthapuram	KSPCB	CLEAR, 1=Light		None	None
Kakkamoola(R), (K-113)	13.03.2024,8.40am	Lake	Vellayani	Thiruvananthapuram	KSPCB	CLEAR, 1=Light		None	None
Kakkamoola(L), (K-112)	13.03.2024,8.45am	Lake	Vellayani	Thiruvananthapuram	KSPCB	CLEAR, 2=Light		None	None
Vawamoola(R), (K-115)	13.03.2024,9.00am	Lake	Vellayani	Thiruvananthapuram	KSPCB	CLEAR, 1=Light		None	None
Vawamoola (L), (K-114)	13.03.2024,9.11am	Lake	Vellayani	Thiruvananthapuram	KSPCB	CLEAR, 1=Light		None	None
Peppara (R-5196/K1)	16.03.2024,8.10am	River	Karamana	Thiruvananthapuram	KSPCB	CLEAR, 1=Light		None	None
Aruvikkara, (R-3471)	16.03.2024,8.20am	River	Karamana	Thiruvananthapuram	KSPCB	CLEAR, 1=Light		None	None
Mangatukadavu, (K-2)	16.03.2024,8.45am	River	Karamana	Thiruvananthapuram	KSPCB	CLEAR, 1=Light		None	None
Pallathukadavu, (K-3)	12.03.2024,8.20am	River	Karamana	Thiruvananthapuram	KSPCB	CLEAR, 1=Light		None	None
Thiruvallom, (R-5195)	12.03.2024,8.40am	River	Karamana	Thiruvananthapuram	KSPCB	CLEAR, 1=Light		None	Municipal sewage
Moonnattumukku, (R-1155)	12.03.2024,9.10am	River	Karamana	Thiruvananthapuram	KSPCB	CLEAR, 1=Light		None	Municipal sewage
K-10 ARUVAPULAM	13.03.2024	River	ACHENCOVIL	Pathanamthitta	KSPCB	CLEAR,1=LIGHT		NONE	NONE
K-11 KONNI	13.03.2024	River	ACHENCOVIL	Pathanamthitta	KSPCB	CLEAR,1=LIGHT		NONE	NONE
K-12 KUMBAZHA	13.03.2024	River	ACHENCOVIL	Pathanamthitta	KSPCB	CLEAR,1=LIGHT		NONE	NONE
K-13 PALLIPAD	19.03.2024	River	ACHENCOVIL	Alappuzha	KSPCB	CLEAR,1=LIGHT		NONE	NONE
3466-PANDALAM	13.03.2024	River	ACHENCOVIL	Pathanamthitta	KSPCB	CLEAR,1=LIGHT		NONE	NONE
K-117 AMBALAKKADAVU	1.03.2024	Lake	SASTHAMCOTTA	Kollam	KSPCB	CLEAR,1=LIGHT		NONE	NONE
K-118 KWA PUMP HOUSE	1.03.2024	Lake	SASTHAMCOTTA	Kollam	KSPCB	CLEAR		NONE	NONE
K-119 KOTTAKKUZHY	1.03.2024	Lake	SASTHAMCOTTA	Kollam	KSPCB	CLEAR		NONE	NONE
K-120 VILANTHARA	1.03.2024	Lake	SASTHAMCOTTA	Kollam	KSPCB	CLEAR		NONE	NONE
K-122 VATTOLIKKADAV	1.03.2024	Lake	SASTHAMCOTTA	Kollam	KSPCB	CLEAR		NONE	NONE
K-121 POTTAKANNAN MUKKU	1.03.2024	Lake	SASTHAMCOTTA	Kollam	KSPCB	CLEAR		NONE	NONE
1385-SASTHAMKOTTA	1.03.2024	Lake	SASTHAMCOTTA	Kollam	KSPCB	CLEAR		NONE	NONE
K5- KOTTUVAMUKKU	07.03.2024	River	ITHIKKARA	Kollam	KSPCB	CLEAR		NONE	NONE
1564-AYOOR	07.03.2024	River	ITHIKKARA	Kollam	KSPCB	CLEAR		NONE	NONE
K6-VELINALLOR	07.03.2024	River	ITHIKKARA	Kollam	KSPCB	CLEAR		NONE	NONE
2287-ITHIKKARA	07.03.2024	River	ITHIKKARA	Kollam	KSPCB	TURBID		NONE	Municipal sewage
K-7 UPPUKADAVU	07.03.2024	River	ITHIKKARA	Kollam	KSPCB	CLEAR		FISHY	NONE
K-14 URUKUNNU	19.03.2024	River	KALLADA	Kollam	KSPCB	TURBID		NONE	NONE
K-15 PUNALUR	19.03.2024	River	KALLADA	Kollam	KSPCB	TURBID		NONE	NONE
K-16 PATHANAPURAM	19.03.2024	River	KALLADA	Kollam	KSPCB	TURBID		NONE	NONE
K-17 ENATH	19.03.2024	River	KALLADA	Kollam	KSPCB	CLEAR		NONE	NONE
K-18 KANNAMKOTTU KADAVU	19.03.2024	River	KALLADA	Kollam	KSPCB	GREEN		NONE	NONE
0042 PERUMTHOTTAKADAVU	19.03.2024	River	KALLADA	Kollam	KSPCB	TURBID		FISHY	NONE
K-8 ADOOR	19.03.2024	River	PALLICKAL	Kollam	KSPCB	CLEAR		NONE	NONE
2288-NELLIMUGHAL	19.03.2024	River	PALLICKAL	Kollam	KSPCB	CLEAR		NONE	NONE
K-9 THODIYUR	19.03.2024	River	PALLICKAL	Kollam	KSPCB	CLEAR		NONE	NONE
K-153 POORORKKARA	1.03.2024	Lake	VATTAKKAYAL	Kollam	KSPCB	TURBID,3=HIGH		NONE	NONE
K19- KOCHUPAMBA	16-03-2024, 3.00 PM	River	PAMBA	Pathanamthitta	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE

Station code	Human activity around the station	Location details	Major Polluting sources	Use of Water in Down stream	Temperature oC	Dissolved Oxygen,mg/ L
Agricultural College(K-116)	Other	None	None	Irrigation	29	6.7
Vandithadam,(L-3470)	Cattle wading, Tourism Spot, Fishing, Bathing	None	None	Irrigation, Drinking water, Fishing, Domestic, Cultivation	29	7.5
Kakkamoola(R), (K-113)	Tourism Spot, Fishing	None	None	Irrigation	29	7.2
Kakkamoola(L), (K-112)	Tourism Spot, Fishing	None	None	Irrigation, Fishing	29	7.3
Vawamoola(R), (K-115)	Fishing	None	None	Irrigation, Fishing	29	6.9
Vawamoola (L), (K-114)	Fishing	None	None	Irrigation, Fishing	29	6.8
Peppara (R-5196/K1)	Tourism Spot	Water Intake	None	Irrigation, Drinking water, Organised water source, Cultivation	29	7.7
Aruvikkara, (R-3471)	Tourism Spot	Pilgrim Centre/Bathing ghat/Water Intake	None	Irrigation, Drinking water, Fishing, Cultivation, Bathing ghat	29	7.7
Mangatukadavu, (K-2)	Bathing	Pilgrim Centre/Bathing ghat/Water Intake	None	Bathing Ghat, Irrigation	29	7.6
Pallathukadavu, (K-3)	Bathing, Fishing , Tourism Spot	None	Other	Fishing, Bathing Ghat	30	3.3
Thiruvallom, (R-5195)	Fishing	D/S of town, Pilgrim Centre/Bathing	MSW, PW	Fishing, Bathing Ghat, Cultivation	30	0.8
Moonnattumukku, (R-1155)	Other	D/ S of Town , Industrial Area	MSW, PW	Others	30	0.2
K-10 ARUVAPULAM	BATHING	U/S OF TOWN	NONE	BATHING	28	6.13
K-11 KONNI	BATHING	U/S OF TOWN	NONE	BATHING	28	6.6
K-12 KUMBAZHA	BATHING	U/S OF TOWN	NONE	BATHING	29	5.73
K-13 PALLIPAD	FISHING,BATHING	U/S OF TOWN	NONE	FISHING,BATHING	28	6.2
3466-PANDALAM	BATHING,FISHING,TOURISM SPOT,	U/S OF TOWN	NONE	BATHING,FISHING,TOURISM SPOT,CATTLE	28	6.13
K-117 AMBALAKKADAVU	PILGRIM CENTRE/BATHING	U/S OF TOWN	NONE	OTHER	27	7
K-118 KWA PUMP HOUSE		D/S OF TOWN	NONE	IRRIGATION	28.9	7.06
K-119 KOTTAKKUZHY	BATHING	D/S OF TOWN	NONE	BATHING	28	6.13
K-120 VILANTHARA	BATHING	D/S OF TOWN	NONE	DOMESTIC	28	7.53
K-122 VATTOLIKKADAV	FISHING,BATHING	D/S OF TOWN	NONE	FISHING,BATHING	27	7.66
K-121 POTTAKKANNAN MUKKU	BATHING	D/S OF TOWN	NONE	BATHING	29	6.1
1385-SASTHAMKOTTA		D/S OF TOWN	NONE		28.9	7.06
K5- KOTTUVAMUKKU	CATTLE,BATHING	D/S OF TOWN	NONE	CULTIVATION	28	7.46
1564-AYOOR	BATHING	D/S OF TOWN	OTHER	BATHING	27.8	6.47
K6-VELINALLOR	BATHING	D/S OF TOWN	NONE	PILGRIM CENTRE/BATHING	28	6.53
2287-ITHIKKARA	FISHING	D/S OF TOWN	NONE		28.5	6.47
K-7 UPPUKADAVU	BATHING	D/S OF TOWN	OTHER		29	6.4
K-14 URUKUNNU		U/S OF TOWN	NONE	FISHING	29	6.13
K-15 PUNALUR	BATHING	U/S OF TOWN	MSW	BATHING	28	6.87
K-16 PATHANAPURAM	BATHING	U/S OF TOWN	NONE	BATHING	29	6.93
K-17 ENATH	BATHING	D/S OF TOWN	NONE		29	6.47
K-18 KANNAMKOTTU KADAVU	BATHING	D/S OF TOWN	NONE	BATHING	28	6.07
0042 PERUMTHOTTAKADAVU	BATHING		NONE		28.1	7.2
K-8 ADOOR	BATHING	D/S OF TOWN	NONE	BATHING	29	6.33
2288-NELLIMUGHAL	BATHING	D/S OF TOWN	NONE	BATHING	27.8	7.9
K-9 THODIYUR	BATHING	D/S OF TOWN	NONE	BATHING	28	7.2
K-153 POORORKKARA	BATHING	D/S OF TOWN	INDUSTRIAL	BATHING	28	1.2
K19- KOCHUPAMBA	TOURISM SPOT	Pilgrim centre, bathing Ghat, water intake	OTHER	Domestic, Others	28	7.2

Station code	pH	Conductivity, umhos/cm	BOD mg/L	Nitrate-N,mg/L	Turbidity,NTU	Total Alkalinity ,mg/L	Chloride ,mg/L	Ammoniacal-N,mg/L	Hardness as CaCO ₃ ,mg/L	Calcium as CaCO ₃ ,mg /L	Magnesium as Ca CO ₃ ,mg/L	Sulphate, mg/L	Sodium,mg/L	Total Dissolved Solids,mg/l	Phosphate,mg/L	Boron, mg/L	Potassium,mg/L
Agricultural College(K-116)	6.3	210	1.9	BDL	5.6	35	38	BDL	40	26	14	BDL	20	116	0.0045	0	6
Vandithadam,(L-3470)	6.4	215	1.8	BDL	6.2	42	40	BDL	48	32	16	BDL	24.2	118	0.0064	0	6.4
Kakkamoola(R), (K-113)	6.5	178	1.9	BDL	6	36	36	BDL	24	18	6	BDL	23	99	0.0109	0	5.6
Kakkamoola(L), (K-112)	6.5	175	2.1	BDL	5.6	38	36	BDL	36	20	16	BDL	24.5	111	0.0091	0	6.4
Vavamoola(R), (K-115)	6.4	175	2.1	BDL	6.2	32	45	BDL	40	28	12	BDL	24.1	112	0.055	0	5.7
Vavamoola(L), (K-114)	6.5	177	2.3	BDL	5.3	32	36	BDL	32	24	8	BDL	23.7	101	0.0119	0	5.7
Peppara (R-5196/K1)	6	36	0.6	BDL	0.9	15	6	BDL	16	14	2	BDL	3.4	28	BDL	0	1
Aruvikkara, (R-3471)	6.1	72	0.5	BDL	1.6	20	16	BDL	24	8	16	BDL	8.6	50	BDL	0	2.5
Mangatukadavu, (K-2)	6.5	139	1.7	BDL	2.1	32	20	BDL	32	28	4	BDL	10.9	76	BDL	0	3.3
Pallathukadavu, (K-3)	6.9	3640	2.6	BDL	5.5	44	976	BDL	364	136	228	28.1	512	1992	0.0567	0	54.2
Thiruvallom, (R-5195)	6.9	2118	6.9	BDL	4.2	52	520	BDL	192	108	84	16	296	1189	0.3873	0	71.3
Moonnattumukku, (R-1155)	6.9	555	8.3	BDL	6.1	96	144	BDL	100	40	60	2.4	80	351	0.5081	0	26
K-10 ARUVAPULAM	6.9	53.6	2	3.1	3.9	13	20	NA	15	9	6	46.23	3.07	53.2	0.1785	NA	1.05
K-11 KONNI	6.6	47.5	2.8	2.4	3.4	12	19	NA	9	6	3	47.035	3.14	62	0.102	NA	1.06
K-12 KUMBAZHA	6.8	48.9	1.53	1.5	4.2	14	18	NA	16	9	7	46.69	3.25	58.7	0.0969	NA	1.07
K-13 PALLIPAD	6.7	47.9	1.87	1.9	2	13	20	NA	17	7	10	46.805	3.1	51.33	0.102	NA	1.03
3466-PANDALAM	6.5	216.3	1.9	2.8	0.8	13	20	NA	45	18	27	45.77	14	122	0.3417	NA	5
K-117 AMBALAKKADAVU	6.8	64.64	2.33	2.7	7.5	17	36	NA	12	7	5	30.82	2.1	62.09	0.2414	NA	0.31
K-118 KWA PUMP HOUSE	7.3	157	2.3	1.3	6.1	15	12	NA	52	15	37	24.16	6.25	87	0.2312	NA	0.21
K-119 KOTTAKKUZHY	6.3	60.45	2.93	2.5	7	18	34	NA	11	9	2	34.04	2.01	59.01	0.2142	NA	0.27
K-120 VILANTHARA	6.1	58.19	2.73	3.1	4.8	7	32	NA	12	7	5	43.01	1.92	48.7	0.221	NA	0.23
K-122 VATTOLIKKADAVU	7.3	63.21	2.53	0.5	2.5	10	32	NA	12	5	7	40.02	1.89	49.8	0.2125	NA	0.23
K-121 POTTAKANNAN MUKKU	6.4	87.76	2.3	2.2	4.5	11	35	NA	10	8	2	34.85	1.88	70.1	0.2295	NA	0.24
1385-SASTHAMKOTTA	7.3	157	2.3	1.3	6.1	15	12	NA	52	15	37	24.16	6.25	87	0.2312	NA	0.21
K5- KOTTUVAMUKKU	7.6	3720	2.2	1.8	BDL	22	5100	NA	750	520	230	79.81	375	1915	0.0952	NA	24
1564-AYOOR	7.4	1254	1.2	3.1	BDL	33	252.3	NA	364	200	164	125.3	131.3	690	0.0969	BDL	7.6
K6-VELINALLOR	7.5	4220	0.53	2.4	BDL	20	6100	NA	1300	800	500	79.005	653	4960	0.1037	NA	31
2287-ITHIKKARA	7.1	2590	1.06	4.1	BDL	22	806	NA	620	310	310	111.78	425	1748	0.1037	NA	0.72
K-7 UPPUKADAVU	7.8	3940	0.334	3.2	BDL	23	4400	NA	900	400	500	118.91	528	4509	0.0884	NA	24
K-14 URUKUNNU	7.2	103.3	3	4.1	BDL	15	25	NA	14	4	10	50.485	1.2	48.5	0.1037	NA	0.9
K-15 PUNALUR	7.6	61.9	1.87	3.8	BDL	15	20	NA	15	6	9	48.3	1.01	40.08	0.1105	NA	0.39
K-16 PATHANAPURAM	7.4	48.5	0.267	3.3	BDL	14	16	NA	8	6	2	47.955	1.21	38.11	0.1095	NA	0.48
K-17 ENATH	7.3	49	0.46	3.1	0.2	16	20	NA	11	9	2	47.38	1.82	41.85	0.1173	NA	0.9
K-18 KANNAMKOTTU KADAVU	7.5	11310	1.2	2.5	BDL	38	1700	NA	800	560	240	179.4	412	4832	0.2159	NA	22
0042 PERUMTHOTTAKADAVU	7.5	131.3	0.34	2.8	BDL	21	17	NA	57	20	37	25.08	9.23	107.4	0.1156	BDL	2.16
K-8 ADOOR	7.2	50.9	0.4	3.7	3.8	15	19	NA	15	12	3	48.415	1.89	48.23	0.1411	NA	0.88
2288-NELLIMUGHAL	7.4	320.7	1.87	5.8	3.1	13	48	NA	54	23	31	46.23	27.74	190.85	0.1326	NA	3.9
K-9 THODIYUR	6.8	64.2	0.5	5.6	3	16	27	NA	11	9	2	43.125	2.09	40.725	0.1139	NA	0.8
K-153 POORORKKARA	5.3	4574	6.3	NA	27.5	—	9300	NA	3460	750	2710	167.67	304	2547	0.2244	NA	17
K19- KOCHUPAMBA	6.1	46.92	0.8	BDL	1.1	10	12	BDL	30	24	6	BDL	4.2	36	BDL	BDL	0.166

Station code	Total Coliform,M PN/100ML	Fecal Coliform,M PN/100ML	Sodium Absorption Ration(SAR)
Agricultural College(K-116)	4000	2000	1.4
Vandithadam,(L-3470)	3800	2400	1.5
Kakkamoola(R), (K-113)	2900	1500	2
Kakkamoola(L), (K-112)	2200	1000	1.8
Vawamoola(R), (K-115)	2500	1200	1.7
Vawamoola (L), (K-114)	2800	1500	1.8
Peppara (R-5196/K1)	600	300	0.4
Aruvikkara, (R-3471)	900	500	0.8
Mangatukadavu, (K-2)	2200	1600	0.8
Pallathukadavu, (K-3)	10600	8000	1.7
Thiruvallom, (R-5195)	20800	12800	9.3
Moonnattumukku, (R-1155)	40000	19600	3.5
K-10 ARUVAPULAM	300	85	0.3
K-11 KONNI	300	90	0.5
K-12 KUMBAZHA	290	100	0.5
K-13 PALLIPAD	360	100	0.3
3466-PANDALAM	790	130	0.9
K-117 AMBALAKKADAVU	380	100	0.3
K-118 KWA PUMP HOUSE	580	160	0.4
K-119 KOTTAKKUZHY	340	110	0.3
K-120 VILANTHARA	370	100	0.2
K-122 VATTOLIKKADAV	410	130	0.2
K-121 POTTAKKANNAN MUKKU	300	110	0.3
1385-SASTHAMKOTTA	580	160	0.4
K5- KOTTUVAMUKKU	440	110	6
1564-AYOOR	750	230	7.4
K6-VELINALLOR	450	130	7.9
2287-ITHIKKARA	800	260	7.4
K-7 UPPUKADAVU	1000	260	7.7
K-14 URUKUNNU	410	110	0.1
K-15 PUNALUR	460	140	0.1
K-16 PATHANAPURAM	400	150	0.2
K-17 ENATH	480	280	0.2
K-18 KANNAMKOTTU KADAVU	470	170	6.3
0042 PERUMTHOTTAKADAVU	740	170	0.5
K-8 ADOOR	440	170	0.2
2288-NELLIMUGHAL	640	170	1.6
K-9 THODIYUR	580	120	0.3
K-153 POORORKKARA	20	NIL	2.2
K19- KOCHUPAMBA	1100	210	0.3

Station code	Date& Time of Sample	Type of water body	Name of water body	District	Agency	Colour	Flow rate	Odour	Visible Discharge
K20 - KAKKIYAR	16-03-2024, 2.45 PM	River	PAMBA	Pathanamthitta	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE
K21- TRIVENI PAMBA U/S	16-03-2024, 2.45 PM	River	PAMBA	Pathanamthitta	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE
K22- NJUNANGAR	16-03-2024, 2.30 PM	River	PAMBA	Pathanamthitta	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE
K23 - VADASSERIKKRA	16-03-2024, 5.00 PM	River	PAMBA	Pathanamthitta	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE
K24 - ATHIKAYAM	16-03-2024, 8.00 AM	River	PAMBA	Pathanamthitta	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE
K25 - RANNI	16-03-2024, 7.30 AM	River	PAMBA	Pathanamthitta	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE
K 26- KOZHENCHERY	16-03-2024, 12.00 PM	River	PAMBA	Pathanamthitta	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE
K27- EDATUA	16-03-2024, 10.00AM	River	PAMBA	Alappuzha	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE
K28 - PULINKUNNU	16-03-2024, 7.30AM	River	PAMBA	Alappuzha	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE
K140 -THAKAZHI	16-03-2024, 9.00 AM	River	PAMBA	Alappuzha	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE
K139- CHENGANNOOR	16-03-2024, 11.00 AM	River	PAMBA	Alappuzha	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE
K 138- PAMBA D/S	16-03-2024, 2.00PM	River	PAMBA	Pathanamthitta	KSPCB	CLEAR, 1= LIGHT		OTHER	NONE
KA-35 YENDAYAR	21.03.2024	River	MANIMALA	BORDER- KOTTAYAM, IDUKKI	KSPCB	CLEAR	NONE	NONE	BATHING
KA-36 KOOTTIKKAL	21.03.2024	River	MANIMALA	BORDER- KOTTAYAM, IDUKKI	KSPCB	CLEAR	NONE	NONE	BATHING
KA-37 ERUMALI	21.03.2024	River	MANIMALA	KOTTAYAM	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
KA-38 PAZHAYIDAM	21.03.2024	River	MANIMALA	KOTTAYAM	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
KA-39 VALAKKAYAM	21.03.2024	River	MANIMALA	KOTTAYAM	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
KA-40 MANIMALA	21.03.2024	River	MANIMALA	KOTTAYAM	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
KA-41 MALLAPALLY	21.03.2024	River	MANIMALA	PATHANAMTHITTA	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
KA-42 THOTTABHAGAM	21.03.2024	River	MANIMALA	PATHANAMTHITTA	KSPCB	CLEAR	NONE	NONE	FISHING
K-154 PALLATHURUTHY	06.03.2024	River	PAMBA	ALAPPUZHA	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
K-155 PUNNAMADA FINISHING POINT	05.03.2024	Lake	VEMBANAD	ALAPPUZHA	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
K-156 PUMPING STATION OF PADASEKHARAM	05.03.2024	Lake	VEMBANAD	ALAPPUZHA	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
K-157 PATHIRAMANAL	05.03.2024	Lake	VEMBANAD	ALAPPUZHA	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
K-158 D/S THANNEERMUKKOM BUND	05.03.2024	Lake	VEMBANAD	ALAPPUZHA	KSPCB	CLEAR	NONE	NONE	FISHING
K-159 D/S OF MAC DOWEL	05.03.2024	Lake	VEMBANAD	ALAPPUZHA	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
K-160 BOARDING POINT	05.03.2024	Lake	VEMBANAD	ALAPPUZHA	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
K-161 KELTRON KADAVU	12.03.2024	Lake	VEMBANAD	ALAPPUZHA	KSPCB	CLEAR	NONE	NONE	FISHING
K-162 CHANDIROOR	12.03.2024	Lake	VEMBANAD	ALAPPUZHA	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
K-163 KAKKATHURUTHU	12.03.2024	Lake	VEMBANAD	ALAPPUZHA	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
K-164 KATTACHIRA KADAVU	12.03.2024	Lake	VEMBANAD	ALAPPUZHA	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
K-165 KAYIPPURAM	12.03.2024	Lake	VEMBANAD	ALAPPUZHA	KSPCB	CLEAR	NONE	NONE	BATHING, FISHING
K29-THEEKOY	11/03/2024,01.30 PM	River	MEENACHIL	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE

Station code	Human activity around the station	Location details	Major Polluting sources	Use of Water in Down stream	Temperature oC	Dissolved Oxygen,mg/ L
K20 - KAKKIYAR	TOURISM SPOT	Pilgrim centre, bathing Ghat, water intake	OTHER	Domestic, Others	30	6.4
K21- TRIVENI PAMBA U/S	TOURISM SPOT	Pilgrim centre, bathing Ghat, water intake	OTHER	Domestic, Others	31	6.5
K22- NJUNANGAR	TOURISM SPOT	Pilgrim centre, bathing Ghat, water intake	OTHER	Domestic, Others	30	6.1
K23 - VADASSERIKKRA	OTHER	NONE	OTHER	Others	31	7.3
K24 - ATHIKAYAM	OTHER	NONE	OTHER	Others	28	6.1
K25 - RANNI	OTHER	NONE	OTHER	Others	29	6.2
K 26- KOZHENCHERY	OTHER	NONE	OTHER	Others	31	6.2
K27- EDATUA	BATHING	NONE	OTHER	Others	31	6.4
K28 - PULINKUNNU	OTHER	NONE	OTHER	Others	32	6.2
K140 -THAKAZHI	BATHING	NONE	OTHER	Irrigation, Others	32	6.6
K139- CHENGANNOOR	OTHER	NONE	OTHER	Irrigation, Others	29	6.5
K 138- PAMBA D/S	TOURISM SPOT	Pilgrim centre, bathing Ghat, water intake	OTHER	Domestic, Others	30	6.7
KA-35 YENDAYAR	NONE	None	Fishing, Bathing Ghat, Domestic, Others		28	5.06
KA-36 KOOTTIKKAL	U/S Town or Industrial area	MSW, PW	Irrigation, Drinking water, Fishing, Bathing Ghat		29	4.53
KA-37 ERUMALI	Pilgrim center/Bathing Ghat	Other	Fishing, Bathing Ghat, Domestic, Others		28°C	8.2
KA-38 PAZHAYIDAM	None	PW, Other	Fishing, Bathing Ghat, Others		28°C	9.6
KA-39 VALAKKAYAM	None	Other	Fishing, Bathing Ghat, Domestic, Others		28°C	8.13
KA-40 MANIMALA	D/s of Town or Industrial area	MSW, PW, Other	Fishing, Bathing Ghat, Others		29°C	12.2
KA-41 MALLAPALLY	D/s of Town or Industrial area	MSW, PW, Other	Fishing, Bathing Ghat, Others		29°C	9
KA-42 THOTTABHAGAM	None	Other, MSW	Bathing Ghat, Others		29°C	9.2
K-154 PALLATHURUTHY	None		Fishing, Bathing Ghat, Domestic, Others		28	3.66
K-155 PUNNAMADA FINISHING POINT	None		Fishing, Bathing Ghat, Others		28	6.26
K-156 PUMPING STATION OF PADASEKHARAM	None		Fishing, Bathing Ghat, Others		28	6.6
K-157 PATHIRAMANAL	None		Bathing Ghat, Others		28	7.33
K-158 D/S THANNEERMUKKOM BUND	None		Fishing, Bathing Ghat, Domestic, Others		28	7.66
K-159 D/S OF MAC DOWEL	None		Fishing, Bathing Ghat, Others		28	8.66
K-160 BOARDING POINT	None		Fishing, Bathing Ghat, Others		28	2.66
K-161 KELTRON KADAVU	None		Bathing Ghat, Others		29	6.66
K-162 CHANDIROOR	None				29	3.26
K-163 KAKKATHURUTHU	None				30	3.66
K-164 KATTACHIRA KADAVU	None				30	5.46
K-165 KAYIPPURAM	None				30	8.13
K29-THEKOY	BATHING	NONE	NONE	Others	28	6.3

Station code	pH	Conductivity, umhos/cm	BOD mg/L	Nitrate-N,mg/L	Turbidity,NTU	Total Alkalinity ,mg/L	Chloride ,mg/L	Ammoniacal-N,mg/L	Hardness as CaCO3,mg/L	Calcium as CaCO3,mg/L	Magnesium as CaCO3,mg/L	Sulphate, mg/L	Sodium,mg/L	Total Dissolved Solids,mg/L	Phosphate,mg/L	Boron, mg/L	Potassium,mg/L
K20 - KAKKIYAR	6.3	50.36	1.7	BDL	0.9	11	10	BDL	32	22	10	BDL	4.6	30	BDL	BDL	0.18
K21- TRIVENI PAMBA U/S	6.4	47	0.5	0.23	1.6	11	12	0.103	22	12	10	2.1	6.2	36	BDL	BDL	0.2
K22- NJUNANGAR	6.8	63	3	0.12	5	12	11	0.6	32	24	8	BDL	4.4	34	BDL	BDL	0.41
K23 - VADASSERIKKRA	6.9	46.91	1.7	BDL	1.8	14	10	BDL	24	14	10	2	5.2	30	BDL	BDL	0.2
K24 - ATHIKAYAM	6.7	50.3	1.6	BDL	1.8	12	12	0.342	22	18	4	1.3	5.5	24	BDL	BDL	0.17
K25 - RANNI	6.5	52.12	1.7	0.231	2	11	11	BDL	32	24	8	BDL	5.4	22	BDL	BDL	0.202
K 26- KOZHENCHERY	6.2	54.12	1.7	0.112	0.9	12	10	BDL	14	12	2	BDL	5.3	30	BDL	BDL	0.16
K27- EDATUA	6.3	56.18	0.8	0.23	0.8	11	10	BDL	20	12	8	2	4.8	34	BDL	BDL	0.4
K28 - PULINKUNNU	6.3	50.36	1.8	0.1	2.3	11	10	BDL	18	16	2	BDL	5.1	30	BDL	BDL	0.2
K140 -THAKAZHI	6.9	50	0.3	0.15	0.9	11	10	BDL	16	8	8	1.51	5.3	32	BDL	BDL	0.3
K139- CHENGANNOOR	6.6	42	0.9	0.32	1	10	9	BDL	17	15	2	2.2	5.2	28	BDL	BDL	0.3
K 138- PAMBA D/S	6.8	60	0.7	0.2	1.9	10	10	0.136	19	10	9	2.4	5.4	34	BDL	BDL	0.25
KA-35 YENDAYAR	7.4	276	1.76	0.083	0.16	30	40	BDL	60	24.048	0	47.3	30	194	BDL	BDL	2.2
KA-36 KOOTTIKKAL	7.3	231	3.27	0.0029	0.14	60	40	BDL	80	32.064	0	15	22.1	165	BDL	BDL	2
KA-37 ERUMALI	7.2	224	6.54	0.1207	0.02	40	60	BDL	40	16.032	20	9	32	159	BDL	BDL	2.2
KA-38 PAZHAYIDAM	7.2	249	6.67	0.1265	0.09	60	40	BDL	60	24.048	20	32	30	175	BDL	BDL	0.5
KA-39 VALAKKAYAM	7.4	223	4.13	0.1134	0.01	60	40	BDL	50	20.04	10	15	30	158	BDL	BDL	2.1
KA-40 MANIMALA	8	213	9.87	0.1195	0.45	60	40	BDL	50	20.04	20	6	22	149	BDL	BDL	2.2
KA-41 MALLAPALLY	6.9	169	1.4	0.0877	0.15	50	40	BDL	60	20	40	4.32	22	169	BDL	BDL	1.2
KA-42 THOTTABHAGAM	7.1	184	3.14	0.0982	0.16	40	50	BDL	60	30	30	7.53	26	131	BDL	BDL	0.1
K-154 PALLATHURUTHY	7.2	715	1.93	0.0555	1.91	50	160	BDL	120	40	80	130	120	485	BDL	BDL	2.1
K-155 PUNNAMADA FINISHING POINT	7.7	1710	3	0.0615	1.48	90	450	BDL	120	100	20	200	350	1200	BDL	BDL	1.1
K-156 PUMPING STATION OF PADASEKHARAM	7.5	1200	2.2	0.153	1.7	40	342	BDL	60	40	20	103	250	820	BDL	BDL	2
K-157 PATHIRAMANAL	6.9	3820	0.87	0.0377	0.37	60	1440	BDL	80	40	40	200	970	2720	BDL	BDL	2.1
K-158 D/S THANNEERMUKKOM BUND	6.8	5250	2.53	0.0478	1.07	60	1920	BDL	160	40	120	256.54	1250	3650	BDL	BDL	1.7
K-159 D/S OF MAC DOWEL	6.9	15950	5.13	0.0639	1.45	80	7150	BDL	1520	120	1400	3.81	3710	11315	BDL	BDL	1.3
K-160 BOARDING POINT	7.3	850	3.6	0.0452	4.02	180	170	BDL	200	80	120	85	125	605	BDL	BDL	2.2
K-161 KELTRON KADAVU	7.6	16750	6.2	0.019	0.79	130	7435	BDL	1550	350	1200	16.89	3862	11950	BDL	BDL	1.9
K-162 CHANDIROOR	7.7	10540	2.4	0.094	1.15	80	4200	BDL	850	50	800	12.1	2294	7500	BDL	BDL	0.8
K-163 KAKKATHURUTHU	7.6	9100	2.53	0.123	1.49	90	3650	BDL	100	40	60	21.91	2205	6500	BDL	BDL	1
K-164 KATTACHIRA KADAVU	7.6	8500	1.93	0.036	0.51	70	3450	BDL	750	350	400	14.35	1758	6050	BDL	BDL	2.5
K-165 KAYIPPURAM	8	570	4.8	0.033	0.3	40	600	BDL	130	50	80	6.7	324	400	BDL	BDL	4.8
K29-THEEKROY	6.4	50.37	2.1	0.1339	0.46	17	6	0	14	8	6	2.7672	3.32	28	0	0	0.18

Station code	Total Coliform,M PN/100ML	Fecal Coliform,M PN/100ML	Sodium Absorption Ration(SAR)
K20 - KAKKIYAR	1100	460	0.4
K21- TRIVENI PAMBA U/S	2100	530	0.8
K22- NJUNANGAR	19000	6800	0.3
K23 - VADASSERIKKRA	340	106	0.5
K24 - ATHIKAYAM	210	80	0.5
K25 - RANNI	300	180	0.4
K 26- KOZHENCHERY	1640	700	0.7
K27- EDATUA	360	120	0.5
K28 - PULINKUNNU	300	112	0.5
K140 -THAKAZHI	360	110	0.6
K139- CHENGANNOOR	270	90	0.5
K 138- PAMBA D/S	22000	6000	0.5
KA-35 YENDAYAR	0	0	1.6839
KA-36 KOOTTIKKAL	12100	2000	1.0743
KA-37 ERUMALI	0	0	1.7962
KA-38 PAZHAYIDAM	13900	4800	1.4583
KA-39 VALAKKAYAM	0	0	1.6839
KA-40 MANIMALA	0	0	1.1433
KA-41 MALLAPALLY	200	0	1.2349
KA-42 THOTTABHAGAM	200	0	1.4594
K-154 PALLATHURUTHY	7000	5100	4.7628
K-155 PUNNAMADA FINISHING POINT	2800	1200	13.8915
K-156 PUMPING STATION OF PADASEKHARAM	17000	11500	9.9225
K-157 PATHIRAMANAL	6700	2100	16.6707
K-158 D/S THANNEERMUKKOM BUND	8300	5100	42.9657
K-159 D/S OF MAC DOWEL	10800	5600	41.3737
K-160 BOARDING POINT	8700	3400	1.3098
K-161 KELTRON KADAVU	10300	3500	42.65
K-162 CHANDIROOR	14500	4000	34.21
K-163 KAKKATHURUTHU	19300	3800	95.87
K-164 KATTACHIRA KADAVU	1500	900	27.91
K-165 KAYIPPURAM	15000	2800	12.36
K29-THEEKOY	900	50	0.4

Station code	Date& Time of Sample	Type of water body	Name of water body	District	Agency	Colour	Flow rate	Odour	Visible Discharge
K30- BHARANANGANAM	11/03/2024,02.00 PM	River	MEENACHIL	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K31-KADAPPATTOOR	11/03/2024,02.15 PM	River	MEENACHIL	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K32-PUNNATHURA	11/03/2024,02.45 PM	River	MEENACHIL	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K33-THAZHATHANGADI	11/03/2024,03.30 PM	River	MEENACHIL	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K34-KUMARAKOM	11/03/2024,04.15 PM	River	MEENACHIL	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K43-MALANKARA	13/03/2024,03.00 PM	River	MUVATTUPUZHA	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K44-MUVATTUPUZHA	13/03/2024,02.00 PM	River	MUVATTUPUZHA	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K46-RAMAMANGALAM	13/03/2024,01.30 PM	River	MUVATTUPUZHA	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K47-PIRAVOM	13/03/2024,12.15 PM	RIVER	MUVATTUPUZHA	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
43-VETTIKATTUMUKKU	13/03/2024,11.50 AM	RIVER	MUVATTUPUZHA	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K48-MURINJAPUZHA	13/03/2024,11.20 AM	RIVER	MUVATTUPUZHA	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K127-CANAL SHUTTER	15/03/2024,09.00 AM	RIVER	PERIYAR	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K128-BOAT LANDING	15/03/2024,09.30 AM	RIVER	PERIYAR	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
1576-DAM SITE	15/03/2024,09.50 AM	RIVER	PERIYAR	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K129-PADIKKAYAM	15/03/2024,10.25 AM	RIVER	PERIYAR	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K130-THANNIKUDY	15/03/2024,09.50 AM	RIVER	PERIYAR	KOTTAYAM	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K49 - PERINGAL	02/03/2024, 02.30 PM	RIVER	CHALAKUDY	THRISSUR	KSPCB	CLEAR, 2=MODERATE	NONE	NONE	NONE
K50 - VETILAPARA	02/03/2024, 02.00 PM	RIVER	CHALAKUDY	THRISSUR	KSPCB	CLEAR, 2=MODERATE	NONE	NONE	NONE
K51 - KANJIRAPPILLY	02/03/2024, 12.30 PM	RIVER	CHALAKUDY	THRISSUR	KSPCB	CLEAR, 2=MODERATE	NONE	NONE	NONE
K52 - CHALAKUDY	02/03/2024, 11.55 AM	RIVER	CHALAKUDY	THRISSUR	KSPCB	CLEAR, 2=MODERATE	NONE	NONE	NONE
K53- PULIKKAKADAVU	02/03/2024, 11.20 AM	RIVER	CHALAKUDY	THRISSUR	KSPCB	CLEAR, 2=MODERATE	NONE	NONE	NONE
K54 - PALPUZHAKADAVU	02/03/2024, 11.20 AM	RIVER	CHALAKUDY	THRISSUR	KSPCB	CLEAR, 2=MODERATE	NONE	NONE	NONE
K55 - KAINOOR	07/03/2024, 03.00 PM	RIVER	KARUVANNUR	THRISSUR	KSPCB	CLEAR, 2=MODERATE	NONE	NONE	NONE
K56 - MUPLIYAM	07/03/2024, 01.30 PM	RIVER	KARUVANNUR	THRISSUR	KSPCB	CLEAR, 2=MODERATE	NONE	NONE	NONE
K57 - PALAKKADAVU	07/03/2024, 12.10 PM	RIVER	KARUVANNUR	THRISSUR	KSPCB	CLEAR, 2=MODERATE	NONE	NONE	NONE
K58 - KOTTENKODE	07/03/2024, 10.15 AM	RIVER	KARUVANNUR	THRISSUR	KSPCB	CLEAR, 2=MODERATE	NONE	NONE	NONE
K59 - KARANCHIRA	07/03/2024, 10.15 AM	RIVER	KARUVANNUR	THRISSUR	KSPCB	CLEAR, 2=MODERATE	NONE	NONE	NONE
K60 NARAGAMPILLY	02/03/2024, 12.05 PM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K61 ARANGOTUKULAMBU	02/03/2024, 11.45 AM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB	No water flow			
K62 PARALI	04/03/2024, 10.00 AM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K63 TRIPALUR	02/03/2024, 02.00 PM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K64 MANGALAM	02/03/2024, 02.15 PM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K65 LAKKIDI	04/03/2024, 10.30 AM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K66 SHORNUR	04/03/2024, 11.15 AM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K67 THOOTHATHA	05/03/2024, 12.30 PM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K90 THAVALAM	05/03/2024, 11.30 AM	RIVER	BHAVANI	PALAKKAD	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
K91 KOTTATHARA	05/03/2024, 02.00 PM	RIVER	BHAVANI	PALAKKAD	KSPCB	CLEAR, 1= LIGHT		NONE	NONE
WND1- Upstream of Panamaram River – Neerattadi	02/03/2024,11:21 AM	River	Kabani	Wayanad	KSPCB	Clear	None	None	None

Station code	Human activity around the station	Location details	Major Polluting sources	Use of Water in Down stream	Temperature oC	Dissolved Oxygen,mg/ L
K30- BHARANANGANAM	BATHING	NONE	NONE	Others	27	7.1
K31-KADAPPATTOOR	BATHING	BATHING	NONE	BATHING GHAT	26	8.2
K32-PUNNATHURA	CATTLE WADING,FISHING	NONE	NONE	FISHING	27	8.3
K33-THAZHATHANGADI	BATHING	BATHING GHAT	NONE	BATHING GHAT	27	3.2
K34-KUMARAKOM	TOURISM SPOT,FISHING	NONE	NONE	FISHING	26	2.5
K43-MALANKARA	OTHER	NONE	NONE	IRRIGATION	27	8.1
K44-MUVATTUPUZHA	BATHING	BATHING GHAT	NONE	BATHING GHAT	28	7.7
K46-RAMAMANGALAM	FISHING	NONE	NONE	CULTIVATION	28	7.6
K47-PIRAVOM	BATHING	NONE	NONE	CULTIVATION	27	6.9
43-VETTIKATTUMUKKU	BATHING	NONE	NONE	FISHING	28	7.1
K48-MURINJAPUZHA	OTHER	NONE	NONE	OTHERS	27	5.4
K127-CANAL SHUTTER	OTHER	NONE	NONE	OTHERS	27	6.8
K128-BOAT LANDING	TOURISM SPOT,FISHING	NONE	NONE	IRRIGATION	26	6.9
1576-DAM SITE	OTHER	NONE	NONE	IRRIGATION	27	7.3
K129-PADIKKAYAM	OTHER	NONE	NONE	OTHERS	27	7.2
K130-THANNIKUDY	OTHER	NONE	NONE	OTHERS	27	7.7
K49 - PERINGAL	FARMING, FISHING	U/S OF TOWN	OTHER	FISHING, DOMESTIC, OTHERS	28	8.9
K50 - VETILAPARA	FARMING	U/S OF TOWN	OTHER	FISHING, CULTIVATION, OTHERS	29	8.4
K51 - KANJIRAPPILLY	FARMING, FISHING	U/S OF TOWN	MSW,PW,OTHER	FISHING,ORGANIZED WATER SOURCE, CULTIVATION. OTHERS	28	7.8
K52 - CHALAKUDY	FARMING, OTHER	D/S OF TOWN	MSW,PW,OTHER	FISHING, CULTIVATION, OTHERS	29	7.4
K53- PULIKKAKADAVU	FARMING, FISHING, OTHERS	D/S OF TOWN	INDUSTRIAL EFFLUENT,PW,OTHER	IRRIGATION, FISHING,CULTIVATION,OTHERS	29	7.6
K54 - PALPUZHAKADAVU	Cattle Wading, Farming, Fishing	D/S OF TOWN	PW,OTHER	FISHING,CULTIVATION,BATHING GHAT,OTHERS	27	7.8
K55 - KAINOOR	FARMING, FISHING, OTHERS	U/S OF TOWN	MSW ,OTHER	FISHING, CULTIVATION, OTHERS	36	4.5
K56 - MUPLIYAM	FARMING, FISHING, OTHERS	U/S OF TOWN	MSW , OTHER	FISHING,CULTIVATION,OTHERS	35	6.5
K57 - PALAKKADAVU	FARMING, FISHING, OTHERS	D/S OF TOWN	MSW, OTHER	FISHING,CULTIVATION,BATHING GHAT, OTHERS	27	6.9
K58 - KOTTENKODE	FARMING, FISHING, OTHERS	D/S OF TOWN	MSW, OTHER	FISHING,CULTIVATION,OTHERS	27	4.1
K59 - KARANCHIRA	FARMING, FISHING, OTHERS	D/S OF TOWN	MSW, OTHER	FISHING,CULTIVATION,OTHERS	27	5.7
K60 NARAGAMPILLY	NONE		None	Others	29	6.9
K61 ARANGOTUKULAMBU			No water flow			
K62 PARALI	Cattle Wading , Fishing, Bathing.		None	Irrigation Fishing	29	5.1
K63 TRIPALUR	Cattle Wading , Fishing, Bathing.		None	Irrigation Fishing	29	6.1
K64 MANGALAM	Cattle Wading , Fishing, Bathing.		None	Irrigation Fishing	29	7.8
K65 LAKKIDI	Cattle Wading , Fishing, Bathing.		None	Irrigation Fishing	29	7.6
K66 SHORNUR	Cattle Wading , Fishing, Bathing.		None	Irrigation Fishing	29	8
K67 THOOTHATHA	Cattle Wading , Fishing, Bathing.		None	Irrigation Fishing	30	7.4
K90 THAVALAM	Cattle Wading , Fishing, Bathing.		None	Irrigation Fishing Domestic	29	7.3
K91 KOTTATHARA	Cattle Wading , Fishing, Bathing.		None	Irrigation Fishing Domestic	30	8.2
WND1- Upstream of Panamaram River – Neerattadi	Cattle wading,Fishing,Bathing	None	None	Irrigation , Fishing,Domestic	30	6.53

Station code	pH	Conductivity, umhos/cm	BOD mg/L	Nitrate-N,mg/L	Turbidity,NTU	Total Alkalinity ,mg/L	Chloride ,mg/L	Ammoniacal-N,mg/L	Hardness as CaCO3,mg/L	Calcium as CaCO3,mg/L	Magnesium as Ca CO3,mg/L	Sulphate, mg/L	Sodium,mg/L	Total Dissolved Solids,mg/L	Phosphate,mg/L	Boron, mg/L	Potassium,mg/L
K30- BHARANANGANAM	6.8	70.49	2	0.0583	1.81	25	10	0	18	9	9	1.1888	5.29	39	0	0	0.95
K31-KADAPPATTOOR	6.7	112.1	3.2	0.1908	2.32	36	16	0	31	19	12	4.4096	8.93	66	0	0	1.93
K32-PUNNATHURA	6.8	72.41	1.3	0.0195	0.1	23	9	0	20	14	6	5.0816	4.79	42	0	0	0.93
K33-THAZHATHANGADI	6.5	280.4	1.4	0.0542	0.93	27	80	0	44	23	21	5.2657	41.87	161	0	0	3.24
K34-KUMARAKOM	6.6	1265	1.6	0.1154	0.26	28	430	0	125	80	45	6.0919	225.4	740	0	0	8.74
K43-MALANKARA	7.2	60.72	0.9	0.1203	0.54	19	6	0	20	10	10	6.4325	3.32	36	0	0	0.41
K44-MUVATTUPUZHA	7.1	60.67	0.7	0.0194	0.9	16	7	0	17	9	8	8.1826	3.95	37	0	0	0.67
K46-RAMAMANGALAM	7.1	52.02	0.2	0.1048	0.95	18	6	0	15	10	5	4.1796	3.33	32	0	0	1.44
K47-PIRAVOM	7	51.04	0.3	0.0407	1.15	19	6	0	16	8	8	2.1541	3.38	30	0	0	0.47
43-VETTIKATTUMUKKU	7	66.02	0.2	0.0042	1.04	20	9	0	18	12	6	5.6343	4.84	40	0	0	0.57
K48-MURINJAPUZHA	6.6	11990	0.1	0.0673	0.38	28	4200	0	1200	800	400	54.016	2183	7100	0	0	35.8
K127-CANAL SHUTTER	7.2	55.78	0.6	0.0487	0.1	24	5	0	18	9	9	1.63	2.68	32	0	0	0.39
K128-BOAT LANDING	7.3	49.44	0.4	0.0225	0.11	16	6	0	14	7	7	3.4	2.49	30	0	0	0.44
1576-DAM SITE	6.7	47.39	0.1	0.1586	0.26	17	6	0	13	7	6	1.5195	3.16	27	0	0	0.39
K129-PADIKKAYAM	7	58.12	0.2	0.0374	0.33	18	7	0	17	9	8	5.41	3	34	0	0	0.28
K130-THANNIKUDY	7	56.1	0.1	0.0149	0.22	21	12	0	18	10	8	3.95	3.16	33	0	0	0.33
K49 - PERINGAL	7.6	75	2.8	0	0	24	12	0	22	11	11	1.25	6.24	40	0	0	1.55
K50 - VETILAPARA	7.4	80	1.4	0	0	22	15	0	21	10	11	1.5	7.86	48	0	0	2.06
K51 - KANJIRAPPILLY	7.2	83.3	1	0	0	25	15	0	23	12	11	0	7.75	50	0	0	1.37
K52 - CHALAKUDY	7.3	91.6	0.8	0	0	34	11	0	32	18	14	2.24	5.77	55	0	0	1.49
K53- PULIKKAKADAVU	7.2	108.3	0.9	0	0	29	19	0	30	28	2	1.65	9.98	65	0	0	1.65
K54 - PALPUZHAKADAVU	7.3	113.3	0.7	0	0	37	18	0	34	29	5	0	9.38	68	0	0	1.77
K55 - KAINOOR	7.5	98.3	0.7	0	0	35	14	0	30	18	12	0	7.28	58	0	0	2.58
K56 - MUPLIYAM	7.4	71	2	0	0	22	13	0	19	9	10	0	6.74	42	0	0	1.33
K57 - PALAKKADAVU	7.2	100	0.8	0	0	38	15	0	31	24	7	0	7.78	60	0	0	1.69
K58 - KOTTENKODE	7.2	97.42	1.4	0	0	33	15	0	29	18	11	0	7.76	58	0	0	1.8
K59 - KARANCHIRA	7.1	94.4	1.2	0	0	26	18	0	25	16	9	0	9.35	56	0	0	1.61
K60 NARAGAMPILLY	7.9	808	6.1	0.528	BDL	198	141.93	BDL	200	147	53	7.94	82	440	0.083	BDL	16
K61 ARANGOTUKULAMBU						No water flow											NC
K62 PARALI	7.8	201	3.6	0.168	BDL	69	21.98	BDL	72	52	20	5.96	13	130	0.051	BDL	2
K63 TRIPALUR	7.7	334.6	1.8	0.346	BDL	95	45.97	BDL	105	65	40	11.6	27	190	0.038	BDL	5
K64 MANGALAM	7.8	90.5	3.5	0.258	BDL	28	11.99	BDL	30	18	12	1.05	7	55	0.045	BDL	1.5
K65 LAKKIDI	7.9	265.5	1.7	0.259	BDL	81	39	BDL	83	61	22	0.001	22.5	150	0.019	BDL	5
K66 SHORNUR	7.6	220	8.4	0.348	BDL	76	19.99	BDL	80	52	28	10.3	13	130	0.038	BDL	3
K67 THOOTHATHA	7.8	79	3.4	0.204	BDL	22	11.6	BDL	23	18	5	0.745	7	50	0.032	BDL	1.3
K90 THAVALAM	7.8	86	1.7	0.204	BDL	29	9.99	BDL	30	18	12	1.24	6	50	0.26	BDL	1.7
K91 KOTTATHARA	7.8	2.6	1.7	0.432	BDL	90	17.99	BDL	95	60	35	0.37	10	130	0.26	BDL	2
WND1- Upstream of Panamaram River – Neerattadi	6.6	96	0.39	0.2	1.11	26	13	BDL	22	21	1	1.137	8.5	62	BDL	BDL	4.61

Station code	Total Coliform,M PN/100ML	Fecal Coliform,M PN/100ML	Sodium Absorption Ration(SAR)
K30- BHARANANGANAM	1250	NIL	0.5
K31-KADAPPATTOOR	1150	NIL	0.7
K32-PUNNATHURA	350	50	0.5
K33-THAZHATHANGADI	800	NIL	2.7
K34-KUMARAKOM	1250	150	8.8
K43-MALANKARA	250	50	0.3
K44-MUVATTUPUZHA	200	NIL	0.4
K46-RAMAMANGALAM	600	150	0.4
K47-PIRAVOM	1150	150	0.4
43-VETTIKATTUMUKKU	450	150	0.5
K48-MURINJAPUZHA	1350	100	27.4
K127-CANAL SHUTTER	250	100	0.3
K128-BOAT LANDING	100	NIL	0.4
1576-DAM SITE	200	50	0.4
K129-PADIKKAYAM	50	NIL	0.4
K130-THANNIKUDY	50	NIL	0.3
K49 - PERINGAL	250	0	0.6
K50 - VETILAPARA	750	100	0.7
K51 - KANJIRAPPILLY	0	0	0.7
K52 - CHALAKUDY	450	100	0.7
K53- PULIKKAKADAVU	550	0	0.8
K54 - PALPUZHAKADAVU	500	0	0.7
K55 - KAINOOR	100	0	0.6
K56 - MUPLYAM	300	0	0.7
K57 - PALAKKADAVU	100	0	0.6
K58 - KOTTENKODE	100	50	0.6
K59 - KARANCHIRA	700	50	0.8
K60 NARAGAMPILLY	ABSENT	ABSENT	2.52
water flow			
K62 PARALI	200	100	0.67
K63 TRIPALUR	ABSENT	ABSENT	1.15
K64 MANGALAM	200	100	0.56
K65 LAKKIDI	200	100	1.07
K66 SHORNUR	200	100	0.63
K67 THOOTH	600	400	0.63
K90 THAVALAM	700	400	0.48
K91 KOTTATHARA	600	200	0.45
WND1- Upstream of Panamaram River – Neerattadi	24	2	0.79

Station code	Date& Time of Sample	Type of water body	Name of water body	District	Agency	Colour	Flow rate	Odour	Visible Discharge
WND2-Changadakadavu-Panamaram river	02/03/2024,11:38 AM	River	Kabani	Wayanad	KSPCB	Clear	None	None	None
WND3- Kuruva-In front of DTPC	02/03/2024 ,12.30 PM	River	Kabani	Wayanad	KSPCB	Clear	None	None	None
WND4-Kuruva- Forest Kadavu	Site closed								
WND5Kuruva-Thonikadavu	07/03/2024 , 2:25 PM	River	Kabani	Wayanad	KSPCB	Clear	None	None	None
WND6- Mananthavady Choottakkadavu- Mananthavady	04.03.2024 , 12:50 PM	River	Kabani	Wayanad	KSPCB	Clear	None	None	None
WND7- Mananthavady Bridge - Mananthavady river down	04.03.2024 , 12:25 PM	River	Kabani	Wayanad	KSPCB	Clear	None	None	None
P1- Pookode Lake near boat jetty	03/05/2024 , 15:32 pm	Lake	Pookode	Wayanad	KSPCB	Clear	None	None	None
P2- Pookode Lake Deepest point	03/05/2024 , 15:40 pm	Lake	Pookode	Wayanad	KSPCB	Clear	None	None	None
P3- Pookode Lake silt depositing zone	03/05/2024 , 15:55 pm	Lake	Pookode	Wayanad	KSPCB	Clear	None	None	None
P4- Pookode Lake centre point	03/05/2024 , 16:05 pm	Lake	Pookode	Wayanad	KSPCB	Clear	None	None	None
P5- Pookode Lake second deepest point	03/05/2024 , 16:45 pm	Lake	Pookode	Wayanad	KSPCB	Clear	None	None	None
K108-Nallathanni	11-03-2024,10.30am	River	Periyar	Idukki	KSPCB	Clear	None	None	None
K109-Kundala	11-03-2024,10.45 am	River	Periyar	Idukki	KSPCB	Clear	None	None	None
K110-Muthirapuzha	11-03-2024,11.10 am	River	Periyar	Idukki	KSPCB	Clear	None	None	None
K111-KSEB Dam	11-03-2024,11.30am	River	Periyar	Idukki	KSPCB	Clear	None	None	None
K107-Pambar	11-03-2024,2:00 pm	River	Pambar	Idukki	KSPCB	Clear	None	None	None
K106-Thoorkupalam	02-03-2024,10.00am	River	Thodupuzha	Idukki	KSPCB	Clear	None	None	None
K105-Vengalloor	02-03-2024,10.30 am	River	Thodupuzha	Idukki	KSPCB	Clear	None	None	None
K104-Near Pappootty Bar&Restaurant	02-03-2024,11.00am	River	Thodupuzha	Idukki	KSPCB	Clear	None	None	None
K103-Mooppilkadavu Bridge	02-03-2024,11.30 am	River	Thodupuzha	Idukki	KSPCB	Clear	None	None	None
K102-Malankara Dam	02-03-2024,11.45 am	River	Thodupuzha	Idukki	KSPCB	Clear	None	None	None
K70 - ORAVAMPURAM	02.03.2024 12.10PM	RIVER	KADALUNDI	Malappuram	KSPCB	CLER		None	None
K71- ANAKKAYAM	02.03.2024 11.20AM	RIVER	KADALUNDI	Malappuram	KSPCB	Turbid, Moderate		None	None
2293 - HAJIYARPALLY	02.03.2024 10.30AM	RIVER	KADALUNDI	Malappuram	KSPCB	Turbid, Light		None	None
K72 - MANIKUTH	02.03.2024 10.10AM	RIVER	KADALUNDI	Malappuram	KSPCB	Clear		None	None
K73 - KOORIYAD	02.03.2024 09.30AM	RIVER	KADALUNDI	Malappuram	KSPCB	Turbid, Light		None	None
2292 - THALAKKADATUR	04.03.2024 09.30AM	RIVER	TIRUR	Malappuram	KSPCB	Clear		None	None
K77 - MANGATTIRI	04.03.2024 11.30AM	RIVER	TIRUR	Malappuram	KSPCB	Turbid, Light		None	None
K74 - KOOLUPALAM	04.03.2024 09.40AM	RIVER	TIRUR	Malappuram	KSPCB	Dried		None	None
K75 - EZHUR	04.03.2024 10.15AM	RIVER	TIRUR	Malappuram	KSPCB	Clear		None	None
K76 - THAZHEPALAM	04.03.2024 12.35AM	RIVER	TIRUR	Malappuram	KSPCB	Clear		None	None
K68 - THAVANUR	01.03.2024 10.00AM	RIVER	BHARATAPUZHA	Malappuram	KSPCB	Turbid, Moderate		None	None
K69 - NARIPARAMB	01.03.2024 10.20AM	RIVER	BHARATAPUZHA	Malappuram	KSPCB	Turbid, Moderate		None	None
K 78 KURUVANPUZHA	02-03-2024,12.15 pm	River	Chaliyar	Malappuram	KSPCB	Turbid, Light		None	None
K 79 VADAPURAM	02-03-2024,11.00 am	River	Chaliyar	Malappuram	KSPCB	Turbid, Light		None	None
K 80 MUNDAYAMTHODU	No water (Drought)	River	Chaliyar	Malappuram	KSPCB	No water (Drought)			
K 81 AREECODE	02-03-2024,09.50 am	River	Chaliyar	Malappuram	KSPCB	Turbid, Light		None	None
K 82 FEROKE	03-03-2024,12.15 pm	River	Chaliyar	Kozhikode	KSPCB	Turbid, Light		None	None
K 92 PURAKKATIRI	10-03-2024,10.00 am	River	Korapuzha	Kozhikode	KSPCB	Turbid, Light		None	None
K 93 ANAPARAKADAVU	10-03-2024,12.00 pm	River	Korapuzha	Kozhikode	KSPCB	Turbid, Light		None	None
2318 - PAZHASSI RESERVOIR	18.03.2024 ,12.15PM	RIVER	VALAPPATTANAM	Kannur	KSPCB	CLEAR		NONE	NONE

Station code	Human activity around the station	Location details	Major Polluting sources	Use of Water in Down stream	Temperature oC	Dissolved Oxygen,mg/L
WND2-Changadakadavu-Panamaram river	Fishing, Bathing	None	None	Fishing,Domestic	30	6.13
WND3- Kuruva-In front of DTTC	Tourism spot	None	None	Cultivation ,Fishing,Domestic	30	5.73
WND4-Kuruva- Forest Kadavu	Site closed					
WND5Kuruva-Thonikadavu	Cattle wading,Fishing,Bathing	None	None	Domestic	31	5.66
WND6- Mananthavady Choottakkadavu - Mananthavady	Cattle wading,Bathing	None	None	Domestic	31	6.06
WND7- Mananthavady Bridge - Mananthavady river down	Bathing,others	None	None	Others	31	7.6
P1- Pookode Lake near boat jetty	Tourism spot	None	None	None	30	6.53
P2- Pookode Lake Deepest point	Tourism spot	None	None	None	30	6.53
P3- Pookode Lake silt depositing zone	Tourism spot	None	None	None	30	6.8
P4- Pookode Lake centre point	Tourism spot	None	None	None	30	6.66
P5- Pookode Lake second deepest point	Tourism spot	None	None	None	30	6.4
K108-Nallathanni	None	None	None	Domestic	24	6.8
K109-Kundala	None	None	None	Others	23	6.6
K110-Muthirapuzha	None	None	None	Others	23	7.4
K111-KSEB Dam	None	None	None	Others	23	6.1
K107-Pambar	Bathing	None	None	Others	23	7.8
K106-Thookkupalam	Bathing	None	None	Others	26	7.6
K105-Vengalloor	Bathing	None	None	Others	26	7.6
104-Near Pappootty Bar&Restauran	None	None	None	Others	25	7.6
K103-Mooppilkadavu Bridge	Bathing	None	None	Others	26	7.7
K102-Malankara Dam	None	None	None	Irrigation,Domestic	25	7.4
K70 - ORAVAMPURAM	Bathing	Bathing ghat	None	Bathing	33	6.9
K71- ANAKKAYAM	None	None	None	None	30	6.9
2293 - HAJIYARPALLY	Bathing	Bathing ghat	None	Bathing, Irrigation	32	8.9
K72 - MANIKUTH	Bathing	Bathing ghat	None	Bathing	30	6.53
K73 - KOORIYAD	Bathing	Bathing ghat	None	Bathing	27	5.9
2292 - THALAKKADATUR	Bathing	U/s of Town	None	Bathing	27	3.7
K77 - MANGATTIRI	None	None	None	None	30	2.67
K74 - KOOLUPALAM	None	None	None	None	DRIED	DRIED
K75 - EZHUR	None	None	None	None	27	4.67
K76 - THAZHEPALAM	None	U/s of Town	None	Bathing, Irrigation	29	3.2
K68 - THAVANUR	Bathing	Bathing ghat	None	Bathing	29	6.2
K69 - NARIPARAMB	None	None	None	None	30	5.9
K 78 KURUVANPUZHA	Bathing		None	Others	30	7.3
K 79 VADAPURAM	None		None	Others	30	6.7
K 80 MUNDAYAMTHODU	No water (Drought)					
K 81 AREECODE	Bathing	Water intake	None	Domestic	29	7.8
K 82 FEROKE	Fishing	River mouth to Arabian Sea		Fishing	32	7.1
K 92 PURAKKATIRI	Fishing	River mouth to Arabian Sea		Fishing	32	5.3
K 93 ANAPARAKADAVU	Fishing	River mouth to Arabian Sea		Fishing	32	7.5
2318 - PAZHASSI RESERVOIR	NONE	NONE	NONE	IRRIGATION	32	8

Station code	pH	Conductivity, umhos/cm	BOD mg/L	Nitrate-N,mg/L	Turbidity,NTU	Total Alkalinity ,mg/L	Chloride ,mg/L	Ammoniacal-N,mg/L	Hardness as CaCO3,mg/L	Calcium as CaCO3,mg /L	Magnesium as Ca CO3,mg/L	Sulphate, mg/L	Sodium,mg/L	Total Dissolved Solids,mg/L	Phosphate,mg/L	Boron, mg/L	Potassium,mg/L
WND2-Changadakadavu-Panamaram river	6.7	99	0.4	0.2	0.82	25	16	BDL	22	21	1	0.646	9.54	58	BDL	BDL	4.74
WND3- Kuruva-In front of DTPC	6.7	84	0.7	0.2	BDL	23	13	BDL	19	16	3	0.055	8.58	51	BDL	BDL	3.44
WND4-Kuruva- Forest Kadavu	Site closed																
WND5Kuruva-Thonikadavu	6.9	85	0.3	0.1	0.18	25	12	BDL	23	17	6	0.234	7.16	50	BDL	BDL	3.11
WND6- Mananthavady Choottakkadavu- Mananthavady	6.8	78	0.6	0.1	BDL	13	16	BDL	10	8	2	0.32	8.83	45	BDL	BDL	5.58
WND7- Mananthavady Bridge - Mananthavady river down	6.8	58	0.8	0.2	0.83	12	10.8	BDL	11	6	5	0.237	6.22	33	BDL	BDL	2.9
P1- Pookode Lake near boat jetty	6.9	45	0.467	0	1.74	8	9	BDL	7	6	1	0.794	5.78	25	BDL	BDL	1.51
P2- Pookode Lake Deepest point	6.5	43	0.873	0	0.48	6	10	BDL	6	4	2	0.114	6	24	BDL	BDL	0.96
P3- Pookode Lake silt depositing zone	6.7	37	0.4	0	0.45	6	8	BDL	5	4	1	0.009	5.1	21	BDL	BDL	0.899
P4- Pookode Lake centre point	7	39	0.6	0	0.59	7	8	BDL	7	5	2	0.011	5	24	BDL	BDL	0.61
P5- Pookode Lake second deepest point	6.7	40	0.467	0	1.25	6	9	BDL	7	4	3	0.008	5	24	BDL	BDL	0.71
K108-Nallathanni	7.2	94.5	2.4	0.7824	11.8	10	13.8572	0.4766	50	44	6	BDL	4.94	61.42	0.0275	BDL	2.1
K109-Kundala	7.4	89	1.8	0.116	3.1	7	10.3929	0.041	8	7	1	BDL	3.85	57.85	0.0199	BDL	1.98
K110-Muthirapuzha	7.2	100.9	2.2	0.307	2.7	6	10.8878	0.3111	8	6	2	BDL	4.05	64.32	0.0072	BDL	1.81
K111-KSEB Dam	6.4	96	2.2	0.126	2.4	9	10.3929	0.2317	6	5	1	BDL	4.84	62.1	0.0054	BDL	1.98
K107-Pambar	7.6	112	1.7	0.4233	4.7	10	10.8878	0.2979	13	11	2	BDL	3.98	70.32	0.0054	BDL	1.61
K106-Thookkupalam	7.6	64.5	1.3	0.068	0.6	6	9.898	0.0105	8	7	1	BDL	4.54	41.92	0.0054	BDL	1.89
K105-Vengalloor	7.4	63.2	1.7	0.0831	0.7	7	10.3929	0.02516	14	12	2	BDL	3.98	41.08	0.009	BDL	1.46
K104-Near Pappootty Bar&Restaurant	7.3	63.6	1.7	0.1073	0.6	6	10.3929	0.2224	12	11	1	BDL	4.18	41.34	0.0045	BDL	1.67
K103-Mooppilkadavu Bridge	7.1	64.2	1.9	0.0782	0.8	8	10.8878	0.00397	9	7	2	BDL	3.32	41.73	0.0054	BDL	1.72
K102-Malankara Dam	7.1	64.8	1.5	0.0642	0.7	7	9.4031	0.1204	12	11	1	BDL	3.36	42.12	0.0018	BDL	1.45
K70 - ORAVAMPURAM	6.7	97.9	3.7	0.12	2.4	27	14	BDL	33	26	7	5	7.4	60	0.086	BDL	2.75
K71- ANAKKAYAM	7.3	94.65	3.3	0.032	2.2	16	14	BDL	32	28	4	14.67	7.7	61	0.093	BDL	1.86
2293 - HAJIYARPALLY	6.9	113.5	5.3	BDL	0.04	17	17	BDL	40	37	3	20	9.25	75	0.095	BDL	1.5
K72 - MANIKUTH	6.8	105.3	3.2	0.006	3.3	15	13	BDL	32	25	7	20	8.76	65	0.083	BDL	2.36
K73 - KOORIYAD	6.5	126.3	3.4	BDL	3.3	15	12	BDL	45	28	17	35	9.62	83	0.096	BDL	1.78
2292 - THALAKKADATUR	6.9	8257	2.7	0.007	0.09	40	3000	BDL	600	550	50	152	1700	5171	0.099	BDL	61.5
K77 - MANGATTIRI	6.7	37030	3.1	0.0069	6.4	15	14000	BDL	1500	790	710	200	8499	23455	0.07	BDL	258.25
K74 - KOOLUPALAM	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED
K75 - EZHUR	6.7	512.4	2.47	BDL	5.6	33	126	BDL	56	55	1	27.33	92.5	298	0.059	BDL	5.16
K76 - THAZHEPALAM	6.8	17110	2.06	0.034	3.8	25	6000	BDL	600	230	370	266	4110	10674	0.067	BDL	100
K68 - THAVANUR	6.9	197.5	2.73	0.061	3.7	55	26	BDL	57	51	6	12	20.37	6.2	0.038	BDL	5.11
K69 - NARIPARAMB	7.2	192.8	2.6	0.035	1.5	48	25	BDL	48	41	7	9	20.11	5.9	0.085	BDL	3.15
K 78 KURUVANPUZHA	6.7	42.33	0.4	0.159	1	14	5	0.208	14	11	3	0.429	3.23	24	BDL	BDL	0.78
K 79 VADAPURAM	6.5	91.9	0.8	0.292	3.9	29	12	0.292	30	24	6	0.857	7.26	52	0.0107	BDL	1.52
K 80 MUNDAYAMTHODU	No water (Drought)																
K 81 AREECODE	6.7	88.62	0.8	0.1	2	28	12	0.163	29	20	9	0.871	7.15	50	BDL	BDL	1.29
K 82 FEROKE	7	47810	0.9	0.526	0.5	120	14600	2.325	3400	600	2800	2075	8455	26500	0.004	BDL	294
K 92 PURAKKATIRI	7.8	56040	1.1	0.741	3.8	120	17500	BDL	4200	1000	3200	1485	10246	31000	BDL	BDL	347
K 93 ANAPARAKADAVU	7.7	53400	0.9	0.454	5.2	100	16900	0.539	3400	1000	2400	1028	9974	29400	0.0108	BDL	425
2318 - PAZHASSI RESERVOIR	7.1	68	1.74	0.05	1	12	14	0	21	16	1.215	1.7	9.2	62	BDL	BDL	0.84

Station code	Total Coliform,M PN/100ML	Fecal Coliform,M PN/100ML	Sodium Absorption Ration(SAR)
WND2-Changadakadavu-Panamaram river	21	7	0.88
WND3- Kuruva-In front of DTPC site closed	33	30	1.01
WND5Kuruva-Thonikadavu	25	15	0.65
WND6- Mananthavady Choottakkadavu- Mananthavady	88	28	1.12
WND7- Mananthavady Bridge - Mananthavady river down	32	10	0.82
P1- Pookode Lake near boat jetty	70	20	0.95
P2- Pookode Lake Deepest point	29	8	1.06
P3- Pookode Lake silt depositing zone	15	0	0.99
P4- Pookode Lake centre point	109	4	0.82
P5- Pookode Lake second deepest point	110	15	0.82
K108-Nallathanni	5500	2800	0.3
K109-Kundala	5000	2100	0.59
K110-Muthirapuzha	6000	1000	0.62
K111-KSEB Dam	3100	2000	0.86
K107-Pambar	4100	1900	0.48
K106-Thoorkupalam	1100	800	0.7
K105-Vengalloor	2400	1000	0.46
K104-Near Pappootty Bar&Restaurant	1200	900	0.52
K103-Mooppilkadavu Bridge	2500	300	0.48
K102-Malankara Dam	2300	1100	0.42
K70 - ORAVAMPURAM	560	100	0.56
K71- ANAKKAYAM	160	140	0.59
2293 - HAJIYARPALLY	520	200	0.64
K72 - MANIKUTH	380	180	0.67
K73 - KOORIYAD	280	240	0.62
2292 - THALAKKADATUR	1040	300	30.17
K77 - MANGATTIRI	6240	1360	95.41
K74 - KOOLUPALAM	DRIED	DRIED	DRIED
K75 - EZHUR	4960	4320	5.37
K76 - THAZHEPALAM	380	280	72.95
K68 - THAVANUR	500	200	1.17
K69 - NARIPARAMB	320	300	1.26
K 78 KURUVANPUZHA	1400	900	0.3753
K 79 VADAPURAM	1000	200	0.5763
ater (Drought)			
K 81 AREECODE	1300	700	0.5772
K 82 FEROKE	1500	200	63.044
K 92 PURAKKATIRI	300	100	68.7387
K 93 ANAPARAKADAVU	200	60	74.3707
2318 - PAZHASSI RESERVOIR	80	15	0.9

Station code	Date& Time of Sample	Type of water body	Name of water body	District	Agency	Colour	Flow rate	Odour	Visible Discharge
3473-PARASSINIKKADAVU	18.03.2024 ,11.15AM	RIVER	VALAPATTANAM	Kannur	KSPCB	CLEAR		NONE	NONE
K96(VL1)-VALAPATTANAM	16.03.2024 ,12.10AM	RIVER	VALAPATTANAM	Kannur	KSPCB	CLEAR		NONE	NONE
K95(VL2)-CHENGALAYI	18.03.2024 ,11.40AM	RIVER	VALAPATTANAM	Kannur	KSPCB	CLEAR		NONE	NONE
K94(VL3)-IRIKKUR	18.03.2024 ,12.15PM	RIVER	VALAPATTANAM	Kannur	KSPCB	CLEAR		NONE	NONE
K97-YETHADUKA	04.03.2024 , 11 AM	RIVER	SHIRIYA	Kasaragod	KSPCB	CLEAR		NONE	NONE
K98-BAKILLAPADAV	04.03.2024 , 11.25 AM	RIVER	SHIRIYA	Kasaragod	KSPCB	CLEAR		NONE	NONE
K99-SWARGATHODU	04.03.2024 , 12.05 PM	RIVER	SHIRIYA	Kasaragod	KSPCB	CLEAR		NONE	NONE
K100-VANINAGAR	04.03.2024 , 12.30 PM	RIVER	SHIRIYA	Kasaragod	KSPCB	RIVER DRY		NONE	NONE
K101-SULLYAPADAV	04.03.2024 , 1.30 PM	RIVER	SHIRIYA	Kasaragod	KSPCB	RIVER DRY		NONE	NONE

Station code	Human activity around the station	Location details	Major Polluting sources	Use of Water in Down stream	Temperature oC	Dissolved Oxygen,mg/ L
3473-PARASSINIKKADAVU	TOURIST SPOT,FISHING	NONE	NONE	BATHING,IRRIGATION	31	5.4
K96(VL1)-VALAPATTANAM	FISHING	NONE	NONE	BATHING,IRRIGATION	31	4.46
K95(VL2)-CHENGALAYI	BATHING,FISHING	NONE	NONE	BATHING,IRRIGATION	30	6.8
K94(VL3)-IRIKKUR	BATHING,FISHING	NONE	NONE	BATHING,IRRIGATION	32	8.06
K97-YETHADUKA	NONE	NONE	NONE	BATHING , IRRIGATION	31	6.8
K98-BAKILLAPADAV	NONE	NONE	NONE	BATHING , IRRIGATION	31	7.7
K99-SWARGATHODU	NONE	NONE	NONE	BATHING , IRRIGATION	31.2	6.2
K100-VANINAGAR	NONE	NONE	NONE	RIVER DRY		
K101-SULLYAPADAV	NONE	NONE	NONE	RIVER DRY		

Station code	pH	Conductivity, umhos/cm	BOD mg/L	Nitrate-N,mg/L	Turbidity,NTU	Total Alkalinity ,mg/L	Chloride ,mg/L	Ammonia cal-N,mg/L	Hardness as CaCO3,mg/L	Calcium as CaCO3,mg/L	Magnesium as Ca CO3,mg/L	Sulphate, mg/L	Sodium,mg/L	Total Dissolved Solids,mg/L	Phosphate,mg/L	Boron, mg/L	Potassium,mg/L
3473-PARASSINIKKADAVU	7.6	35600	4.1	1.6	2.3	1200	11500	0	4800	2400	2400	860	5939	20936	BDL	BDL	327
K96(VL1)-VALAPATTANAM	7.7	52800	3.39	1.6	3.5	3280	17400	0	5200	3400	1800	1400	10544	31568	BDL	BDL	457.5
K95(VL2)-CHENGALAYI	7.4	16190	3.53	1.2	2.8	1940	3200	0	3900	2800	1700	1800	1700	9066.4	BDL	BDL	315
K94(VL3)-IRIKKUR	7	90.9	6.8	0.3	1.8	12	16	0	24	18	6	3.5	10	51.9	BDL	BDL	1.3
K97-YETHADUKA	7.9	134.5	2.8	0.042	3.9	120	140	...	39	19	20	0.52	74	82	0.25116	0.472	5.31
K98-BAKILLAPADAV	8.2	991	2.9	0.029	3.4	110	70	...	27	24	3	0.52	38	501.1	0.39468	0.165	0.8
K99-SWARGATHODU	6.9	97.6	1.9	0.035	2.7	100	30	...	18	17	1	1.04	18	19	0.15364	0.068	2.7
K100-VANINAGAR	RIVER DRY																
K101-SULLYAPADAV	RIVER DRY																

Station code	Total Coliform,M PN/100ML	Fecal Coliform,M PN/100ML	Sodium Absorption Ration(SAR)
3473-PARASSINIKKADAVU	400	200	37.3
K96(VL1)-VALAPATTANAM	100	50	40
K95(VL2)-CHENGALAYI	300	120	2
K94(VL3)-IRIKKUR	50	10	54
K97-YETHADUKA	7120	360	2.823
K98-BAKILLAPADAV	4800	30	1.9424
K99-SWARGATHODU	970	390	0.95475
K100-VANINAGAR			RIVER DRY
K101-SULLYAPADAV			RIVER DRY