

KSPCB-SWMP DATA FOR THE MONTH OF JANUARY-2024

Station code	Date& Time of Sample	Type of water body	Name of water body	District	Agency
R5196/K1- PEPPARA	12-01-0224, 8:10 AM	RIVER	KARAMANA	THIRUVANANTHAPURAM	KSPCB
R3471- ARUVIKKARA	12-01-2024, 8:20 AM	RIVER	KARAMANA	THIRUVANANTHAPURAM	KSPCB
K2- MANGATTUKADAVU	12-01-2024, 8:45 AM	RIVER	KARAMANA	THIRUVANANTHAPURAM	KSPCB
K3- PALLATHUKADAVU	09-01-2024, 8:20 AM	RIVER	KARAMANA	THIRUVANANTHAPURAM	KSPCB
R5195- THIRUVALLOM	09-01-2024, 8:40 AM	RIVER	KARAMANA	THIRUVANANTHAPURAM	KSPCB
R1155- MOONNATTUMUKKU	09-01-2024, 9:10 AM	RIVER	KARAMANA	THIRUVANANTHAPURAM	KSPCB
K116- AGRICULTURAL COLLEGE	05-01-2024, 8:10 AM	LAKE	VELLAYANI	THIRUVANANTHAPURAM	KSPCB
L3470, VANDITHADAM	05-01-2024, 8:25 AM	LAKE	VELLAYANI	THIRUVANANTHAPURAM	KSPCB
K113- KAKKAMOOLA(RIGHT)	05-01-2024, 8:40 AM	LAKE	VELLAYANI	THIRUVANANTHAPURAM	KSPCB
K112-KAKKAMOOLA(LEFT)	05-01-2024, 8:45 AM	LAKE	VELLAYANI	THIRUVANANTHAPURAM	KSPCB
K115-VAVVAMOOLA(RIGHT)	05-01-2024, 9:00 AM	LAKE	VELLAYANI	THIRUVANANTHAPURAM	KSPCB
K114-VAVVAMOOLA(LEFT)	05-01-2024, 9:11 AM	LAKE	VELLAYANI	THIRUVANANTHAPURAM	KSPCB
K-10-ARUVAPULAM	11.01.2024	RIVER	ACHENCOVIL	PATHANAMTHITTA	KSPCB
K-11-KONNI	11.01.2024	RIVER	ACHENCOVIL	PATHANAMTHITTA	KSPCB
K-12-KUMBAZHA	11.01.2024	RIVER	ACHENCOVIL	PATHANAMTHITTA	KSPCB
K-13 -PALLIPAD	11.01.2024	RIVER	ACHENCOVIL	ALAPPUZHA	KSPCB
3466-PANDALAM	11.01.2024	RIVER	ACHENCOVIL	PATHANAMTHITTA	KSPCB
K-117 -AMBALAKKADAVU	05.01.2024	LAKE	SASTAMKOTTA	KOLLAM	KSPCB
K-118 KWA PUMPHOUSE	05.01.2024	LAKE	SASTAMKOTTA	KOLLAM	KSPCB
K-119 KOTTAKUZHY	05.01.2024	LAKE	SASTAMKOTTA	KOLLAM	KSPCB
K-120 VILANTHARA	05.01.2024	LAKE	SASTAMKOTTA	KOLLAM	KSPCB
K-122 VATTOLIKKADAVU	05.01.2024	LAKE	SASTAMKOTTA	KOLLAM	KSPCB
K-121 POTTAKKANANNAN MUKKU	05.01.2024	LAKE	SASTAMKOTTA	KOLLAM	KSPCB
K-1385 SASTHAMKOTTA	05.01.2024	LAKE	SASTAMKOTTA	KOLLAM	KSPCB
K-5 KOTTUVAMUKKU	01.01.2024	RIVER	ITHIKKARA	KOLLAM	KSPCB

Station code	Colour	Flow rate	Odour	Visible Discharge	Human activity around the station
R5196/K1- PEPPARA	Clear, Light=1		NONE	None	Tourism Spot
R3471- ARUVIKKARA	Clear, Light=1		NONE	None	Tourism Spot
K2- MANGATTUKADAVU	Clear, Light=1		NONE	None	Bathing
K3- PALLATHUKADAVU	Clear, Light=1		NONE	None	Torism Spot, Fishing, Bathing
R5195- THIRUVALLOM	Clear, Light=1		NONE	Municipal sewage	fishing
R1155- MOONNATTUMUKKU	Clear, Light=1		NONE	Municipal sewage	other
K116- AGRICULTURAL COLLEGE	Clear, Light=1		NONE	None	other
L3470, VANDITHADAM	Clear, Light=1		NONE	None	cattle wading,tourism spot, fishing, bathing
K113- KAKKAMOOLA(RIGHT)	Clear, Light=1		NONE	None	tourism spot, fishing
K112-KAKKAMOOLA(LEFT)	Clear, Light=1		NONE	None	tourism spot, fishing
K115-VAVVAMOOLA(RIGHT)	Clear, Light=1		NONE	None	fishing
K114-VAVVAMOOLA(LEFT)	Clear, Light=1		NONE	None	fishing
K-10-ARUVAPULAM	CLEAR, 1= LIGHT		NONE	NONE	BATHING
K-11-KONNI	CLEAR, 1= LIGHT		NONE	NONE	BATHING
K-12-KUMBAZHA	CLEAR, 1= LIGHT		NONE	NONE	BATHING
K-13 -PALLIPAD	CLEAR, 1= LIGHT		NONE	NONE	FISHING,BATHING
3466-PANDALAM	CLEAR, 1= LIGHT		NONE	NONE	BATHING,FISHING,TOURISM SPOT,
K-117 -AMBALAKKADAVU	CLEAR, 1= LIGHT		NONE	NONE	PILGRIM CENTRE/BATHING
K-118 KWA PUMPHOUSE	CLEAR		NONE	NONE	
K-119 KOTTAKUZHY	CLEAR		NONE	NONE	BATHING
K-120 VILANTHARA	CLEAR		NONE	NONE	BATHING
K-122 VATTOLIKKADAVU	CLEAR		NONE	NONE	FISHING,BATHING
K-121 POTTAKKANANNAN MUKKU	CLEAR		NONE	NONE	BATHING
K-1385 SASTHAMKOTTA	CLEAR		NONE	NONE	
K-5 KOTTUVAMUKKU	CLEAR		NONE	NONE	CATTLE,BATHING

Station code	Location details	Major Polluting sources
R5196/K1- PEPPARA	water intake	NONE
R3471- ARUVIKKARA	pilgrims centre /bathing ghat/water intake	NONE
K2- MANGATTUKADAVU	pilgrims centre /bathing ghat/water intake	
K3- PALLATHUKADAVU	NONE	OTHER
R5195- THIRUVALLOM	pilgrims centre /bathing	MSW, PW
R1155- MOONNATTUMUKKU	pilgrims centre /bathing , D/S	MSW, PW
K116- AGRICULTURAL COLLEGE	none	NONE
L3470, VANDITHADAM	NONE	NONE
K113- KAKKAMOOLA(RIGHT)	NONE	NONE
K112-KAKKAMOOLA(LEFT)	NONE	NONE
K115-VAVVAMOOLA(RIGHT)	NONE	NONE
K114-VAVVAMOOLA(LEFT)	NONE	NONE
K-10-ARUVAPULAM	U/S OF TOWN	NONE
K-11-KONNI	U/S OF TOWN	NONE
K-12-KUMBAZHA	U/S OF TOWN	NONE
K-13 -PALLIPAD	U/S OF TOWN	NONE
3466-PANDALAM	U/S OF TOWN	NONE
K-117 -AMBALAKKADAVU	U/S OF TOWN	NONE
K-118 KWA PUMPHOUSE	D/S OF TOWN	NONE
K-119 KOTTAKUZHY	D/S OF TOWN	NONE
K-120 VILANTHARA	D/S OF TOWN	NONE
K-122 VATTOLIKKADAVU	D/S OF TOWN	NONE
K-121 POTTAKKANANNAN MUKKU	D/S OF TOWN	NONE
K-1385 SASTHAMKOTTA	D/S OF TOWN	NONE
K-5 KOTTUVAMUKKU	D/S OF TOWN	NONE

Station code	Use of Water in Down stream
R5196/K1- PEPPARA	Irrigation, Drinking water source, organised water source, Cultivation
R3471- ARUVIKKARA	Irrigation, Drinking water source, Cultivation, Bathing ghat
K2- MANGATTUKADAVU	Irrigation, Bathing Ghat
K3- PALLATHUKADAVU	Fishing, Bathing Ghat
R5195- THIRUVALLOM	Fishing, Bathing Ghat, Cultivation
R1155- MOONNATTUMUKKU	
K116- AGRICULTURAL COLLEGE	Irrigation
L3470, VANDITHADAM	Irrigation, Drinking water source, Fishing, Cultivation
K113- KAKKAMOOLA(RIGHT)	Irrigation
K112-KAKKAMOOLA(LEFT)	Irrigation, Fishing
K115-VAVVAMOOLA(RIGHT)	Irrigation, Fishing
K114-VAVVAMOOLA(LEFT)	Irrigation, Fishing
K-10-ARUVAPULAM	BATHING
K-11-KONNI	BATHING
K-12-KUMBAZHA	BATHING
K-13 -PALLIPAD	FISHING,BATHING
3466-PANDALAM	BATHING,FISHING,TOURISM SPOT,CATTLE
K-117 -AMBALAKKADAVU	OTHER
K-118 KWA PUMPHOUSE	IRRIGATION
K-119 KOTTAKUZHY	BATHING
K-120 VILANTHARA	DOMESTIC
K-122 VATTOLIKKADAVU	FISHING,BATHING
K-121 POTTAKKANANNAN MUKKU	BATHING
K-1385 SASTHAMKOTTA	
K-5 KOTTUVAMUKKU	CULTIVATION

Station code	Temperature oC	Dissolved Oxygen,mg/L	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
R5196/K1- PEPPARA	28	8.3	6.1	65	1.3	BDL	0.9	16	12	BDL	16	10
R3471- ARUVIKKARA	28	8.5	6.2	85	1.9	BDL	2	20	16	BDL	18	10
K2- MANGATTUKADAVU	29	7	6.3	149	1.6	BDL	2.1	18	36	BDL	24	14
K3- PALLATHUKADAVU	29	4	6.1	139	2.5	BDL	2.5	30	32	BDL	40	28
R5195- THIRUVALLOM	28	3.4	6.4	761	3.8	BDL	3.5	40	220	BDL	104	80
R1155- MOONNATTUMUKKU	29	0.4	6.7	590	8.8	BDL	7.3	124	108	BDL	132	112
K116- AGRICULTURAL COLLEGE	29	5.6	6.2	170	2.8	BDL	5.4	40	32	BDL	40	36
L3470, VANDITHADAM	28	4.7	6.2	166	3	BDL	5.6	40	32	BDL	40	36
K113- KAKKAMOOLA(RIGHT)	29	6.3	6.3	180	2.2	BDL	7.2	38	36	BDL	38	30
K112-KAKKAMOOLA(LEFT)	29	6.5	6.3	180	2.4	BDL	6.5	40	36	BDL	40	34
K115-VAVVAMOOLA(RIGHT)	28	5.1	6.4	185	3.2	BDL	7.3	40	36	BDL	38	32
K114-VAVVAMOOLA(LEFT)	28	4.5	6.2	182	3.1	BDL	7.4	40	36	BDL	38	28
K-10-ARUVAPULAM	26	6.2	6.5	68.34	0.4	3.1	5.6	18	28	NA	23	10
K-11-KONNI	27	6.1	6.5	64.2	0.7	2.1	3.4	17	17	NA	13	8
K-12-KUMBAZHA	26	6.3	6.4	68.78	2.4	1.6	3.1	20	18	NA	16	10
K-13 -PALLIPAD	26	6.5	6.6	69.39	0.1	2	2.6	20	15	NA	13	10
3466-PANDALAM	27	5.9	6.6	89.08	0.4	2.3	3.2	21	11	NA	22	12
K-117 -AMBALAKKADAVU	26.7	7.1	6.5	70.92	0.7	2.8	10.2	14	23	NA	11	9
K-118 KWA PUMPHOUSE	27	7.5	6.6	110	2.5	1.2	2.3	35	14	NA	22	10
K-119 KOTTAKUZHY	27	8.4	6.2	66.16	1.9	2.4	7.6	12	22	NA	9	4
K-120 VILANTHARA	27.3	8.2	6.3	82.6	2.6	3	4.7	11	22	NA	12	5
K-122 VATTOLIKKADAVU	26.9	8.5	6.9	88.95	2.2	0.3	8	18	26	NA	10	7
K-121 POTTAKKANANNAN MUKKU	26.8	6.4	6.7	88.63	1.7	2	4.3	13	18	NA	17	10
K-1385 SASTHAMKOTTA	27.3	6.5	6.7	120	1.5	1.4	3.3	19	16	NA	23	11
K-5 KOTTUVAMUKKU	26.8	7.4	7.2	4468	2.9	1.8	1.7	26	2500	NA	800	600

Station code	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	Total Coliform, MPN/100 ML	Fecal Coliform,MPN /100ML	Sodium Absorption Ratio(SAR)
R5196/K1- PEPPARA	6	BDL	6.3	37	BDL	0	1.2	700	400	0.7
R3471- ARUVIKKARA	8	BDL	8.6	48	BDL	0	2.1	1100	600	0.9
K2- MANGATTUKADAVU	10	BDL	18.9	82	BDL	0	3.1	1600	1400	1.7
K3- PALLATHUKADAVU	12	BDL	17.3	87	BDL	0	3.2	4100	2200	1.2
R5195- THIRUVALLOM	24	10	113.5	430	BDL	0	18.6	5900	3700	4.8
R1155- MOONNATTUMUKKU	20	7	55.9	322	BDL	0	8.6	35200	24800	2.1
K116- AGRICULTURAL COLLEGE	4	BDL	16.6	95	BDL	0	5.2	3300	2000	1.1
L3470, VANDITHADAM	4	BDL	16.5	91	BDL	0	3.1	3100	1800	1.1
K113- KAKKAMOOLA(RIGHT)	8	BDL	18.6	98	BDL	0	4.5	3300	2500	1.3
K112-KAKKAMOOLA(LEFT)	6	BDL	18.6	99	BDL	0	3.8	3900	3700	0.2
K115-VAVVAMOOLA(RIGHT)	6	BDL	18.6	103	BDL	0	5.5	3100	1900	1.3
K114-VAVVAMOOLA(LEFT)	10	BDL	18.7	100	BDL	0	5.9	2800	1500	1.3
K-10-ARUVAPULAM	13	BDL	4.07	36.5	BDL	NA	1.34	280	70	0.4
K-11-KONNI	5	BDL	4.14	35.3	BDL	NA	1.4	290	80	0.5
K-12-KUMBAZHA	6	BDL	4.25	36.2	BDL	NA	1.43	280	90	0.8
K-13 -PALLIPAD	3	BDL	4.1	40.1	BDL	NA	1.39	350	90	0.5
3466-PANDALAM	10	BDL	5.83	52	BDL	NA	1.44	770	110	0.5
K-117 -AMBALAKKADAVU	2	BDL	6.06	41.2	BDL	NA	0.71	370	90	0.8
K-118 KWA PUMPHOUSE	12	BDL	9.32	65	52	NA	1.2	560	140	0.9
K-119 KOTTAKUZHY	5	BDL	6.19	47.6	BDL	NA	0.92	330	100	0.9
K-120 VILANTHARA	7	BDL	6.41	45.6	BDL	NA	0.79	360	90	0.8
K-122 VATTOLIKKADAVU	3	BDL	6.2	45.3	BDL	NA	0.8	400	120	0.9
K-121 POTTAKKANANNAN MUKKU	7	BDL	13.07	47.5	BDL	NA	3.8	290	100	1.4
K-1385 SASTHAMKOTTA	12	BDL	8.33	68	BDL	NA	2.2	570	150	0.9
K-5 KOTTUVAMUKKU	200	BDL	432	2340	BDL	NA	26	430	100	6.6

Station code	Date& Time of Sample	Type of water body	Name of water body	District	Agency
1564 AYOOR	01.01.2024	RIVER	ITHIKKARA	KOLLAM	KSPCB
K6-VELLINALOOR	01.01.2024	RIVER	ITHIKKARA	KOLLAM	KSPCB
2287- ITHIKKARA	01.01.2024	RIVER	ITHIKKARA	KOLLAM	KSPCB
K-7 UPPUKADAVU	01.01.2024	RIVER	ITHIKKARA	KOLLAM	KSPCB
K-14 URUKUNNU	08.01.2024	RIVER	KALLADA	KOLLAM	KSPCB
K-15 PUNALUR	08.01.2024	RIVER	KALLADA	KOLLAM	KSPCB
K-16 PATHANAPURAM	08.01.2024	RIVER	KALLADA	KOLLAM	KSPCB
K-17 ENATH	08.01.2024	RIVER	KALLADA	KOLLAM	KSPCB
K-18 KANNAMKOTTU KADAVU	05.01.2024	RIVER	KALLADA	KOLLAM	KSPCB
42 PERUMTHOTTA KADAVU	08.01.2024	RIVER	KALLADA	KOLLAM	KSPCB
K-8 ADOOR	08.01.2024	RIVER	PALLICKAL	KOLLAM	KSPCB
2288- NELLIMUGHAL	08.01.2024	RIVER	PALLICKAL	KOLLAM	KSPCB
K-9 THODIYOOR	08.01.2024	RIVER	PALLICKAL	KOLLAM	KSPCB
K-153 POORORKKARA	05.01.2024	LAKE	VATTAKKAYAL	KOLLAM	KSPCB
K19- KOCHUPAMBA	20-01-2024, 3.00PM	RIVER	PAMBA	PATHANAMTHITTA	KSPCB
K20 - KAKKIYAR	20-01-2024, 2.45PM	RIVER	PAMBA	PATHANAMTHITTA	KSPCB
K21- TRIVENI PAMBA U/S	20-01-2024, 2.45PM	RIVER	PAMBA	PATHANAMTHITTA	KSPCB
K22- NJUNANGAR	20-01-2024, 2.30 PM	RIVER	PAMBA	PATHANAMTHITTA	KSPCB
K23 - VADASSERIKKRA	20-01-2024, 5.00 PM	RIVER	PAMBA	PATHANAMTHITTA	KSPCB
K24 - ATHIKAYAM	20-01-2024, 8.00 AM	RIVER	PAMBA	PATHANAMTHITTA	KSPCB
K25 - RANNI	20-01-2024, 7.30 AM	RIVER	PAMBA	PATHANAMTHITTA	KSPCB
K 26- KOZHENCHERY	20-01-2024, 12.00 PM	RIVER	PAMBA	PATHANAMTHITTA	KSPCB
K27- EDATUA	20-01-2024, 10.00 AM	RIVER	PAMBA	ALAPPUZHA	KSPCB
K28 - PULINKUNNU	20-01-2024, 7.30 AM	RIVER	PAMBA	ALAPPUZHA	KSPCB
K140 -THAKAZHI	20-01-2024, 9.00AM	RIVER	PAMBA	ALAPPUZHA	KSPCB
K139- CHENGANNOOR	20-01-2024, 11.00AM	RIVER	PAMBA	ALAPPUZHA	KSPCB
K 138- PAMBA D/S	20-01-2024, 2.00PM	RIVER	PAMBA	PATHANAMTHITTA	KSPCB

Station code	Colour	Flow rate	Odour	Visible Discharge	Human activity around the station
1564 AYOOR	CLEAR		NONE	NONE	BATHING
K6-VELLINALOOR	CLEAR		NONE	NONE	BATHING
2287- ITHIKKARA	TURBID		NONE	NONE	FISHING
K-7 UPPUKADAVU	CLEAR		FISHY	NONE	BATHING
K-14 URUKUNNU	TURBID		NONE	NONE	
K-15 PUNALUR	TURBID		NONE	MUNICIPAL SEWAG	BATHING
K-16 PATHANAPURAM	CLEAR		NONE	NONE	BATHING
K-17 ENATH	CLEAR		NONE	NONE	BATHING
K-18 KANNAMKOTTU KADAVU	GREEN		NONE	NONE	BATHING
42 PERUMTHOTTA KADAVU	TURBID		FISHY	NONE	BATHING
K-8 ADOOR	CLEAR		NONE	NONE	BATHING
2288- NELLIMUGHAL	CLEAR		NONE	NONE	BATHING
K-9 THODIYOOR	CLEAR		NONE	NONE	
K-153 POORORKKARA	TURBID, 3= HIGH		NONE	NONE	
K19- KOCHUPAMBA	CLEAR, 1= LIGHT		OTHER	NONE	TOURISM SPOT
K20 - KAKKIYAR	CLEAR, 1= LIGHT		OTHER	NONE	TOURISM SPOT
K21- TRIVENI PAMBA U/S	CLEAR, 1= LIGHT		OTHER	NONE	TOURISM SPOT
K22- NJUNANGAR	CLEAR, 1= LIGHT		OTHER	NONE	TOURISM SPOT
K23 - VADASSERIKKRA	CLEAR, 1= LIGHT		OTHER	NONE	OTHER
K24 - ATHIKAYAM	CLEAR, 1= LIGHT		OTHER	NONE	OTHER
K25 - RANNI	CLEAR, 1= LIGHT		OTHER	NONE	OTHER
K 26- KOZHENCHERY	CLEAR, 1= LIGHT		OTHER	NONE	OTHER
K27- EDATUA	CLEAR, 1= LIGHT		OTHER	NONE	BATHING
K28 - PULINKUNNU	CLEAR, 1= LIGHT		OTHER	NONE	OTHER
K140 -THAKAZHI	CLEAR, 1= LIGHT		OTHER	NONE	BATHING
K139- CHENGANNOOR	CLEAR, 1= LIGHT		OTHER	NONE	OTHER
K 138- PAMBA D/S	CLEAR, 1= LIGHT		OTHER	NONE	TOURISM SPOT

Station code	Location details	Major Polluting sources
1564 AYOOR	D/S OF TOWN	OTHER
K6-VELLINALOOR	D/S OF TOWN	NONE
2287- ITHIKKARA	D/S OF TOWN	NONE
K-7 UPPUKADAVU	D/S OF TOWN	OTHER
K-14 URUKUNNU	U/S OF TOWN	NONE
K-15 PUNALUR	U/S OF TOWN	MSW
K-16 PATHANAPURAM	U/S OF TOWN	NONE
K-17 ENATH	D/S OF TOWN	NONE
K-18 KANNAMKOTTU KADAVU	D/S OF TOWN	NONE
42 PERUMTHOTTA KADAVU		NONE
K-8 ADOOR	D/S OF TOWN	NONE
2288- NELLIMUGHAL	D/S OF TOWN	NONE
K-9 THODIYOOR	D/S OF TOWN	NONE
K-153 POORORKKARA	D/S OF TOWN	INDUSTRIAL
K19- KOCHUPAMBA	Pilgrim centre, bathing Ghat, water intake	OTHER
K20 - KAKKIYAR	Pilgrim centre, bathing Ghat, water intake	OTHER
K21- TRIVENI PAMBA U/S	Pilgrim centre, bathing Ghat, water intake	OTHER
K22- NJUNANGAR	Pilgrim centre, bathing Ghat, water intake	OTHER
K23 - VADASSERIKKRA	NONE	OTHER
K24 - ATHIKAYAM	NONE	OTHER
K25 - RANNI	NONE	OTHER
K 26- KOZHENCHERY	NONE	OTHER
K27- EDATUA	NONE	OTHER
K28 - PULINKUNNU	NONE	OTHER
K140 -THAKAZHI	NONE	OTHER
K139- CHENGANNOOR	NONE	OTHER
K 138- PAMBA D/S	Pilgrim centre, bathing Ghat, water intake	OTHER

Station code	Use of Water in Down stream
1564 AYOOR	BATHING
K6-VELLINALOOR	PILGRIM CENTRE/BATHING
2287- ITHIKKARA	
K-7 UPPUKADAVU	
K-14 URUKUNNU	FISHING
K-15 PUNALUR	BATHING
K-16 PATHANAPURAM	BATHING
K-17 ENATH	
K-18 KANNAMKOTTU KADAVU	BATHING
42 PERUMTHOTTA KADAVU	
K-8 ADOOR	BATHING
2288- NELLIMUGHAL	BATHING
K-9 THODIYOOR	
K-153 POORORKKARA	
K19- KOCHUPAMBA	Domestic, Others
K20 - KAKKIYAR	Domestic, Others
K21- TRIVENI PAMBA U/S	Domestic, Others
K22- NJUNANGAR	Domestic, Others
K23 - VADASSERIKKRA	Others
K24 - ATHIKAYAM	Others
K25 - RANNI	Others
K 26- KOZHENCHERY	Others
K27- EDATUA	Others
K28 - PULINKUNNU	Others
K140 -THAKAZHI	Irrigation, Others
K139- CHENGANNOOR	Irrigation, Others
K 138- PAMBA D/S	Domestic, Others

Station code	Temperature oC	Dissolved Oxygen,m g/L	pH	Conductivity, umhos/cm	BOD mg/L	Nitrate N,mg/L	Turbidity,N TU	Total Alkalinity,mg/L	Chloride,mg/L	Ammoniacal-N,mg/L	Hardness as CaCO3 ,mg/L	Calcium as CaCO3,mg/L
1564 AYOOR	26	6.7	7.1	4341	1.8	2.9	0.5	38	1260	NA	600	350
K6-VELLINALOOR	27.3	7.7	7.3	9052	2.8	2.1	BDL	28	4500	NA	1800	500
2287- ITHIKKARA	27.5	7	8.1	4709	1	3.6	1.2	12	1490	NA	600	420
K-7 UPPUKADAVU	27.3	7.4	7.8	9040	2.5	3.4	0.4	33	3700	NA	1000	300
K-14 URUKUNNU	27.4	7.7	6.9	44.22	2.1	4.2	BDL	17	15	NA	12	2
K-15 PUNALUR	27.7	8.8	6.9	45.18	2	3.7	BDL	13	15	NA	22	4
K-16 PATHANAPURAM	27.3	8.3	7.1	49.13	0.8	3.4	0.8	15	15	NA	26	9
K-17 ENATH	27.4	7.4	6.8	48.77	1.9	3.2	2.4	221	43	NA	21	7
K-18 KANNAMKOTTU KADAVU	26.7	6.4	6.2	2600	1.4	2.4	1.8	28	1800	NA	780	520
42 PERUMTHOTTA KADAVU	25.9	8.4	7.1	119.6	0.8	3.6	BDL	16	11	NA	38	18
K-8 ADOOR	27.1	5.7	6.8	114.8	1.9	3.6	7.6	2	25	NA	24	8
2288- NELLIMUGHAL	28.6	6.2	6.9	110.68	1.1	5.4	18.5	20	11	NA	28	12
K-9 THODIYOOR	26.8	7.4	6.9	158.1	1.6	5.5	12.9	23	30	NA	19	7
K-153 POORORKKARA	26	1.5	4.9	8561	6.5	NA	5	_	1700	NA	400	100
K19- KOCHUPAMBA	28	7.3	7.2	44.16	0.8	0.146	0.8	10	8	0.14	20	12
K20 - KAKKIYAR	28	7	6.8	48.52	1.4	0.172	1.5	12	10	0.156	22	12
K21- TRIVENI PAMBA U/S	28	7.1	6.6	48.24	1.1	0.233	2.2	9	12	BDL	22	14
K22- NJUNANGAR	28	6.5	6.5	60.56	2.9	0.886	4.8	14	10	0.721	24	14
K23 - VADASSERIKKRA	27	6.4	6.8	52.46	1.8	0.174	1.7	12	10	BDL	24	16
K24 - ATHIKAYAM	27	6.3	6.8	50.12	1.7	BDL	1.8	11	10	0.146	22	12
K25 - RANNI	27	6	6.6	54.1	1.5	BDL	1.9	12	10	BDL	24	14
K 26- KOZHENCHERY	27	6.1	6.4	52.34	1.6	BDL	1.8	12	10	0.148	24	14
K27- EDATUA	26	5.9	6.2	54.1	1.7	0.156	2.4	12	10	0.356	24	14
K28 - PULINKUNNU	26	5.8	6.1	58.18	1.6	0.124	2.5	12	10	0.148	24	14
K140 -THAKAZHI	26	6.4	6.3	53.79	1.1	0.194	1	9	8	BDL	22	12
K139- CHENGANNOOR	28	6.4	6.5	51.88	1.1	0.218	1	11	10	BDL	20	12
K 138- PAMBA D/S	28	6.3	6.6	63.58	2.3	0.197	2.5	10	10	BDL	22	14

Station code	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	Total Coliform, MPN/100 ML	Fecal Coliform,MPN /100ML	Sodium Absorption Ratio(SAR)
1564 AYOOR	250	BDL	650	2546	0.057	BDL	23	750	180	11.5
K6-VELLINALOOR	1300	22.31	912	4700	BDL	NA	48	440	120	9.4
2287- ITHIKKARA	180	BDL	772	2751	BDL	NA	19	780	240	13.7
K-7 UPPUKADAVU	700	26.5	99.57	4115	BDL	NA	29	900	250	0.1
K-14 URUKUNNU	10	BDL	2.84	37.8	1.11	NA	1.26	400	100	0.4
K-15 PUNALUR	18	BDL	5.61	23.9	BDL	NA	1.37	450	130	0.5
K-16 PATHANAPURAM	17	BDL	3.03	25.2	BDL	NA	1.31	390	140	0.5
K-17 ENATH	14	BDL	3.3	25.1	BDL	NA	1.51	470	270	0.3
K-18 KANNAMKOTTU KADAVU	260	BDL	430	1300	BDL	NA	36	470	170	6.7
42 PERUMTHOTTA KADAVU	20	4.2	6.66	69.2	BDL	BDL	1.66	720	150	0.5
K-8 ADOOR	16	BDL	6.39	53.1	1.428	NA	4.18	430	160	0.6
2288- NELLIMUGHAL	16	BDL	5.87	68.3	0.0442	NA	1.49	620	150	0.5
K-9 THODIYOOR	12	BDL	376	80	BDL	NA	2.6	570	110	1.2
K-153 POORORKKARA	300	BDL	376	4371	BDL	NA	23	10	NIL	2.8
K19- KOCHUPAMBA	8	0.7	4.4	30	BDL	BDL	0.184	8000	2500	0.4277
K20 - KAKKIYAR	10	1.4	4.8	34	BDL	BDL	0.182	11000	4000	0.4449
K21- TRIVENI PAMBA U/S	8	2.1	5.3	34	BDL	BDL	0.198	11100	3700	0.4913
K22- NJUNANGAR	10	1.9	5.5	42	BDL	BDL	0.418	89000	30000	0.4881
K23 - VADASSERIKKRA	10	1.8	5.1	36	BDL	BDL	0.23	490	90	0.4526
K24 - ATHIKAYAM	10	1.5	5.3	34	BDL	BDL	0.192	340	80	0.4912
K25 - RANNI	10	1.6	5.4	36	BDL	BDL	0.212	400	100	0.4792
K 26- KOZHENCHERY	10	2.1	4.6	34	BDL	BDL	0.18	360	90	0.4082
K27- EDATUA	10	1.8	5.7	36	BDL	BDL	0.72	390	130	0.5058
K28 - PULINKUNNU	10	1.4	5.3	36	BDL	BDL	0.24	370	90	0.4703
K140 -THAKAZHI	10	1.51	4.5	32	BDL	BDL	0.298	300	130	0.4171
K139- CHENGANNOOR	8	2.2	5.3	34	BDL	BDL	0.197	410	130	0.5152
K 138- PAMBA D/S	8	2.4	5.4	36	BDL	BDL	0.234	84500	28100	0.5005

Station code	Date& Time of Sample	Type of water body	Name of water body	District	Agency
KA-35 YENDAYAR	19-01-2024	RIVER	MANIMALA	BORDER- KOTTAYAM, IDUKKI	KSPCB
KA-36 KOOTTIKKAL	19-01-2024	RIVER	MANIMALA	BORDER- KOTTAYAM, IDUKKI	KSPCB
KA-37 ERUMALI	19-01-2024	RIVER	MANIMALA	KOTTAYAM	KSPCB
KA-38 PAZHAYIDAM	19-01-2024	RIVER	MANIMALA	KOTTAYAM	KSPCB
KA-39 VALAKKAYAM	19-01-2024	RIVER	MANIMALA	KOTTAYAM	KSPCB
KA-40 MANIMALA	19-01-2024	RIVER	MANIMALA	KOTTAYAM	KSPCB
KA-41 MALLAPALLY	19-01-2024	RIVER	MANIMALA	PATHANAMTHITTA	KSPCB
KA-42 THOTTABHAGAM	19-01-2024	RIVER	MANIMALA	PATHANAMTHITTA	KSPCB
K29-THEEKROY	06/01/2024,12.05 PM	RIVER	MEENACHIL	KOTTAYAM	KSPCB
K30- BHARANANGANAM	06/01/2024,12.20 PM	RIVER	MEENACHIL	KOTTAYAM	KSPCB
K31-KADAPPATTOOR	06/01/2024,12.45 PM	RIVER	MEENACHIL	KOTTAYAM	KSPCB
K32-PUNNATHURA	06/01/2024,01.15 PM	RIVER	MEENACHIL	KOTTAYAM	KSPCB
K33-THAZHATHANGADI	06/01/2024,01.30 PM	RIVER	MEENACHIL	KOTTAYAM	KSPCB
K34-KUMARAKOM	06/01/2024,02.15 PM	RIVER	MEENACHIL	KOTTAYAM	KSPCB
K43-MALANKARA	06/01/2024,03.45 PM	RIVER	MUVATTUPUZHA	KOTTAYAM	KSPCB
K44-MUVATTUPUZHA	06/01/2024,03.15 PM	RIVER	MUVATTUPUZHA	KOTTAYAM	KSPCB
K46-RAMAMANGALAM	06/01/2024,01.45 PM	RIVER	MUVATTUPUZHA	KOTTAYAM	KSPCB
K47-PIRAVOM	06/01/2024,12.35 PM	RIVER	MUVATTUPUZHA	KOTTAYAM	KSPCB
43-VETTIKKATTUMUKKU	06/01/2024,12.05 PM	RIVER	MUVATTUPUZHA	KOTTAYAM	KSPCB
K48-MURINJAPUZHA	06/01/2024,11.00 AM	RIVER	MUVATTUPUZHA	KOTTAYAM	KSPCB
K127-CANAL SHUTTER	23/01/2024,09.40 AM	RIVER	PERIYAR	KOTTAYAM	KSPCB
K128-BOAT LANDING	23/01/2024,10.10 AM	RIVER	PERIYAR	KOTTAYAM	KSPCB
1576-DAM SITE	23/01/2024,11.00 AM	RIVER	PERIYAR	KOTTAYAM	KSPCB
K129-PADIKKAYAM	23/01/2024,11.20 AM	RIVER	PERIYAR	KOTTAYAM	KSPCB
K130-THANNIKUDY	23/01/2024,11.50 AM	RIVER	PERIYAR	KOTTAYAM	KSPCB
K108-Nallathanni	03/01/2024,12.30 pm	River	Periyar	Idukki	KSPCB
K109-Kundala	03/01/2024,12.45 pm	River	Periyar	Idukki	KSPCB
K110-Muthirapuzha	03/01/2024,1.15 pm	River	Periyar	Idukki	KSPCB

Station code	Colour	Flow rate	Odour	Visible Discharge	Human activity around the station
KA-35 YENDAYAR	CLEAR		NONE	NONE	BATHING
KA-36 KOOTTIKKAL	CLEAR		NONE	NONE	BATHING
KA-37 ERUMALI	CLEAR		NONE	NONE	BATHING, FISHING
KA-38 PAZHAYIDAM	CLEAR		NONE	NONE	BATHING, FISHING
KA-39 VALAKKAYAM	CLEAR		NONE	NONE	BATHING, FISHING
KA-40 MANIMALA	CLEAR		NONE	NONE	BATHING, FISHING
KA-41 MALLAPALLY	CLEAR		NONE	NONE	BATHING, FISHING
KA-42 THOTTABHAGAM	CLEAR		NONE	NONE	FISHING
K29-THEEKOY	CLEAR, 1= LIGHT		NONE	NONE	BATHING
K30- BHARANANGANAM	CLEAR, 1= LIGHT		NONE	NONE	BATHING
K31-KADAPPATTOOR	CLEAR, 1= LIGHT		NONE	NONE	BATHING
K32-PUNNATHURA	CLEAR, 1= LIGHT		NONE	NONE	CATTLE WADING,FISHING
K33-THAZHATHANGADI	CLEAR, 1= LIGHT		NONE	NONE	BATHING
K34-KUMARAKOM	CLEAR, 1= LIGHT		NONE	NONE	TOURISM SPOT ,FISHING
K43-MALANKARA	CLEAR, 1= LIGHT		NONE	NONE	OTHER
K44-MUVATTUPUZHA	CLEAR, 1= LIGHT		NONE	NONE	BATHING
K46-RAMAMANGALAM	CLEAR, 1= LIGHT		NONE	NONE	FISHING
K47-PIRAVOM	CLEAR, 1= LIGHT		NONE	NONE	BATHING
43-VETTIKATTUMUKKU	CLEAR, 1= LIGHT		NONE	NONE	BATHING
K48-MURINJAPUZHA	CLEAR, 1= LIGHT		NONE	NONE	OTHER
K127-CANAL SHUTTER	CLEAR, 1= LIGHT		NONE	NONE	OTHER
K128-BOAT LANDING	CLEAR, 1= LIGHT		NONE	NONE	TOURISM SPOT ,FISHING
1576-DAM SITE	CLEAR, 1= LIGHT		NONE	NONE	OTHER
K129-PADIKKAYAM	CLEAR, 1= LIGHT		NONE	NONE	OTHER
K130-THANNIKUDY	CLEAR, 1= LIGHT		NONE	NONE	OTHER
K108-Nallathanni	Clear		None	None	None
K109-Kundala	Clear		None	None	None
K110-Muthirapuzha	Clear		None	None	None

Station code	Location details	Major Polluting sources
KA-35 YENDAYAR	NONE	None
KA-36 KOOTTIKKAL	U/S Town or Industrial area	MSW, PW
KA-37 ERUMALI	Pilgrim center/Bathing Ghat	Other
KA-38 PAZHAYIDAM	None	PW, Other
KA-39 VALAKKAYAM	None	Other
KA-40 MANIMALA	D/s of Town or Industrial area	MSW, PW, Other
KA-41 MALLAPALLY	D/s of Town or Industrial area	MSW, PW, Other
KA-42 THOTTABHAGAM	None	Other, MSW
K29-THEEKOY	NONE	NONE
K30- BHARANANGANAM	NONE	NONE
K31-KADAPPATTOOR	BATHING	NONE
K32-PUNNATHURA	NONE	NONE
K33-THAZHATHANGADI	BATHING GHAT	NONE
K34-KUMARAKOM	NONE	NONE
K43-MALANKARA	NONE	NONE
K44-MUVATTUPUZHA	BATHING GHAT	NONE
K46-RAMAMANGALAM	NONE	NONE
K47-PIRAVOM	NONE	NONE
43-VETTIKATTUMUKKU	NONE	NONE
K48-MURINJAPUZHA	NONE	NONE
K127-CANAL SHUTTER	NONE	NONE
K128-BOAT LANDING	NONE	NONE
1576-DAM SITE	NONE	NONE
K129-PADIKKAYAM	NONE	NONE
K130-THANNIKUDY	NONE	NONE
K108-Nallathanni	None	None
K109-Kundala	None	None
K110-Muthirapuzha	None	None

Station code	Use of Water in Down stream
KA-35 YENDAYAR	Fishing, Bathing Ghat, Domestic, Others
KA-36 KOOTTIKKAL	Irrigation, Drinking water, Fishing, Bathing Ghat, Domestic, Others
KA-37 ERUMALI	Fishing, Bathing Ghat, Domestic, Others
KA-38 PAZHAYIDAM	Fishing, Bathing Ghat, Others
KA-39 VALAKKAYAM	Fishing, Bathing Ghat, Domestic, Others
KA-40 MANIMALA	Fishing, Bathing Ghat, Others
KA-41 MALLAPALLY	Fishing, Bathing Ghat, Others
KA-42 THOTTABHAGAM	Bathing Ghat, Others
K29-THEEKROY	Others
K30- BHARANANGANAM	Others
K31-KADAPPATTOOR	BATHING GHAT
K32-PUNNATHURA	FISHING
K33-THAZHATHANGADI	BATHING GHAT
K34-KUMARAKOM	FISHING
K43-MALANKARA	IRRIGATION
K44-MUVATTUPUZHA	BATHING GHAT
K46-RAMAMANGALAM	CULTIVATION
K47-PIRAVOM	CULTIVATION
43-VETTIKATTUMUKKU	FISHING
K48-MURINJAPUZHA	OTHERS
K127-CANAL SHUTTER	OTHERS
K128-BOAT LANDING	IRRIGATION
1576-DAM SITE	IRRIGATION
K129-PADIKKAYAM	OTHERS
K130-THANNIKUDY	OTHERS
K108-Nallathanni	Domestic
K109-Kundala	Others
K110-Muthirapuzha	Others

Station code	Temperature oC	Dissolved Oxygen,m g/L	pH	Conductivity, umhos/cm	BOD mg/L	Nitrate N,mg/L	Turbidity,N TU	Total Alkalinity,mg/L	Chloride,mg/L	Ammoniacal-N,mg/L	Hardness as CaCO3 ,mg/L	Calcium as CaCO3,mg/L
KA-35 YENDAYAR	30	7.9	7.1	138	2	0.053	0.01	30	40	BDL	40	20
KA-36 KOOTTIKKAL	30	9.6	7.2	135	4.6	0.095	0.23	40	30	BDL	50	20
KA-37 ERUMALI	30	8	7.3	160	2.1	0.044	0.15	50	40	BDL	50	20
KA-38 PAZHAYIDAM	30	8.26	7.2	275	2.26	0.022	0.74	60	80	BDL	80	20
KA-39 VALAKKAYAM	30	9	7.6	234	4.6	0.041	0.42	50	60	BDL	60	20
KA-40 MANIMALA	29	9.4	7.4	246	4.27	0.058	0.41	40	80	BDL	60	20
KA-41 MALLAPALLY	29	8.1	7.1	213	2.57	0.041	0.47	50	60	1E-05	60	40
KA-42 THOTTABHAGAM	29	9.5	7.2	279	3.8	0.095	0.19	60	80	0.001	80	20
K29-THEEKOY	28	5.4	5.95	42.42	0.4	0.065	0.38	14	5	BDL	12	9
K30- BHARANANGANAM	27	5.7	6.19	41.29	0.6	0.636	3.68	15	5	BDL	12	10
K31-KADAPPATTOOR	28	7.4	6.15	43.27	0.9	0.605	4.21	16	4	BDL	13	9
K32-PUNNATHURA	28	6.8	6.21	42.86	0.7	0.662	3.36	12	5	BDL	13	10
K33-THAZHATHANGADI	28	5.9	6.18	41.96	0.8	0.502	3.63	13	4	BDL	14	7
K34-KUMARAKOM	27	3.7	6.19	88.7	0.5	0.391	1.87	26	13	BDL	25	13
K43-MALANKARA	27	7.7	6.5	41.23	1.2	0.069	1.03	18	3	BDL	14	7
K44-MUVATTUPUZHA	28	6.8	6.36	59.76	0.3	0.395	6.97	23	6	BDL	18	10
K46-RAMAMANGALAM	28	6.8	6.47	52.41	0.3	0.337	2.32	20	5	BDL	15	10
K47-PIRAVOM	28	4.9	6.25	57.26	0.5	0.385	1.35	22	5	BDL	20	15
43-VETTIKATTUMUKKU	28	5.6	6.26	61.37	0.5	0.32	1.22	20	8	BDL	18	14
K48-MURINJAPUZHA	27	5.6	6.27	1920	1.1	0.236	1.23	58	490	BDL	145	44
K127-CANAL SHUTTER	24	5.9	6.28	50.68	0.9	0.004	2.46	18	7	BDL	14	12
K128-BOAT LANDING	26	8	6.64	48.1	0.5	0.05	1.73	17	7	BDL	13	7
1576-DAM SITE	24	8.1	6.79	42.87	0.7	0.047	1.39	19	5	BDL	12	9
K129-PADIKKAYAM	25	8.9	6.45	42.36	0.4	0.039	3.13	18	5	BDL	13	8
K130-THANNIKUDY	24	6.3	6.62	41.57	0.2	0.04	3.7	19	4	BDL	14	12
K108-Nallathanni	22	7.4	6.34	79.23	2.7	0.269	2.8	4	6.434	0.1134	13	10
K109-Kundala	23	6.8	6.63	75.6	2	0.264	1.8	3	6.929	0.325	15	11
K110-Muthirapuzha	22	7	6.69	63.5	2.2	0.236	1.5	5	5.939	0.2722	14	12

Station code	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	Total Coliform, MPN/100 ML	Fecal Coliform,MPN /100ML	Sodium Absorption Ratio(SAR)
KA-35 YENDAYAR	20	2	21	96.5	BDL	BDL	0.2	6000	2700	1.4436
KA-36 KOOTTIKKAL	30	4	15.6	94	BDL	BDL	0	24000	4600	0.9592
KA-37 ERUMALI	30	2.5	21	112	BDL	BDL	0.1	15000	1600	1.1787
KA-38 PAZHAYIDAM	60	4	41.5	195	BDL	BDL	0.2	5900	3400	2.0173
KA-39 VALAKKAYAM	40	0.5	31.5	160	BDL	BDL	0.5	16000	2000	1.7681
KA-40 MANIMALA	40	3	42	172	BDL	BDL	0.2	4800	2600	2.3575
KA-41 MALLAPALLY	20	0	32	152	BDL	BDL	0.5	12000	2000	1.7962
KA-42 THOTTABHAGAM	60	2	41.5	198	BDL	BDL	0.2	9000	600	2.0173
K29-THEEKROY	3	1.9237	2.66	27	BDL	BDL	0.98	200	100	0.3
K30- BHARANANGANAM	2	1.358	2.73	28	BDL	BDL	1.15	300	150	0.3
K31-KADAPPATTOOR	4	1.7599	2.29	27	BDL	BDL	1.21	750	200	0.3
K32-PUNNATHURA	3	3.038	2.78	28	BDL	BDL	0.12	600	150	0.3
K33-THAZHATHANGADI	7	3.847	2.09	27	BDL	BDL	1	700	200	0.2
K34-KUMARAKOM	12	5.0683	6.79	54	BDL	BDL	2.34	300	100	0.6
K43-MALANKARA	7	2.6372	1.69	25	BDL	BDL	0.87	700	100	0.2
K44-MUVATTUPUZHA	8	2.8962	3.23	35	BDL	BDL	1.28	500	100	0.3
K46-RAMAMANGALAM	5	2.5424	2.89	31	BDL	BDL	1.47	150	NIL	0.3
K47-PIRAVOM	5	2.3189	2.67	35	BDL	BDL	1.11	400	100	0.3
43-VETTIKATTUMUKKU	4	2.7957	4.29	38	BDL	BDL	1.52	800	NIL	0.4
K48-MURINJAPUZHA	101	15.2106	255.32	1050	BDL	BDL	34.17	900	150	9.2
K127-CANAL SHUTTER	2	1.5062	3.71	30	BDL	BDL	1.01	300	100	0.4
K128-BOAT LANDING	6	0.9989	3.99	29	BDL	BDL	1.3	150	50	0.5
1576-DAM SITE	3	0.5338	2.89	26	BDL	BDL	1.05	NIL	NIL	0.4
K129-PADIKKAYAM	5	0.4492	2.96	27	BDL	BDL	1	NIL	NIL	0.4
K130-THANNIKUDY	2	0.5602	2.26	26	BDL	BDL	1.18	NIL	NIL	0.3
K108-Nallathanni	3	BDL	3.73	51.5	0.00543	BDL	1.67	3000	1800	0.45
K109-Kundala	4	BDL	4.57	49.14	0.00905	BDL	1.89	4100	1200	0.51
K110-Muthirapuzha	2	BDL	4.68	41.28	0.01267	BDL	2.2	3800	2100	0.54

Station code	Date& Time of Sample	Type of water body	Name of water body	District	Agency
K111-KSEB Dam	03/01/2024,1.25 pm	River	Periyar	Idukki	KSPCB
K107-Pambar	03/01/2024,3.30 pm	River	Pambar	Idukki	KSPCB
K106-Thoorkupalam	12/01/2024,11.30am	River	Thodupuzha	Idukki	KSPCB
K105-Vengalloor	12/01/2024,11.50 am	River	Thodupuzha	Idukki	KSPCB
K104-Near Pappootty Bar&Restaurant	12/01/2024,12.15 pm	River	Thodupuzha	Idukki	KSPCB
K103-Mooppilkadavu Bridge	12/01/2024,12.45 pm	River	Thodupuzha	Idukki	KSPCB
K102-Malankara Dam	12/01/2024,1.30 pm	River	Thodupuzha	Idukki	KSPCB
K 49 –PERINGAL BRIDGE	10/01/2024 2.30 PM	River	Chalakkudy	Thrissur	KSPCB
K50 –VETTELAPPARA	10/01/2024 2.00PM	River	Chalakkudy	Thrissur	KSPCB
K51-KANJIRAPALLY	10/01/2024 1.40 PM	River	Chalakkudy	Thrissur	KSPCB
K52-CHALAKUDY BRIDGE	10/01/2024 12.30 PM	River	Chalakkudy	Thrissur	KSPCB
K53-PULIKKAKADAVU	10/01/2024 11. 40 PM	River	Chalakkudy	Thrissur	KSPCB
K54-PALAPUZHAKADAVU	10/01/2024 11.00 AM	River	Chalakkudy	Thrissur	KSPCB
K55-KAINOOR	09/01/2024 3.05 PM	River	Karuvannur	Thrissur	KSPCB
K56-MUPLIYAM BRIDGE	09/01/2024 1.20 PM	River	Karuvannur	Thrissur	KSPCB
K57-PALAKKADAVU	09/01/2024 12.30 PM	River	Karuvannur	Thrissur	KSPCB
K58-KOTTENKODE	09/01/2024 11.00 PM	River	Karuvannur	Thrissur	KSPCB
K59-KARANCHIRA	09/01/2024 10.40 PM	River	Karuvannur	Thrissur	KSPCB
K60 NARAGAMPILLY	04/01/2024, 10.20 AM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB
K61 ARANGOTUKULAMBU	04/01/2024, 11.00 AM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB
K62 PARALI	03/01/2024, 9.45 AM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB
K63 TRIPALUR	04/01/2024, 12.50 PM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB
K64 MANGALAM	04/01/2024, 1.20 PM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB
K65 LAKKIDI	03/01/2024, 10.15 AM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB
K66 SHORNUR	03/01/2024, 11.10 AM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB
K67 THOOTH	03/01/2024, 12.10 PM	RIVER	BHARATHAPUZHA	PALAKKAD	KSPCB
K90 THAVALAM	05/01/2024, 11.55 AM	RIVER	BAVANI	PALAKKAD	KSPCB
K91 KOTTATHARA	05/01/2024, 1.50 PM	RIVER	BAVANI	PALAKKAD	KSPCB
k 78 KURUVANPUZHA	04/01/2024,1.15 PM	River	CHALIYAR	MALAPPURAM	KSPCB
k 79 VADAPURAM	04/01/2024,12.00 PM	River	CHALIYAR	MALAPPURAM	KSPCB

Station code	Colour	Flow rate	Odour	Visible Discharge	Human activity around the station
K111-KSEB Dam	Clear		None	None	None
K107-Pambar	Clear		None	None	Bathing
K106-Thookkupalam	Clear		None	None	Bathing
K105-Vengalloor	Clear		None	None	Bathing
K104-Near Pappootty Bar&Restaurant	Clear		None	None	None
K103-Mooppilkadavu Bridge	Clear		None	None	Bathing
K102-Malankara Dam	Clear		None	None	None
K 49 –PERINGAL BRIDGE	CLEAR, 1= LIGHT		NONE	NONE	Fishing
K50 –VETILAPPARA	CLEAR, 1= LIGHT		NONE	NONE	Fishing
K51-KANJIRAPALLY	CLEAR, 1= LIGHT		NONE	NONE	Fishing
K52-CHALAKUDY BRIDGE	CLEAR, 1= LIGHT		NONE	NONE	Fishing
K53-PULIKKAKADAVU	CLEAR, 1= LIGHT		NONE	NONE	Fishing
K54-PALAPUZHAKADAVU	CLEAR, 1= LIGHT		NONE	NONE	Fishing
K55-KAINOOR	CLEAR, 1= LIGHT		NONE	NONE	Fishing
K56-MUPLIYAM BRIDGE	CLEAR, 1= LIGHT		NONE	NONE	Fishing
K57-PALAKKADAVU	CLEAR, 1= LIGHT		NONE	NONE	Fishing
K58-KOTTENKODE	CLEAR, 1= LIGHT		NONE	NONE	Fishing
K59-KARANCHIRA	CLEAR, 1= LIGHT		NONE	NONE	Fishing
K60 NARAGAMPILLY	CLEAR, 1= LIGHT		NONE	NONE	NONE
K61 ARANGOTUKULAMBU	CLEAR, 1= LIGHT		NONE	NONE	NONE
K62 PARALI	CLEAR, 1= LIGHT		NONE	NONE	Cattle Wading , Fishing, Bathing.
K63 TRIPALUR	CLEAR, 1= LIGHT		NONE	NONE	Cattle Wading , Fishing, Bathing.
K64 MANGALAM	CLEAR, 1= LIGHT		NONE	NONE	Cattle Wading , Fishing, Bathing.
K65 LAKKIDI	CLEAR, 1= LIGHT		NONE	NONE	Cattle Wading , Fishing, Bathing.
K66 SHORNUR	CLEAR, 1= LIGHT		NONE	NONE	Cattle Wading , Fishing, Bathing.
K67 THOOTH	CLEAR, 1= LIGHT		NONE	NONE	Cattle Wading , Fishing, Bathing.
K90 THAVALAM	CLEAR, 1= LIGHT		NONE	NONE	Cattle Wading , Fishing, Bathing.
K91 KOTTATHARA	CLEAR, 1= LIGHT		NONE	NONE	Cattle Wading , Fishing, Bathing.
k 78 KURUVANPUZHA	Turbid, Light		None	None	Bathing
k 79 VADAPURAM	Turbid, Moderate		None	None	None

Station code	Location details	Major Polluting sources
K111-KSEB Dam	None	None
K107-Pambar	None	None
K106-Thoekkupalam	None	None
K105-Vengalloor	None	None
K104-Near Pappootty Bar&Restaurant	None	None
K103-Mooppilkadavu Bridge	None	None
K102-Malankara Dam	None	None
K 49 –PERINGAL BRIDGE	U/S	None
K50 –VETILAPPARA	U/S	None
K51-KANJIRAPALLY	U/S	None
K52-CHALAKUDY BRIDGE	D/S of Town or Industrial Area	MSW, others
K53-PULIKKAKADAVU	D/S of Town or Industrial Area	MSW, others
K54-PALAPUZHAKADAVU	D/S of Town or Industrial Area	MSW, others
K55-KAINOOR	U/S	None
K56-MUPLIYAM BRIDGE	U/S	None
K57-PALAKKADAVU	D/S of Town or Industrial Area	MSW, PW,others
K58-KOTTENKODE	D/S of Town or Industrial Area	MSW, PW,others
K59-KARANCHIRA	D/S of Town or Industrial Area	MSW, PW,others
K60 NARAGAMPILLY		None
K61 ARANGOTUKULAMBU		None
K62 PARALI		None
K63 TRIPALUR		None
K64 MANGALAM		None
K65 LAKKIDI		None
K66 SHORNUR		None
K67 THOOTH		None
K90 THAVALAM		None
K91 KOTTATHARA		None
k 78 KURUVANPUZHA		None
k 79 VADAPURAM		None

Station code	Use of Water in Down stream
K111-KSEB Dam	Others
K107-Pambar	Others
K106-Thookkupalam	Others
K105-Vengalloor	Others
K104-Near Pappootty Bar&Restaurant	Others
K103-Mooppilkadavu Bridge	Others
K102-Malankara Dam	Irrigation,Domestic
K 49 –PERINGAL BRIDGE	Fishing, Cultivation
K50 –VETTELAPPARA	Fishing, Cultivation
K51-KANJIRAPALLY	Fishing, Cultivation
K52-CHALAKUDY BRIDGE	Fishing, Cultivation
K53-PULIKKAKADAVU	Fishing, Cultivation
K54-PALAPUZHAKADAVU	Fishing, Cultivation
K55-KAINOOR	Fishing, Cultivation
K56-MUPLIYAM BRIDGE	Fishing, Cultivation
K57-PALAKKADAVU	Fishing, Cultivation
K58-KOTTENKODE	Fishing, Cultivation
K59-KARANCHIRA	Fishing, Cultivation
K60 NARAGAMPILLY	Others
K61 ARANGOTUKULAMBU	Others
K62 PARALI	Irrigation Fishing
K63 TRIPALUR	Irrigation Fishing
K64 MANGALAM	Irrigation Fishing
K65 LAKKIDI	Irrigation Fishing
K66 SHORNUR	Irrigation Fishing
K67 THOOTH A	Irrigation Fishing
K90 THAVALAM	Irrigation Fishing Domestic
K91 KOTTATHARA	Irrigation Fishing Domestic
k 78 KURUVANPUZHA	Others
k 79 VADAPURAM	Others

Station code	Temperature oC	Dissolved Oxygen,mg/L	pH	Conductivity, umhos/cm	BOD mg/L	Nitrate N,mg/L	Turbidity,N TU	Total Alkalinity,mg/L	Chloride,mg/L	Ammoniacal-N,mg/L	Hardness as CaCO3 ,mg/L	Calcium as CaCO3,mg/L
K111-KSEB Dam	22	7.1	6.66	58.64	2	0.324	1.9	3	7.918	0.5972	13	10
K107-Pambar	21	7.1	6.98	74	1.6	0.385	1.5	4	6.434	0.3591	15	11
K106-Thoekkupalam	25	7.2	6.3	65.13	2.1	0.147	1.2	3	6.434	0.2516	15	13
K105-Vengalloor	25	7.3	6.2	54.46	2	0.185	1.4	4	5.444	0.2171	16	15
K104-Near Pappooty Bar&Restaurant	25	7.1	6.4	79.18	1.9	0.155	0.9	4	6.433	0.2422	14	12
K103-Mooppilkadavu Bridge	25	7.3	6.2	79.89	1.6	0.11	1	3	5.938	0.2661	13	12
K102-Malankara Dam	25	7.1	6.4	50.8	1.7	0.087	0.5	2	4.949	0.2091	12	11
K 49 -PERINGAL BRIDGE	28	6.7	7.24	68.72	2.4	BDL	2.6	20	14	BDL	18	15
K50 -VETTELAPPARA	29	8.16	7.4	72.85	2.7	0.16	BDL	19	16	BDL	17	11
K51-KANJIRAPALLY	28	5.7	7.57	55.47	1.2	BDL	1.8	18	12	0.137	15	10
K52-CHALAKUDY BRIDGE	27	4.9	7.48	60.13	1.4	0.005	0.8	17	12	BDL	14	12
K53-PULIKKAKADAVU	27	3.81	7.05	76.66	2.2	0.008	0.6	25	19	BDL	23	19
K54-PALAPUZHAKADAVU	27	5.08	7.36	97.68	3.4	BDL	1	26	24	0.11	26	24
K55-KAINOOR	32	5.618	7.7	95.3	0.954	0.004	5.2	32	13	BDL	30	22
K56-MUPLIAM BRIDGE	31	6.09	7.58	83.3	2.8	0.006	2.1	23	16	BDL	22	18
K57-PALAKKADAVU	29	4.3	7.18	96.6	1.4	0.003	0.3	29	14	0.15	29	18
K58-KOTTENKODE	27	3.8	7.02	117	1.9	BDL	2.2	21	22	0.11	29	15
K59-KARANCHIRA	27	3.49	6.84	120.9	3.12	BDL	2.6	28	20	0.17	37	28
K60 NARAGAMPILLY	25.5	6.36	7.93	879	2.86	0.521	BDL	208	137	BDL	260	230
K61 ARANGOTUKULAMBU	25.5	6.86	8.21	885	1.36	0.569	BDL	210	140	BDL	250	200
K62 PARALI	26	5.73	7.64	218	1.86	0.569	BDL	90	17.99	BDL	95	50
K63 TRIPALUR	25.5	6.2	7.54	200	1.36	0.456	BDL	38	37.98	BDL	43	32
K64 MANGALAM	26.5	6.86	7.57	156	2	0.498	BDL	42	21.98	BDL	55	32
K65 LAKKIDI	26.5	7.6	8.13	354.5	1.2	0.346	BDL	106	49.97	BDL	110	69
K66 SHORNUR	26.5	7.93	8.08	317	1.2	0.384	BDL	105	39.98	BDL	115	64
K67 THOOTH	26	7.6	7.67	113.5	1.86	0.286	BDL	35	15.99	BDL	38	29
K90 THAVALAM	30	7.13	7.34	78.5	1.13	0.256	BDL	30	7.99	BDL	31	17
K91 KOTTATHARA	31	7.66	7.86	126.6	1.26	0.246	BDL	44	15.4	BDL	45	25
k 78 KURUVANPUZHA	28	8.3	6.87	43.8	0.4	0.134	16.5	12	6	BDL	13	9
k 79 VADAPURAM	27	7.5	6.8	62.3	0.3	0.187	4.3	17	9	BDL	19	11

Station code	Magnesium as CaCO ₃ ,mg/L	Sulphate, mg/L	Sodium, mg/L	Total Dissolved Solids,mg/L	Phosphate,mg/L	Boron,m g/L	Potassium,mg/L	Total Coliform, MPN/100 ML	Fecal Coliform,MPN /100ML	Sodium Absorption Ratio(SAR)
K111-KSEB Dam	3	BDL	3.87	38.12	0.00543	BDL	1.97	2800	1200	0.47
K107-Pambar	4	BDL	4.75	48.1	0.00362	BDL	1.67	4800	2800	0.53
K106-Thoorkupalam	2	BDL	3.62	46.4	0.00181	BDL	1.49	2200	600	0.41
K105-Vengalloor	1	BDL	3.72	39.9	0.00543	BDL	1.5	3500	800	0.4
K104-Near Pappooty Bar&Restaurant	2	BDL	3.39	56.9	0.00362	BDL	1.43	3100	1500	0.39
K103-Mooppilkadavu Bridge	1	BDL	3.77	57.8	0.00724	BDL	1.52	2500	1100	0.45
K102-Malankara Dam	1	BDL	3.39	48.6	0.00181	BDL	1.12	1200	800	0.43
K 49 -PERINGAL BRIDGE	3	BDL	7.36	41	BDL	BDL	0.56	NIL	NIL	0.8
K50 -VETILAPPARA	6	BDL	8.32	43	0.26	BDL	0.34	NIL	NIL	0.9
K51-KANJIRAPALLY	5	BDL	6.37	36	BDL	BDL	0.28	50	NIL	0.7
K52-CHALAKUDY BRIDGE	2	BDL	7.74	36	BDL	BDL	0.35	200	NIL	0.9
K53-PULIKKAKADAVU	4	BDL	6.78	46	0.52	BDL	0.41	400	NIL	0.6
K54-PALAPUZHAKADAVU	2	BDL	10.32	58	BDL	BDL	0.43	350	NIL	0.9
K55-KAINOOR	8	5.69	6.87	57	BDL	BDL	0.45	500	NIL	0.5
K56-MUPLIYAM BRIDGE	4	3.5	8.34	50	0.021	BDL	0.3	300	NIL	0.8
K57-PALAKKADAVU	11	10.05	7.32	58	0.41	BDL	0.47	100	NIL	0.6
K58-KOTTENKODE	14	11.15	11.46	70	BDL	BDL	0.68	NIL	NIL	0.9
K59-KARANCHIRA	9	10.66	10.56	72	BDL	BDL	0.78	700	NIL	0.8
K60 NARAGAMPILLY	30	23.95	80	510	0.147	BDL	16	500	200	2.16
K61 ARANGOTUKULAMBU	50	27.06	83	520	0.128	BDL	16	300	100	2.28
K62 PARALI	45	2.23	10	120	BDL	BDL	2	400	100	0.45
K63 TRIPALUR	11	5.58	22	120	0.006	BDL	4	200	ABSENT	1.46
K64 MANGALAM	23	5.08	11	95	0.012	BDL	2	500	100	0.64
K65 LAKKIDI	41	7.69	28.9	200	0.006	BDL	5.4	300	100	1.2
K66 SHORNUR	51	3.47	23	200	0.006	BDL	5	200	ABSENT	0.93
K67 THOOTHATHA	9	0.003	8.3	65	BDL	BDL	2	100	ABSENT	0.59
K90 THAVALAM	14	0.015	4.6	50	BDL	BDL	1	400	ABSENT	0.36
K91 KOTTATHARA	20	0.286	8.7	75	BDL	BDL	2.6	400	100	0.56
k 78 KURUVANPUZHA	4	1.2	3.64	25	0.0276	BDL	1.04	6000	3400	0.4389
k 79 VADAPURAM	8	1.44	5.24	35	0.0138	BDL	1.2	4400	1400	0.5227

Station code	Date& Time of Sample	Type of water body	Name of water body	District	Agency
k 80 MUNDAYAMTHODU	04/01/2024,11.30 AM	River	CHALIYAR	MALAPPURAM	KSPCB
k 81 ARECODE	04/01/2024,10.30 AM	River	CHALIYAR	MALAPPURAM	KSPCB
k 82 FEROKE	05/01/2024,9.00 AM	River	CHALIYAR	KOZHIKODE	KSPCB
k 92 PURAKKATERI	13/01/2024,9.30 AM	River	KORAPUZHA	KOZHIKODE	KSPCB
k 93 ANAPARAKADAVU	13/01/2024,11.55 AM	River	KORAPUZHA	KOZHIKODE	KSPCB
K83- U/S of Panamaram	09.01.2024 11.10 AM	River	Kabani	Wayanad	KSPCB
K84-D/S of Panamaram	09.01.2024 11.15 AM	River	Kabani	Wayanad	KSPCB
K85- DTPC	09.01.2024 12.15 PM	River	Kabani	Wayanad	KSPCB
K86- Forest Kadavu	09.01.2024 12.30 PM	River	Kabani	Wayanad	KSPCB
K87-Thonikkadavu	01.01.2024 13.35 PM	River	Kabani	Wayanad	KSPCB
K88-U/S of Mananthavadi	05.01.2024 11.43 AM	River	Kabani	Wayanad	KSPCB
K89-D/S of Mananthavadi	05.01.2024 11.30 AM	River	Kabani	Wayanad	KSPCB
K123-Boat Jetty	03.01.2024 13.02PM	Lake	Pookode lake	Wayanad	KSPCB
K124-Deepest Point	03.01.2024 13.05PM	Lake	Pookode lake	Wayanad	KSPCB
K125-Silt Depositing zone	03.01.2024 13.10PM	Lake	Pookode lake	Wayanad	KSPCB
K126-Second Deepest Point	03.01.2024 13.20PM	Lake	Pookode lake	Wayanad	KSPCB
K70 - ORAVAMPURAM	05.01.2024 11.20AM	RIVER	KADALUNDI	MALAPPURAM	KSPCB
K71- ANAKKAYAM	05.01.2024 11.10AM	RIVER	KADALUNDI	MALAPPURAM	KSPCB
2293 - HAJIYARPALLY	05.01.2024 11.00AM	RIVER	KADALUNDI	MALAPPURAM	KSPCB
K72 - MANIKUTH	05.01.2024 10.20AM	RIVER	KADALUNDI	MALAPPURAM	KSPCB
K73 - KOORIYAD	05.01.2024 10.10AM	RIVER	KADALUNDI	MALAPPURAM	KSPCB
2292 - THALAKKADATUR	06.01.2024 10.15AM	RIVER	TIRUR	MALAPPURAM	KSPCB
K77 - MANGATTIRI	06.01.2024 10.10AM	RIVER	TIRUR	MALAPPURAM	KSPCB
K74 - KOOLUPALAM	06.01.2024 10.40AM	RIVER		MALAPPURAM	KSPCB
K75 - EZHUR	06.01.2024 10.50AM	RIVER	TIRUR	MALAPPURAM	KSPCB
K76 - THAZHEPALAM	06.01.2024 10.25AM	RIVER	TIRUR	MALAPPURAM	KSPCB
K68 - THAVANUR	03.01.2024 10.20AM	RIVER	BHARATAPUZHA	MALAPPURAM	KSPCB
K69 - NARIPARAMB	03.01.2024 10.40AM	RIVER	BHARATAPUZHA	MALAPPURAM	KSPCB
2318 - PAZHASSI RESERVOIR	09.01.2024 11.40AM	RIVER	VALAPATTANAM	KANNUR	KSPCB
3473-PARASSINIKKADAVU	09.01.2024 08.00AM	RIVER	VALAPATTANAM	KANNUR	KSPCB
K96(VL1)-VALAPATTANAM	08.01.2024 12.15PM		VALAPATTANAM	KANNUR	KSPCB

Station code	Colour	Flow rate	Odour	Visible Discharge	Human activity around the station
k 80 MUNDAYAMTHODU	Turbid, Light		None	None	None
k 81 ARECODE	Turbid, Light		None	None	Domestic & Bathing
k 82 FEROKE	Clear		None	None	Fishing, Industrial Area
k 92 PURAKKATERI	Turbid, Moderate		None	None	Fishing
k 93 ANAPARAKADAVU	Turbid, Moderate		None	None	Fishing, Residential Area
K83- U/S of Panamaram	Clear		None	None	Cattle Wading , Fishing, Bathing.
K84-D/S of Panamaram	Clear		None	None	Cattle Wading , Fishing, Bathing.
K85- DTPC	Clear		None	None	Tourism Spot
K86- Forest Kadavu	Clear		None	None	
K87-Thonikkadavu	Clear		None	None	Cattle Wading , Fishing, Bathing.
K88-U/S of Mananthavadi	Clear		None	None	Cattle Wading , Bathing.
K89-D/S of Mananthavadi	Clear		None	None	Bathing, Others
K123-Boat Jetty	Clear		None	None	Tourism Spot
K124-Deepest Point	Clear		None	None	Tourism Spot
K125-Silt Depositing zone	Clear		None	None	Tourism Spot
K126-Second Deepest Point	Clear		None	None	Tourism Spot
K70 - ORAVAMPURAM	Turbid, Moderate		None	None	Bathing
K71- ANAKKAYAM	Turbid, Moderate		None	None	None
2293 - HAJIYARPALLY	Turbid, Light		None	None	Bathing
K72 - MANIKUTH	Clear		None	None	Bathing
K73 - KOORIYAD	Turbid, Light		None	None	Bathing
2292 - THALAKKADATUR	Clear		None	None	Bathing
K77 - MANGATTIRI	Turbid, Light		None	None	None
K74 - KOOLUPALAM	Dried		None	None	None
K75 - EZHUR	Clear		None	None	None
K76 - THAZHEPALAM	Clear		None	None	None
K68 - THAVANUR	Turbid, Moderate		None	None	Bathing
K69 - NARIPARAMB	Turbid, Moderate		None	None	None
2318 - PAZHASSI RESERVOIR	CLEAR		NONE	NONE	NONE
3473-PARASSINIKKADAVU	CLEAR		NONE	NONE	TOURIST SPOT,FISHING
K96(VL1)-VALAPATTANAM	CLEAR		NONE	NONE	FISHING

Station code	Location details	Major Polluting sources
k 80 MUNDAYAMTHODU		None
k 81 ARECODE		None
k 82 FEROKE		None
k 92 PURAKKATERI		None
k 93 ANAPARAKADAVU		None
K83- U/S of Panamaram	None	None
K84-D/S of Panamaram	None	None
K85- DTPC	None	None
K86- Forest Kadavu	None	None
K87-Thonikkadavu	None	None
K88-U/S of Mananthavadi	None	None
K89-D/S of Mananthavadi	None	None
K123-Boat Jetty	None	None
K124-Deepest Point	None	None
K125-Silt Depositing zone	None	None
K126-Second Deepest Point	None	None
K70 - ORAVAMPURAM	Bathing ghat	None
K71- ANAKKAYAM	None	None
2293 - HAJIYARPALLY	Bathing ghat	None
K72 - MANIKUTH	Bathing ghat	None
K73 - KOORIYAD	Bathing ghat	None
2292 - THALAKKADATUR	U/s of Town	None
K77 - MANGATTIRI	None	None
K74 - KOOLUPALAM	None	None
K75 - EZHUR	None	None
K76 - THAZHEPALAM	U/s of Town	None
K68 - THAVANUR	Bathing ghat	None
K69 - NARIPARAMB	None	None
2318 - PAZHASSI RESERVOIR	NONE	NONE
3473-PARASSINIKKADAVU	NONE	NONE
K96(VL1)-VALAPATTANAM	NONE	NONE

Station code	Use of Water in Down stream
k 80 MUNDAYAMTHODU	Water intake
k 81 ARECODE	Domestic & Water intake
k 82 FEROKE	Fishing
k 92 PURAKKATERI	Fishing
k 93 ANAPARAKADAVU	Fishing
K83- U/S of Panamaram	Irrigation Fishing Domestic
K84-D/S of Panamaram	Irrigation Fishing Domestic
K85- DTPC	Fishing Domestic, Cultivation
K86- Forest Kadavu	Fishing Domestic, Cultivation
K87-Thonikkadavu	Domestic
K88-U/S of Mananthavadi	Domestic, Others
K89-D/S of Mananthavadi	Domestic, Others
K123-Boat Jetty	None
K124-Deepest Point	None
K125-Silt Depositing zone	None
K126-Second Deepest Point	Fishing
K70 - ORAVAMPURAM	Bathing
K71- ANAKKAYAM	None
2293 - HAJIYARPALLY	Bathing, Irrigation
K72 - MANIKUTH	Bathing
K73 - KOORIYAD	Bathing
2292 - THALAKKADATUR	Bathing
K77 - MANGATTIRI	None
K74 - KOOLUPALAM	None
K75 - EZHUR	None
K76 - THAZHEPALAM	Bathing, Irrigation
K68 - THAVANUR	Bathing
K69 - NARIPARAMB	None
2318 - PAZHASSI RESERVOIR	IRRIGATION
3473-PARASSINIKKADAVU	BATHING,IRRIGATION
K96(VL1)-VALAPATTANAM	BATHING,IRRIGATION

Station code	Temperature oC	Dissolved Oxygen,m g/L	pH	Conductivity, umhos/cm	BOD mg/L	Nitrate N,mg/L	Turbidity,N TU	Total Alkalinity,mg/L	Chloride,mg/L	Ammoniacal-N,mg/L	Hardness as CaCO3 ,mg/L	Calcium as CaCO3,mg/L
k 80 MUNDAYAMTHODU	26	7.7	6.92	41.25	0.53	0.296	6.3	11	6	BDL	13	7
k 81 ARECODE	27	7.5	6.81	79.83	0.34	0.181	3.9	24	10	BDL	26	18
k 82 FEROKE	27	7	6.6	13610	0.43	1.388	4.5	54	4190	BDL	1200	500
k 92 PURAKKATERI	27	6.6	7.49	14118	0.2	1.331	1.4	30	4400	0.954	1200	500
k 93 ANAPARAKADAVU	27	6.8	7.35	38037	0.2	2.583	1.9	42	10200	7.034	4700	1000
K83- U/S of Panamaram	25	6.5	6.5	149	0.1	0.146	12.46	44	14	BDL	46	30
K84-D/S of Panamaram	26	6.8	6.6	123	0.4	0.097	10.32	39	11	BDL	38	23
K85- DTPC	27	6.9	6.8	122	0.5	0.127	12.42	37	12	BDL	35	24
K86- Forest Kadavu	27	6.2	6.7	121	0.2	0.174	11.38	33	13	BDL	35	23
K87-Thonikkadavu	30	6.7	6.8	114	0.4	0.152	1.11	33	11	BDL	35	20
K88-U/S of Mananthavadi	24	7.5	6.9	113	0.9	0.093	5.19	30	15	BDL	35	24
K89-D/S of Mananthavadi	24	7.1	6.7	66	0.1	0.073	2.6	17	9	BDL	20	12
K123-Boat Jetty	23	7.1	6.5	35	0.6	0.081	0.51	7	6	BDL	8	5
K124-Deepest Point	23	8	6.8	34	1	0.09	BDL	6	6	BDL	7	4
K125-Silt Depositing zone	23	7.4	6.7	35	0.4	0.073	0.2	7	6	BDL	9	5
K126-Second Deepest Point	23	7.1	6.6	35	0.4	0.075	BDL	6	6	BDL	8	5
K70 - ORAVAMPURAM	23	7	6.8	71.8	1.5	0.323	8.2	17	11	BDL	18	9
K71- ANAKKAYAM	23	6.1	6.6	76.91	2	0.64	4.6	12	16	BDL	20	10
2293 - HAJIYARPALLY	23	6.8	6.8	98	2.1	0.32	0.6	26	18	BDL	26	16
K72 - MANIKUTH	23	6.6	6.7	82.83	1.5	0.283	BDL	21	12	BDL	22	18
K73 - KOORIYAD	23	6.3	7	95.49	1.8	0.3	1.3	22	17	BDL	26	20
2292 - THALAKKADATUR	23	4	6.6	223.9	2.3	0.15	3.4	26	55	BDL	48	33
K77 - MANGATTIRI	23	5.3	7.1	1000	2.3	0.286	0.7	38	250	BDL	113	62
K74 - KOOLUPALAM	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED
K75 - EZHUR	23	4.2	6.7	111.1	1.6	0.207	BDL	21	20	BDL	22	18
K76 - THAZHEPALAM	23	4.3	6.5	383.7	2.1	0.247	BDL	26	100	BDL	58	45
K68 - THAVANUR	23	5.3	7	159.9	2.5	0.547	3.1	43	20	BDL	50	35
K69 - NARIPARAMB	23	5.2	7.1	152.8	2.5	0.354	3.8	40	20	BDL	45	30
2318 - PAZHASSI RESERVOIR	28	7.7	6.7	120	0.4	0	1.5	7	32	0	22	12
3473-PARASSINIKKADAVU	27	5	7	2680	2.3	0	2	132	768	0	365	228
K96(VL1)-VALAPATTANAM	28	4.9	7.5	16500	1.7	1.5	4	1220	5060	0	2340	1795

Station code	Magnesium as CaCO ₃ ,mg/L	Sulphate, mg/L	Sodium, mg/L	Total Dissolved Solids,mg/L	Phosphate,mg/L	Boron,mg/L	Potassium,mg/L	Total Coliform, MPN/100 ML	Fecal Coliform,MPN /100ML	Sodium Absorption Ratio(SAR)
k 80 MUNDAYAMTHODU	6	0.45	3.25	23	0.0026	BDL	0.8	8300	3800	0.3919
k 81 ARECODE	8	2.56	6.51	45	0.0058	BDL	1.06	2500	900	0.5551
k 82 FEROKE	700	378	2429	7500	0.0307	BDL	83.91	2500	2000	30.4866
k 92 PURAKKATERI	700	368.77	2505	7700	BDL	BDL	99	700	500	31.4405
k 93 ANAPARAKADAVU	3700	2986.73	6180	20930	BDL	BDL	220	500	100	39.1933
K83- U/S of Panamaram	16	3.264	7.96	86	BDL	BDL	3.66	44	24	0.51
K84-D/S of Panamaram	15	2.139	6.88	69	BDL	BDL	3.34	30	6	0.49
K85- DTPC	11	1.042	7.32	70	BDL	BDL	3.59	98	14	0.54
K86- Forest Kadavu	12	2.905	7.02	67	BDL	BDL	3.69	44	24	0.52
K87-Thonikkadavu	15	2.631	7.06	63	BDL	BDL	1.32	42	12	0.52
K88-U/S of Mananthavadi	11	3.013	8.08	65	BDL	BDL	1.55	50	18	0.59
K89-D/S of Mananthavadi	8	1.834	4.99	40	BDL	BDL	0.89	36	18	0.49
K123-Boat Jetty	3	1.2106	3.88	20	BDL	BDL	0.44	56	40	0.6
K124-Deepest Point	3	1.232	3.95	19	BDL	BDL	0.41	50	16	0.65
K125-Silt Depositing zone	4	1.239	3.57	21	BDL	BDL	0.26	46	16	0.52
K126-Second Deepest Point	3	1.207	3.51	20	BDL	BDL	0.29	58	22	0.54
K70 - ORAVAMPURAM	9	5.74	7	47	0.063	BDL	5	300	100	0.72
K71- ANAKKAYAM	10	5.41	9	50	0.27	BDL	2.5	80	20	0.87
2293 - HAJIYARPALLY	10	1	10.3	60	0.009	BDL	4	250	100	0.88
K72 - MANIKUTH	4	6.55	9	54	BDL	BDL	3.5	250	120	0.83
K73 - KOORIYAD	6	4.8	9	60	BDL	BDL	5.2	150	60	0.77
2292 - THALAKKADATUR	15	15	30	140	0.35	BDL	6.29	400	200	1.88
K77 - MANGATTIRI	51	62	135	550	0.36	BDL	8.86	100	30	5.52
K74 - KOOLUPALAM	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED	DRIED
K75 - EZHUR	4	3	11	62	0.049	BDL	5.85	50	30	1.02
K76 - THAZHEPALAM	13	24.67	58.45	228	BDL	BDL	6.97	250	120	3.34
K68 - THAVANUR	15	10.8	14	97	0.05	BDL	5.71	280	100	0.86
K69 - NARIPARAMB	15	9.5	13	90	0.08	BDL	5.83	150	70	0.84
2318 - PAZHASSI RESERVOIR	10	1.5	17	67.2	BDL	BDL	0.9	50	10	1.6
3473-PARASSINIKKADAVU	137	56	399	1500.8	BDL	BDL	35	330	200	9.1
K96(VL1)-VALAPATTANAM	545	87	2660	9460	BDL	BDL	68	350	180	23.9

Station code	Date& Time of Sample	Type of water body	Name of water body	District	Agency
K95(VL2)-CHENGALAYI	09.01.2024 10.45AM		VALAPATTANAM	KANNUR	KSPCB
K94(VL3)-IRIKKUR	09.01.2024 11.10AM		VALAPATTANAM	KANNUR	KSPCB
K97-YETHADUKA	05.01.2024 12:30AM	RIVER	SHIRIYA	KASARAGOD	KSPCB
K98-BAKILLAPADAV	05.01.2024, 11:10AM	RIVER	SHIRIYA	KASARAGOD	KSPCB
K99-SWARGATHODU	05.01.2024 11:45AM	RIVER	SHIRIYA	KASARAGOD	KSPCB
K100-VANINAGAR	05.01.2024 11:45AM	RIVER	SHIRIYA	KASARAGOD	KSPCB
K101-SULLYAPADAV	05.01.2024 11:45AM	RIVER	SHIRIYA	KASARAGOD	KSPCB

Station code	Colour	Flow rate	Odour	Visible Discharge	Human activity around the station
K95(VL2)-CHENGALAYI	CLEAR		NONE	NONE	BATHING,FISHING
K94(VL3)-IRIKKUR	CLEAR		NONE	NONE	BATHING,FISHING
K97-YETHADUKA	MODERATE		NONE	NONE	VEHICLE WASHING, BATHING
K98-BAKILLAPADAV	MODERATE		NONE	NONE	WASHING
K99-SWARGATHODU	MODERATE		NONE	NONE	WASHING,BATHING
K100-VANINAGAR	MODERATE		NONE	NONE	WASHING,BATHING
K101-SULLYAPADAV	MODERATE		NONE	NONE	WASHING,BATHING

Station code	Location details	Major Polluting sources
K95(VL2)-CHENGALAYI	NONE	NONE
K94(VL3)-IRIKKUR	NONE	NONE
K97-YETHADUKA	NONE	NONE
K98-BAKILLAPADAV	NONE	NONE
K99-SWARGATHODU	NONE	NONE
K100-VANINAGAR	NONE	NONE
K101-SULLYAPADAV	NONE	NONE

Station code	Use of Water in Down stream
K95(VL2)-CHENGALAYI	BATHING,IRRIGATION
K94(VL3)-IRIKKUR	BATHING,IRRIGATION
K97-YETHADUKA	BATHING, IRRIGATION
K98-BAKILLAPADAV	BATHING,IRRIGATION
K99-SWARGATHODU	BATHING ,IRRIGATION
K100-VANINAGAR	BATHING ,IRRIGATION
K101-SULLYAPADAV	BATHING ,IRRIGATION

Station code	Temperature oC	Dissolved Oxygen,mg/L	pH	Conductivity, umhos/cm	BOD mg/L	Nitrate N,mg/L	Turbidity,N TU	Total Alkalinity,mg/L	Chloride,mg/L	Ammoniacal-N,mg/L	Hardness as CaCO3 ,mg/L	Calcium as CaCO3,mg/L
K95(VL2)-CHENGALAYI	28	6.5	6.8	410	2.2	0.8	2	38	82	0	88	65
K94(VL3)-IRIKKUR	28	7.3	6.8	225	1.1	0.2	1.5	12	52	0	27	21
K97-YETHADUKA	31	8	7.22	69.8	0.3	0.003	-0.2	15	15	0	16	11
K98-BAKILLAPADAV	30.1	8.8	7.31	77.4	1.1	0.005	-0.4	17	18	0	18	13
K99-SWARGATHODU	30.4	8	7.53	49.3	1	0.006	-0.3	8	15	0	18	2
K100-VANINAGAR	30.4	7.7	7.38	66.2	0.9	0.002	-0.5	20	17	0	15	8
K101-SULLYAPADAV	31.8	7.3	7.43	88.3	1.6	0.003	-0.6	20	20	0	17	6

Station code	Magnesium as CaCO ₃ ,mg/L	Sulphate, mg/L	Sodium, mg/L	Total Dissolved Solids,mg/L	Phosphate,mg/L	Boron,mg/L	Potassium,mg/L	Total Coliform, MPN/100 ML	Fecal Coliform,MPN /100ML	Sodium Absorption Ration(SAR)
K95(VL2)-CHENGALAYI	23	41	45	229.6	BDL	BDL	1.8	250	120	2.1
K94(VL3)-IRIKKUR	6	8	28	126	BDL	BDL	3.4	120	60	2.3
K97-YETHADUKA	5	0.78	3.26	58.7	0.00736	0.4136	0.44	560	300	0.20442
K98-BAKILLAPADAV	5	2.99	3.18	66.4	0.01012	0.50196	0.66	680	330	0.18978
K99-SWARGATHODU	6	3.64	3	32.2	0.01288	0.6166	0.16	660	490	0.23937
K100-VANINAGAR	7	4.16	3.11	58.9	0.00184	0.7144	0.28	390	260	0.19355
K101-SULLYAPADAV	11	1.82	3.61	78.3	0.0046	0.58656	0.36	600	0	