

Surface Water Quality Data in Puducherry for APR-JUN 2021 Quarter

Sl. No	Parameters	Ousteri Lake	Bahour Lake	Chunnambar River	Kanagan Lake
Station Code		1396	1686	1689	4634
1	Latitude	11° 57'01.9" N	11° 49' 47.8"N	11° 52' 59.9"N	11° 56' 50.4"N
2	Longitude	79° 44' 47.7" E	79° 44' 35.3"E	79° 47' 57.0"E	79° 45' 58.9"E
3	Dt.of Sampling	12.04.2021	12.04.2021	12.04.2021	12.04.2021
4	Time	11.00 A.M	12.00 P.M	12.45 P.M	04.00 P.M
5	Temperature °C	32	33.0	33.0	33.0
6	DO mg/l	5.1	5.6	5.6	12.1
7	pH	7.32	7.12	7.89	9.12
8	Conductivity µmho/cm	234	198	867	927
9	COD (mg/l)	20.1	28.1	32.1	60.2
10	BOD (mg/l)	BDL (DL-1)		2.5	18.0
11	Turbidity NTU	2.6	1.1	0.3	17.5
12	Nitrate -N (mg/l)	0.54	1.15	1.09	1.17
13	Nitrite-N (mg/l)	BDL(DL-0.02)			0.17
14	Nitrate (mg/l)	2.4	5.09	4.84	5.2
15	Ammonia -N (mg/l)	BDL (DL-0.01)	0.02	BDL (DL-0.01)	0.89
16	TSS (mg/l)	15.0	13.0	3.0	34.0
17	Sulphate (mg/l)	BDL	7.2	40.9	28.9
18	Ortho phosphate(mg/l)	0.0930	BDL (DL-0.05)	0.0963	0.5149
19	Total Coliform MPN/100ml	280	350	500	900
20	Faecal Streptococci MPN/100ml	50	<2	140	110
21	Faecal Coliform MPN/100ml	<2	<2	<2	<2

BDL - Below Detectable Limit

DL - Detection Limit