

Surface Water Quality Data in Puducherry for OCT - DEC 2021 Quarter

Sl. No	Parameters	Ousteri Lake	Kanagan Lake	Chunnambar River	Bahour Lake
Station Code		1396	4634	1689	1686
1	Latitude	11° 57'01.9" N	11° 56' 50.4"N	11° 52' 59.9"N	11° 49' 47.8"N
2	Longitude	79° 44' 47.7" E	79° 45' 58.9"E	79° 47' 57.0"E	79° 44' 35.03"E
3	Dt.of Sampling	02.12.2021	02.12.2021	02.12.2021	02.12.2021
4	Time	11:00 AM	11.50 AM	12.45 PM	01:40 PM
5	Temperature °C	28.0	29.0	30.0	28.0
6	DO mg/l	9.3	6.7	6.8	5.6
7	pH	8.04	7.64	7.88	7.52
8	Conductivity µmho/cm	197	570	345	375
9	COD (mg/l)	19.9	19.9	23.9	23.9
10	BOD (mg/l)	2.3	2.8	1.5	2.5
11	Nitrate -N (mg/l)	BDL (DL-0.3)			
12	Nitrite-N (mg/l)	BDL (DL-0.02)			
13	Nitrate (mg/l)	0.223	0.266	0.186	0.168
14	Ammonia -N (mg/l)	BDL (DL-0.4)	0.84	BDL (DL-0.4)	
15	TSS (mg/l)	BDL (DL-10)	14.0	BDL (DL-10)	
16	Sulphate (mg/l)	7.25	33.95	15.9	21.9
17	Ortho phosphate(mg/l)	0.14	1.06	0.34	0.21
18	Total Coliform MPN/100ml	BDL (DL-<1.8)	900	1600	500
19	Faecal Streptococci MPN/100ml	BDL (DL-<1.8)			
20	Faecal Coliform MPN/100ml	BDL (DL-<1.8)	350	300	23

**BDL - Below Detectable Limit
DL - Detection Limit**