

Surface Water Quality Data in Puducherry for OCT - DEC 2022 Quarter

Sl. No	Parameters	Ousteri Lake	Kanagan Lake	Chunnambar River	Bahour Lake
	Station Code	1396	4634	1689	1686
1	Latitude	11.950528	11.935104	11.883585	11.829944
2	Longitude	79.746583	79.798522	79.787326	79.743139
3	Dt.of Sampling	22.12.2022	22.12.2022	22.12.2022	22.12.2022
4	Time	05.10 PM	05.30 PM	03.10 PM	04.00 PM
5	Temperature °C	29.0	29.0	30.0	29.0
6	DO mg/l	8.8	10.5	8.3	7.0
7	pH	8.86	8.22	7.94	7.65
8	Conductivity µmho/cm	363	961	1145	1219
9	COD (mg/l)	20.3	61.0	24.4	52.8
10	BOD (mg/l)	1.8	2.5	2.0	2.5
11	Nitrate -N (mg/l)	BDL (DL : 0.3)			
12	Nitrite-N (mg/l)	BDL (DL : 0.02)			
13	Nitrate (mg/l)	BDL			0.35
14	Ammonia -N (mg/l)	BDL (DL : 0.4)			
15	TSS (mg/l)	BDL (DL : 10.0)			
16	Sulphate (mg/l)	BDL (DL:5)	24.75	31.72	25.17
17	Ortho phosphate(mg/l)	0.14	0.24	0.28	0.11
18	Total Coliform MPN/100ml	350	350	540	540
19	Faecal Streptococci MPN/100ml	<1.8	94	170	170
20	Faecal Coliform MPN/100ml	<1.8	<1.8	<1.8	<1.8

BDL - Below Detectable Limit

DL - Detection Limit