

Surface Water Quality Data in Puducherry for APR-JUN 2022 Quarter

Sl. No	Parameters	Ousteri Lake	Kanagan Lake	Chunnambar River
Station Code		1396	4634	1689
1	Latitude	11.950528 N	11.935104 N	11.883585 N
2	Longitude	79.746583 E	79.798522 E	79.787326 E
3	Dt.of Sampling	12.04.2022	12.04.2022	12.04.2022
4	Time	1.30 P.M	3.45 P.M	11.00 A.M
5	Temperature °C	32.0	32.0	32.0
6	DO mg/l	6	11.2	6.9
7	pH	8.45	9.24	8.83
8	Conductivity µmho/cm	310	991	1051
9	COD (mg/l)	BDL(DL:5)	16.0	8.0
10	BOD (mg/l)	BDL(DL:1)	6.5	BDL(DL:1)
11	Nitrate -N (mg/l)	BDL(DL:0.3)		
12	Nitrite-N (mg/l)	BDL(DL:0.02)		
13	Nitrate (mg/l)	BDL		
14	Ammonia -N (mg/l)	BDL(DL:0.4)		
15	TSS (mg/l)	15.0	32.0	26.0
16	Ortho phosphate(mg/l)	BDL(DL:0.05)		
17	Total Coliform MPN/100ml	110	110	170
18	Faecal Streptococci MPN/100ml	<1.8	<1.8	<1.8
19	Faecal Coliform MPN/100ml	<1.8	<1.8	<1.8

BDL - Below Detectable Limit
DL - Detection Limit

Note: No water and Stagnation found at some places in Bahour lake. Hence sampling was not carried out in Bahour lake