

Surface Water Quality Data in Puducherry for APR - JUN 2023 Quarter

Sl. No	Parameters	Ousteri Lake	Bahour Lake	Chunnambar River
	Station Code	1396	1686	1689
1	Latitude	11.950528	11.829944	11.883585
2	Longitude	79.746583	79.743139	79.787326
3	Dt.of Sampling	26.04.2023	26.04.2023	26.04.2023
4	Time	11.10 A.M	12.30 P.M	1.30 P.M
5	Temperature °C	32.0	34.0	35.0
6	DO mg/l	5.9	5.6	9.9
7	pH	8.78	8.14	8.80
8	Conductivity μ mho/cm	422	1209	1605
9	COD (mg/l)	16.1	44.4	52.4
10	BOD (mg/l)	BDL (DL:1.0)	2.8	4.5
11	Nitrate -N (mg/l)	BDL (DL : 0.3)		
12	Nitrate (mg/l)	BDL		
13	Nitrite-N (mg/l)	BDL (DL : 0.02)		
14	Ammonia -N (mg/l)	BDL (DL : 0.4)		
15	TSS (mg/l)	BDL (DL:10.0)		19.0
16	Sulphate (mg/l)	BDL (DL:5.0)	19.27	22.97
17	Phosphate (mg/l)	BDL (DL : 0.05)		
18	Faecal Coliform MPN/100ml	40	1600	1600
19	Faecal Streptococci MPN/100ml	84	79	94

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