

Surface Water Quality Data in Puducherry for Oct-Dec 2020 Quarter

Sl.No.	Parameters	Chunnambar River	Ousteri Lake	Kanagan Lake	Bahour Lake
1	Station Code	1689	1396	4634	1686
2	Latitude	11° 52' 57.1"N	11° 57'01.9" N	11° 56' 50.4"N	11° 49'47.8" N
3	Longitude	79° 47' 13.12"E	79° 44' 47.7"E	79° 45' 58.9"E	79° 44' 35.3"E
4	Dt.of Sampling	14.12.2020	01.12.2020	01.12.2020	01.12.2020
5	Time	01.40 PM	10.25 A.M	11.00 A.M	12.35 P.M
6	Temperature °C	30.0	27.0	27.0	28.0
7	DO mg/l	9.2	6.4	5.1	4.0
8	pH	7.73	7.47	7.38	7.17
9	Conductivity µmho/cm	406	181.7	511.0	287.0
10	COD (mg/l)	29.6	15.8	27.7	15.8
11	BOD (mg/l)	2.8	1.2	4.0	1.0
12	Nitrate -N (mg/l)	1.08	0.9	0.8	1.4
13	Nitrite-N (mg/l)	BDL (DL - 0.02)		0.02	BDL (DL - 0.02)
14	Nitrate (mg/l)	4.8	4.2	3.6	6.0
15	TSS (mg/l)	60	15.0	23.0	BDL (DL - 10)
16	Sulphate (mg/l)	18.5	9.5	31.7	9.4
17	Ammonical - N (mg/l)	BDL (DL - 0.01)		0.8	BDL (DL - 0.01)
18	Ortho phosphate(mg/l)	0.4	0.06	0.4	0.10
19	Total Coliform MPN/100 ml	1600	1600	1600	1600
20	Faecal Coliform MPN/100ml	1600	1600	1600	1600
21	Faecal Streptococci MPN/100ml	<2	<2	<2	<2

BDL - Below Detectable Limit; DL - Detection Limit