

September 2017 - Quarter					
Surface water quality In Puducherry					
Sl.No	Parameters	Bahoor	Chunambar	Ousteri	
1	Dt.of Sampling	12.09.2017	12.09.2017	12.09.2017	
2	Time	1.15 P.M	11.45 P.M	5.45 P.M	
3	Temperature °C	34	33	31	
4	DO mg/l	8.6	8.2	6.4	
5	pH	8.48	8.00	8.17	
6	Conductivity (µmho/cm)	764.00	1370.00	608	
7	BOD (mg/l)	BDL	BDL	BDL	
8	Nitrate -N (mg/l)	0.9589	0.0876	0.0852	
9	Nitrate (mg/l)	4.246	0.3879	0.3773	
10	Nitrite - N (mg/l)	0.0111	0.0064	0.0118	
11	Turbidity NTU	29	26	13.2	
12	Bi- Carbonate as CaCO ₃ (mg/l)	314.6	255.2	136.4	
13	Chloride (mg/l)	77.9	258.4	132.1	
14	COD (mg/l)	Nil	Nil	12	
15	Hardness as CaCO ₃ (mg/l)	155.3	211.6	128.1	
16	Calcium as CaCO ₃ (mg/l)	77.7	135.9	93.2	
17	Calcium as Ca++	31	54.4	37.2	
18	Magnesium as CaCO ₃ (mg/l)	77.6	75.7	34.9	
19	Magnesium as Mg++	18.8	18.4	8.4	
20	Carbonate as CaCO ₃ (mg/l)	24.2	-	-	
21	TDS (mg/l)	490	885	384	
22	TSS (mg/l)	58.0	24.0	47.0	
23	Ammonia - N (mg/l)	BDL	BDL	0.074	
24	Total Coliform MPN/100 ml	26	17	21	
25	Fecal Coliform MPN/100 ml	<2	<2	<2	
26	Arsenic as AS (mg/l)	BDL	BDL	BDL	
27	Cadmium as CD (mg/l)	BDL	BDL	BDL	
28	Copper as Cu (mg/l)	0.117	0.107	0.106	
29	Chromium as Cr (mg/l)	BDL	BDL	BDL	
30	Iron as Fe (mg/l)	1.872	0.454	BDL	
31	Lead as Pb (mg/l)	BDL	BDL	BDL	
32	Nickel as Ni (mg/l)	BDL	BDL	BDL	
33	Zinc as Zn (mg/l)	0.015	0.007	0.013	
34	Mercury as Hg (mg/l)	BDL	BDL	BDL	
35	Alpha BHC (mg/l)	BDL	BDL	BDL	
36	Beta BHC (mg/l)	BDL	BDL	BDL	
37	Gama BHC (Lindane) (mg/l)	BDL	BDL	BDL	
38	OP DDT (mg/l)	BDL	BDL	BDL	
39	PP DDT (mg/l)	BDL	BDL	BDL	
40	Alpha Endosulphan (mg/l)	BDL	BDL	BDL	
41	Beta Endosulphan (mg/l)	BDL	BDL	BDL	
42	Dieldrin (mg/l)	BDL	BDL	BDL	
43	Carboryl Carbamate (mg/l)	BDL	BDL	BDL	
44	24-D (mg/l)	BDL	BDL	BDL	
45	Malathian (mg/l)	BDL	BDL	BDL	
46	Methyl Parathian (mg/l)	BDL	BDL	BDL	
47	Anilophos (mg/l)	BDL	BDL	BDL	
48	Chloropyriphos (mg/l)	BDL	BDL	BDL	
* AB - Absent ND - Not Detected BDL - Below Detectable Limit					