

January 2017 - Quarter
Surface water quality In Karaikal

Sl.No	Parameters	Arasalar
1	Dt.of Sampling	30.01.2017
2	Time	11.45
3	Temperature °C	27
4	DO mg/l	—
5	pH	8.70
6	Conductivity (µmho/cm)	5590
7	BOD (mg/l)	7
8	Nitrate -N (mg/l)	0.01
9	Nitrate (mg/l)	0.044
10	Nitrite - N (mg/l)	0.0039
11	Turbidity NTU	6.3
12	Bi- Carbonate as CaCO ₃ (mg/l)	281
13	Chloride (mg/l)	192
14	COD (mg/l)	66
15	Hardness as CaCO ₃ (mg/l)	748
16	Calcium as CaCO ₃ (mg/l)	380
17	Calcium as Ca++	152
18	Magnesium as CaCO ₃ (mg/l)	368
19	Magnesium as Mg++	98.4
20	Sulphate (mg/l)	148
21	Sodium (mg/l)	671
22	TDS (mg/l)	3377
23	TSS (mg/l)	25
24	Ammonia - N (mg/l)	BDL
25	Orthophosphate (mg/l)	0.017
26	Potassium (mg/l)	23.7
27	% Sodium	65
28	SAR	10.65
29	Total Coliform MPN/100 ml	—
30	Fecal Coliform MPN/100 ml	—
31	Arsenic as AS (mg/l)	0.025
32	Cadmium as CD (mg/l)	ND
33	Copper as Cu (mg/l)	ND
34	Chromium as Cr (mg/l)	0.004
35	Iron as Fe (mg/l)	0.236
36	Lead as Pb (mg/l)	ND
37	Nickel as Ni (mg/l)	ND
38	Zinc as Zn (mg/l)	ND
39	Alpha BHC (mg/l)	BDL
40	Beta BHC (mg/l)	BDL
41	Gama BHC (Lindane) (mg/l)	BDL
42	OP DDT (mg/l)	BDL
43	PP DDT (mg/l)	BDL
44	Alpha Endosulphan (mg/l)	BDL
45	Beta Endosulphan (mg/l)	BDL
46	Dieldrin (mg/l)	BDL
47	Carboryl Carbamate (mg/l)	BDL
48	24-D (mg/l)	BDL
49	Malathian (mg/l)	BDL
50	Methyl Parathian (mg/l)	BDL
51	Anilophos (mg/l)	BDL
52	Chloropyriphos (mg/l)	BDL

* AB - Absent ND - Not Detected BDL - Below Detectable Limit