

Surface Water Quality Data in Karaikal - NOVEMBER 2024		
Sl.No.	Parameters	Arasalar River
	Station Code	1685
1	Latitude	10.9095 N
2	Longitude	79.817833 E
3	Dt.of Sampling	04.11.2024
4	Time	06.30 A.M
5	Temperature °C	30.0
6	DO mg/l	3.6
7	pH	7.01
8	Conductivity µmho/cm	759
9	Turbidity NTU	2.7
10	COD (mg/l)	20.1
11	BOD (mg/l)	1.1
12	Nitrate -N (mg/l)	BDL (DL : 0.3)
13	Nitrite -N (mg/l)	BDL (DL:0.02)
14	Nitrate (mg/l)	BDL
15	Ammonia - N mg/l	BDL (DL : 0.4)
16	P. Alkalinity (mg/l)	BDL (DL : 5.0)
17	Total Alkalinity (mg/l)	170
18	Chloride mg/l	79.8
19	Total Hardness mg/l	66
20	Calcium Hardness mg/l	40
21	Calcium as Ca++ mg/l	16
22	Magnesium Hardness mg/l	26
23	Magnesium as Mg++ mg/l	6.32

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	Station Code	1685
24	TDS mg/l	432
25	TSS (mg/l)	23.0
26	FDS/TFS mg/l	291
27	Sulphate (mg/l)	5.9
28	Fluoride (mg/l)	1.35
29	Ortho phosphate(mg/l)	BDL (DL:0.05)
30	Sodium mg/l	108.02
31	Potassium mg/l	4.73
32	% Sodium	76.43
33	SAR	5.8
34	Total Coliform MPN/100 ml	920
35	Faecal Coliform MPN/100ml	920
36	Faecal Streptococci MPN/100ml	170

BDL - Below Detectable Limit DL - Detection Limit