

Surface Water Quality Data in Mahe Region - 2024		
Sl. No.	Parameters	Mahe River
	Station Code	2445
1	Latitude	11.704677 N
2	Longitude	75.54327 E
3	Dt.of Sampling	30.07.2024
4	Time	10.30 A.M
5	Temperature °C	27.0
6	pH	5.78
7	Turbidity NTU	298
8	DO (mg/l)	6.4
9	COD (mg/l)	48.0
10	BOD (mg/l)	2.0
11	Chloride (mg/l)	22.3
12	Total Hardness (mg/l)	30
13	Calcium Hardness (mg/l)	4.0
14	Calcium as Ca ⁺⁺ (mg/l)	1.6
15	Magnesium Hardness (mg/l)	26.0
16	Magnesium as Mg ⁺⁺ (mg/l)	6.3
17	TSS (mg/l)	1156
18	Sodium (mg/l)	8.87
19	Potassium (mg/l)	2.21
20	% Sodium	36.82
21	SAR	0.7
22	Copper (mg/l)	0.06
23	Nickel (mg/l)	0.03
24	Cadmium (mg/l)	BDL
25	Lead (mg/l)	0.021
26	Total Chromium (mg/l)	BDL
27	Iron (mg/l)	56.6

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28	Zinc (mg/l)	0.07
29	Arsenic (mg/l)	BDL
30	Mercury (mg/l)	BDL
31	Alpha HCH (µg/l)	BDL
32	Gamma HCH (µg/l)	BDL
33	Detla HCH (µg/l)	BDL
34	Methyl Parathion (µg/l)	BDL
35	Alachor (µg/l)	BDL
36	Aldrin (µg/l)	BDL
37	Malathion (µg/l)	BDL
38	Chlorpyrifos (µg/l)	BDL
39	Alpha Endosulfan (µg/l)	BDL
40	Butachlor (µg/l)	BDL
41	Beta Endosulfan (µg/l)	BDL
42	Phorate (µg/l)	BDL
43	op DDT (µg/l)	BDL
44	op DDD (µg/l)	BDL
45	pp DDD (µg/l)	BDL
46	op DDE (µg/l)	BDL
47	pp DDE (µg/l)	BDL
48	Dieldrin (µg/l)	BDL
49	Ethion (µg/l)	BDL
50	Endosulfan sulfate (µg/l)	BDL
51	pp DDT (µg/l)	BDL

BDL - Below Detectable Limit DL - Detection Limit