

Surface Water Quality Data in Mahe Region - 2025		
Sl. No.	Parameters	Mahe River
	Station Code	2445
1	Latitude	11.704677 N
2	Longitude	75.54327 E
3	Dt.of Sampling	19.08.2025
4	Time	12.30 P.M
5	Temperature °C	28.0
6	pH	6.27
7	Conductivity (µmho/cm)	210.0
8	Turbidity NTU	4.3
9	DO (mg/l)	6.4
10	COD (mg/l)	36.0
11	BOD (mg/l)	BDL (DL: 1.0)
12	Nitrate -N (mg/l)	0.81
13	Nitrite-N (mg/l)	BDL (DL:0.02)
14	Nitrate (mg/l)	3.58
15	P. Alkalinity (mg/l)	BDL (DL:5.0)
16	Total Alkalinity (mg/l)	28.0
17	Fluoride (mg/l)	0.49
18	Chloride (mg/l)	38.9
19	Ammonia -N (mg/l)	BDL (DL:0.4)
20	Total Hardness (mg/l)	44.0
21	Calcium Hardness (mg/l)	12.0
22	Magnesium Hardness (mg/l)	32.0
23	Calcium as Ca ⁺⁺ (mg/l)	4.8
24	Magnesium as Mg ⁺⁺ (mg/l)	7.8
25	TDS (mg/l)	145
26	TSS (mg/l)	BDL (DL:10.0)
27	FDS /TFS (mg/l)	41.0

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28	Sodium (mg/l)	23.8
29	Sulphate (mg/l)	5.42
30	Potassium (mg/l)	1.5
31	Ortho phosphate (mg/l)	BDL (DL:0.05)
32	% Sodium	52.76
33	SAR	1.55
34	Copper (mg/l)	BDL (DL: 0.02)
35	Nickel (mg/l)	BDL (DL: 0.005)
36	Cadmium (mg/l)	BDL (DL: 0.001)
37	Lead (mg/l)	BDL (DL: 0.005)
38	Total Chromium (mg/l)	BDL (DL: 0.02)
39	Iron (mg/l)	0.56
40	Zinc (mg/l)	BDL (DL: 0.05)
41	Arsenic (mg/l)	BDL (DL:0.005)
42	Mercury (mg/l)	BDL (DL: 0.0005)
43	Alpha HCH (µg/l)	BDL
44	Gamma HCH (µg/l)	BDL
45	Detla HCH (µg/l)	BDL
46	Methyl Parathion (µg/l)	BDL
47	Alachor (µg/l)	BDL
48	Aldrin (µg/l)	BDL
49	Malathion (µg/l)	BDL
50	Chlorpyrifos (µg/l)	BDL
51	Alpha Endosulfan (µg/l)	BDL
52	Butachlor (µg/l)	BDL
53	Beta Endosulfan (µg/l)	BDL
54	Phorate (µg/l)	BDL
55	op DDT (µg/l)	BDL
56	op DDD (µg/l)	BDL

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57	pp DDD (µg/l)	BDL
58	op DDE (µg/l)	BDL
59	pp DDE (µg/l)	BDL
60	Dieldrin (µg/l)	BDL
61	Ethion (µg/l)	BDL
62	Endosulfan sulfate (µg/l)	BDL
63	pp DDT (µg/l)	BDL

BDL - Below Detectable Limit DL - Detection Limit