

**ANNUAL AVERAGE READING OF WATER QUALITY DATA UNDER NWMP, MIZORAM FOR THE YEAR 2006**

Sl. No	Parameter	Method Used	Unit	River Tlawng, Upstream, Aizawl	River Tlawng, Downstream, Aizawl	River Tuirial, Upstream, Aizawl	River Tuirial, Downstream, Aizawl	Ramhlun North Tuikhur, Aizawl	Mission Vengthlang Tuikhur, Aizawl
				2050	2051	2052	2053	2054	2055
1	Temperature	Thermometric Method	°C	22.7	24	24.5	24.6	21.7	21
2	pH	Electrometric Method	-	7.6	8.1	7.8	7.8	7.6	7.9
3	Velocity	Float Method	m/s	0.8	0.98	0.67	1.2	N/A	N/A
4	Conductivity	Conductometric Method	µs/cm	134	143	146	163	409	483
5	D.O	Iodometric Method	mg/L	7.6	7.2	8.2	8.7	4.8	4.8
6	Chloride	Argentometric titration	mg/L	9.6	11	12	13.4	68.3	79.9
7	Total hardness as CaCO <sub>3</sub>	Complexometric Titration	mg/L	49	57	64.5	72	95.2	192.2
8	Calcium	Complexometric Titration	mg/L	11.1	12.4	14.4	13.8	19.3	30.2
9	Magnesium	Calculation Method	mg/L	5.2	6.2	6.7	8.9	11.2	64.2
10	Alkalinity	Visual Titration	mg/L	54	58.9	72.8	71	49.2	64.2
11	TDS	Gravimetric Method	mg/L	169	214	175	167	325	470
12	TSS	-----do-----	mg/L	126	159	151	144	278	411
13	BOD	Dilution Method	mg/L	0.29	0.3	0.32	0.47	0.54	0.86

(Source: Mizoram Pollution Control Board)