

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD: NOVEMBER, 2013**

Sl. No.	PARAMETER	RESULT					
		STATION CODE: 2050 Tlawng Upper Stream	STATION CODE: 2051 Tlawng Lower Stream	STATION CODE: 2052 Tuirial Upper Stream	STATION CODE: 2053 Tuirial Lower Stream	STATION CODE: 2054 Ramhlun North	STATION CODE: 2055 Mission Vengthlang
1	Weather	Clear	Clear	Clear	Clear	Clear	Clear
2	Depth of water body	1 meter	1.2 meter	0.5 meter	0.5 meter	0.8 meter	1 meter
3	Colour	Colourless	Colourless	Colourless	Colourless	Colourless	Colourless
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow	0.9 m/s	0.9 m/s	0.5 m/s	0.5 m/s	N/A	N/A
6	Water Temperature	20°C	20°C	22°C	22°C	18°C	18°C
7	Dissolved Oxygen	6.4 mg/L	6.3 mg/L	6.4 mg/L	6.2 mg/L	5.0 mg/L	2.5 mg/L
8	Major polluting sources	Agriculture	Agriculture	Agriculture	Agriculture	Domestic	Domestic
9	Used of water at or in down stream of monitoring stations	Used as public water supply	Water treatment plant located near the station	-	-	Washing	Washing

**CORE PARAMETERS**

10	pH	6.72	6.85	6.83	6.91	6.08	7.03
11	Conductivity	281 us/cm	304 us/cm	245 us/cm	274 us/cm	250 us/cm	333 us/cm
12	Biochemical Oxygen Demand	1.5 mg/L	1.2 mg/L	1.2 mg/L	1.2 mg/L	1.0 mg/L	0.9 mg/L
13	Nitrogen- Nitrite (N-NO <sub>2</sub> )	0.119 mg/L	0.140 mg/L	0.148 mg/L	0.152 mg/L	0.152 mg/L	0.115 mg/L
14	Faecal Coliform	NA	NA	NA	NA	NA	NA
15	Total Coliform	NA	NA	NA	NA	NA	NA

**GENERAL PARAMETERS**

16	Turbidity	0 NTU	0 NTU	0 NTU	0 NTU	0 NTU	0 NTU
17	Carbonate as CaCO <sub>3</sub> (Alkalinity)	51 mg/L	57.8 mg/L	59.5 mg/L	54.4 mg/L	34 mg/L	195.5 mg/L
18	Chloride	12.8 mg/L	15.1 mg/L	11.3 mg/L	9.1 mg/L	7.5 mg/L	83.4 mg/L
19	Nitrogen Ammonia (N-NH <sub>3</sub> )	0.418 mg/L	0.342 mg/L	0.361 mg/L	0.395 mg/L	0.395 mg/L	0.376 mg/L
20	Total hardness as CaCO <sub>3</sub>	80.0 mg/L	70.0 mg/L	68 mg/L	70.0 mg/L	64 mg/L	210 mg/L
21	Calcium	21.6 mg/L	18.4 mg/L	17.6 mg/L	17 mg/L	17.6 mg/L	58.4 mg/L
22	Magnesium	6.2 mg/L	5.7 mg/L	5.7 mg/L	4.8 mg/L	4.8 mg/L	15.3 mg/L
23	Sodium	NA	NA	NA	NA	NA	NA
24	Total Dissolved Solids	130 mg/L	160 mg/L	170 mg/L	190 mg/L	110 mg/L	140 mg/L
25	Total Suspended Solids	70 mg/L	70 mg/L	90 mg/L	90 mg/L	50 mg/L	80 mg/L
26	Phosphate, PO <sub>4</sub> <sup>3-</sup>	0.071 mg/L	0.039 mg/L	0.055 mg/L	0.086 mg/L	0.086 mg/L	0.024 mg/L