

**Water Quality Data Monitored by Mizoram State Pollution Control Board
April - June, 2010**

Sl. No.	PARAMETER	RESULT					
		STATION CODE: 2050 River Tlawng, Upstream	STATION CODE: 2051 River Tlawng, Downstream	STATION CODE: 2052 River Tuirial, Uppercatchment	STATION CODE: 2053 River Tuirial, Lowercatchment	STATION CODE: 2054 Ramhlun North Tuikhur (Spring Water)	STATION CODE: 2055 Mission Vengthlang Tuikhur (Spring Water)
1	Velocity of Flow	3 m/s	3 m/s	2.1 m/s	2 m/s	N/A	N/A
2	Water Temperature	24°C	24°C	20°C	20°C	18°C	19°C
3	Dissolved Oxygen	6.7 mg/L	7.4 mg/L	6.7 mg/L	6.2 mg/L	3.9 mg/L	5 mg/L
4	pH	7.1	6.9	7	6.7	6.2	6
5	Conductivity	249 µs/cm	244 µs/cm	330 µs/cm	341 µs/cm	83 µs/cm	102 µs/cm
6	BOD	1.5 mg/L	1.3 mg/L	1.7 mg/L	1.5 mg/L	2.4 mg/L	2.6 mg/L
7	Nitrogen-Nitrite (N-NO ₂)	0.129 mg/L	0.113 mg/L	0.142 mg/L	0.129 mg/L	0.193 mg/L	0.166 mg/L
8	Turbidity	9 NTU	13 NTU	23 NTU	23 NTU	0.00 NTU	1 NTU
9	Carbonate as CaCO ₃ (Alkalinity)	79.6 mg/L	75.6 mg/L	69.6 mg/L	59.7 mg/L	47.7 mg/L	87.5 mg/L
10	Chloride	10.2 mg/L	12.3 mg/L	10.3 mg/L	11.3 mg/L	64.1 mg/L	94.5 mg/L
11	Nitrogen Ammonia (N-NH ₃)	0.771 mg/L	0.733 mg/L	0.585 mg/L	0.581 mg/L	0.133 mg/L	0.551 mg/L
12	Total hardness as CaCO ₃	80 mg/L	90 mg/L	70 mg/L	36 mg/L	100 mg/L	160 mg/L
13	Calcium	15.2 mg/L	17.6 mg/L	12.8 mg/L	6.4 mg/L	22.4 mg/L	33.6 mg/L
14	Magnesium	10 mg/L	11 mg/L	9.1 mg/L	4.8 mg/L	10.5 mg/L	18.2 mg/L
15	Sodium	12.5 mg/L	16.5 mg/L	31.5 mg/L	26 mg/L	29.5 mg/L	26.5 mg/L
16	TDS	130 mg/L	120 mg/L	80 mg/L	30 mg/L	80 mg/L	30 mg/L
17	TSS	380 mg/L	410 mg/L	2600 mg/L	2700 mg/L	120 mg/L	40 mg/L
18	Phosphate, PO ₄ ³⁻	0.274 mg/L	0.298 mg/L	0.169 mg/L	0.164 mg/L	0.105 mg/L	0.214 mg/L