

**Water Quality Data Monitored by Mizoram State Pollution Control Board
January - March, 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	1.4 m/s	1.3 m/s	1.5 m/s	1.4 m/s	N/A	N/A
2	Water Temperature	17°C	17°C	17°C	17°C	18°C	16°C
3	Dissolved Oxygen	7.2 mg/L	7.4 mg/L	7.4 mg/L	7.6 mg/L	6.2 mg/L	2.2 mg/L
4	pH	7.8	7.5	7	7.3	6.3	5
5	Conductivity	190 µs/cm	149 µs/cm	359 µs/cm	385 µs/cm	95 µs/cm	167 µs/cm
6	BOD	1.1 mg/L	1.4 mg/L	1.0 mg/L	1.3 mg/L	2.1 mg/L	2.1 mg/L
7	Nitrogen-Nitrite (N-NO ₂)	0.131 mg/L	0.135 mg/L	0.135 mg/L	0.123 mg/L	0.195 mg/L	0.166 mg/L
8	Turbidity	0.00 NTU	0.00 NTU	0.00 NTU	0.00 NTU	0.00 NTU	0.00 NTU
9	Carbonate as CaCO ₃ (Alkalinity)	105.2 mg/L	91.8 mg/L	113.2 mg/L	144.3 mg/L	22.4 mg/L	145.6 mg/L
10	Chloride	8.1 mg/L	6.1 mg/L	15.3 mg/L	11.2 mg/L	66.3 mg/L	91.8 mg/L
11	Nitrogen Ammonia (N-NH ₃)	0.923 mg/L	0.74 mg/L	0.20 mg/L	0.61 mg/L	0.07 mg/L	0.66 mg/L
12	Total hardness as CaCO ₃	70 mg/L	66 mg/L	76 mg/L	74 mg/L	78 mg/L	140 mg/L
13	Calcium	16 mg/L	14.4 mg/L	16.8 mg/L	16 mg/L	17.6 mg/L	44 mg/L
14	Magnesium	7.2 mg/L	7.2 mg/L	8.1 mg/L	8.1 mg/L	8.1 mg/L	10.5 mg/L
15	Sodium	18.5 mg/L	34.5 mg/L	39.5 mg/L	26.5 mg/L	55 mg/L	49 mg/L
16	TDS	160 mg/L	100 mg/L	120 mg/L	130 mg/L	150 mg/L	120 mg/L
17	TSS	20 mg/L	30 mg/L	50 mg/L	60 mg/L	60 mg/L	40 mg/L
18	Phosphate, PO ₄ ³⁻	0.414 mg/L	0.413 mg/L	0.195 mg/L	0.296 mg/L	0.097 mg/L	0.270 mg/L