

**Water Quality Data Monitored by Mizoram State Pollution Control Board**  
**December 2007 - February 2008**

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	0.4 m/s	0.4 m/s	0.3 m/s	0.5 m/s	N/A	N/A
2	Water Temperature	20°C	21°C	20°C	21°C	18°C	17°C
3	Dissolved Oxygen	7.8 mg/l	8.7 mg/l	7.6 mg/l	6.9 mg/l	6.1 mg/l	4.2 mg/l
4	pH	7.5	7.6	7.8	7.7	6.9	6.9
5	Conductivity	140 µS/cm	148 µS/cm	170 µS/cm	165 µS/cm	390 µS/cm	680 µS/cm
6	BOD	0.3 mg/l	0.5 mg/l	0.4 mg/l	0.6 mg/l	1.2 mg/l	1.4 mg/l
7	Nitrogen-Nitrite (N-NO <sub>2</sub> )	0.10 mg/l	0.12 mg/l	0.15 mg/l	0.21 mg/l	0.27 mg/l	0.11 mg/l
8	Total Coliform	3.6 MPN	3 MPN	7 MPN	3 MPN	7.3 MPN	11 MPN
9	Alkalinity	88.6 mg/l	82.7 mg/l	96.5 mg/l	82.7 mg/l	23.6 mg/l	126 mg/l
10	Turbidity	0.0 NTU	0.0 NTU	0.0 NTU	0.0 NTU	0.0 NTU	0.0 NTU
11	Chloride	13.7 mg/l	13.7 mg/l	16.4 mg/l	13.7 mg/l	69.8 mg/l	168.5 mg/l
12	Nitrogen Ammonia (N-NH <sub>3</sub> )	0.15 mg/l	0.35 mg/l	0.33 mg/l	0.23 mg/l	0.28 mg/l	0.12 mg/l
13	Total hardness as CaCO <sub>3</sub>	130 mg/l	126 mg/l	86 mg/l	80 mg/l	92 mg/l	332 mg/l
14	Calcium	14.4 mg/l	15.2 mg/l	14.4 mg/l	13.6 mg/l	12 mg/l	49.6 mg/l
15	Magnesium	22.5 mg/l	21.1 mg/l	12 mg/l	11 mg/l	14.8 mg/l	49.9 mg/l
16	TDS	96 mg/l	104 mg/l	108 mg/l	115 mg/l	290 mg/l	471 mg/l
17	TSS	68 mg/l	60 mg/l	120 mg/l	63 mg/l	66 mg/l	23 mg/l
18	Phosphate, PO <sub>4</sub> <sup>3-</sup>	0.32 mg/l	0.16 mg/l	0.19 mg/l	0.18 mg/l	0.56 mg/l	0.70 mg/l