

**Water Quality Data Monitored by Mizoram State Pollution Control Board**  
**July - September, 2008**

SI. 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	0.5 m/s	0.5m/s	0.8 m/s	0.8 m/s	N/A	N/A
2	Water Temperature	26.8°C	27°C	27°C	27°C	22.2 °C	22.4 °C
3	Dissolved Oxygen	6.48 mg/l	7.6 mg/l	7.0 mg/l	7.4 mg/l	4.7 mg/l	5.4 mg/l
4	pH	8.05	7.65	8.14	8.1	8.09	6.12
5	Conductivity	70 µs/cm	82 µs/cm	88 µs/cm	220µs/cm	386 µs/cm	428µs/cm
6	BOD	0.7 mg/l	1.1 mg/l	1.1 mg/l	0.8 mg/l	1.2 mg/l	1.5 mg/l
7	Nitrogen-Nitrite (N-NO <sub>2</sub> )	0.133 mg/l	0.189 mg/l	0.109 mg/l	0.127 mg/l	0.127 mg/l	0.244 mg/l
8	Total Coliform	3.6 MPN	3 MPN	7 MPN	15 MPN	11MPN	15 MPN
9	Alkalinity	43.8 mg/l	52.2 mg/l	50.1 mg/l	52.2 mg/l	31.3 mg/l	94 mg/l
10	Turbidity	10 NTU	12 NTU	46 NTU	48 NTU	1 NTU	1 NTU
11	Chloride	11.3 mg/l	9.9 mg/l	11.3 mg/l	9.9 mg/l	62.4 mg/l	62.4 mg/l
12	Nitrogen Ammonia (N-NH <sub>3</sub> )	0.296 mg/l	0.106 mg/l	0.353 mg/l	0.501 mg/l	0.072 mg/l	0.026 mg/l
13	Total hardness as CaCO <sub>3</sub>	48 mg/l	42 mg/l	80mg/l	64 mg/l	136 mg/l	124 mg/l
14	Calcium	7.2 mg/l	8.8 mg/l	8.0 mg/l	8.8 mg/l	16.0 mg/l	20.0 mg/l
15	Magnesium	7.2 mg/l	4.8 mg/l	14.4 mg/l	10.0 mg/l	23 mg/l	17.7 mg/l
16	TDS	36 mg/l	80 mg/l	69.5 mg/l	202 mg/l	374 mg/l	358 mg/l
17	TSS	102 mg/l	10 mg/l	180 mg/l	323 mg/l	39 mg/l	36 mg/l
18	Phosphate,PO <sub>4</sub> <sup>3-</sup>	0.039 mg/l	0.029 mg/l	0.146 mg/l	0.043 mg/l	0.111 mg/l	0.222 mg/l