

**Water Quality Data Monitored by Mizoram State Pollution Control Board**  
**April - June, 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	0.7 m/s	1.7 m/s	0.8 m/s	1.2 m/s	N/A	N/A
2	Water Temperature	30.5°C	30.7°C	30.5°C	31.2°C	22.6°C	22.1°C
3	Dissolved Oxygen	6.5 mg/l	5.7 mg/l	4.3 mg/l	5.4 mg/l	3.7 mg/l	3.5 mg/l
4	pH	7.5	7.9	8.3	8.1	5.7	6.4
5	Conductivity	132 µs/cm	142 µs/cm	165 µs/cm	181 µs/cm	464 µs/cm	547 µs/cm
6	BOD	0.9 mg/l	1.2 mg/l	1.6 mg/l	1.7 mg/l	2.7 mg/l	2.1 mg/l
7	Nitrogen-Nitrite	0.108 mg/l	0.144 mg/l	0.126 mg/l	0.129 mg/l	0.16 mg/l	0.116 mg/l
8	Total Coliform	3 MPN	3 MPN	3.6 MPN	7.2 MPN	7.3 MPN	7.3 MPN
9	Alkalinity	67.5 mg/l	67.5 mg/l	77.2 mg/l	81.0 mg/l	38.6 mg/l	100.3 mg/l
10	Turbidity	0.0 NTU	0.0 NTU	45 NTU	46 NTU	0.0 NTU	0.0 NTU
11	Chloride	13.7 mg/l	13.7 mg/l	13.7 mg/l	13.7 mg/l	78.0 mg/l	75.3 mg/l
12	Nitrogen Ammonia (N-NH <sub>3</sub> )	0.0456 mg/l	0.0874 mg/l	0.410 mg/l	0.174 mg/l	0.087 mg/l	0.011 mg/l
13	Total hardness as CaCO <sub>3</sub>	66 mg/l	72 mg/l	106 mg/l	80 mg/l	150 mg/l	160 mg/l
14	Calcium	12 mg/l	12.8 mg/l	12.0 mg/l	12.8 mg/l	16.0 mg/l	33.6 mg/l
15	Magnesium	8.6 mg/l	9.6 mg/l	18.2 mg/l	11.5 mg/l	26.4 mg/l	18.2 mg/l
16	TDS	120 mg/l	131 mg/l	119 mg/l	147 mg/l	453 mg/l	545 mg/l
17	TSS	31 mg/l	97 mg/l	23 mg/l	19 mg/l	92 mg/l	95 mg/l
18	Phosphate, PO <sub>4</sub> <sup>3-</sup>	0.094 mg/l	0.012 mg/l	0.076 mg/l	0.169 mg/l	0.277 mg/l	0.222 mg/l