

**Water Quality Data Monitored by Mizoram State Pollution Control Board  
June - August, 2006**

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	Temperature	26.0°C	27.0°C	26.0°C	26.0 °C	23.0°C	24.0 °C
2	pH	8.09	8.04	7.89	7.81	8.01	8.37
3	Conductivity	92 µS/cm	91 µS/cm	92 µS/cm	91 µS/cm	473 µS/cm	695 µS/cm
4	Velocity of Flow	0.61 m/s	0.53 m/s	0.66 m/s	0.58 m/s	N/A	N/A
5	Dissolved Oxygen	7.9 mg/l	7.5 mg/l	8.6 mg/l	9.4 mg/l	4.1 mg/l	7.0 mg/l
6	Chloride	7.0 mg/l	9.82 mg/l	9.35 mg/l	7.95 mg/l	66.44 mg/l	94.99 mg/l
7	Total hardness as CaCO <sub>3</sub>	46 mg/l	42 mg/l	30 mg/l	46 mg/l	105 mg/l	341 mg/l
8	Calcium	12 mg/l	12.8 mg/l	10 mg/l	10.8 mg/l	25.2 mg/l	38.8 mg/l
9	Magnesium	3.84 mg/l	2.4 mg/l	1.2 mg/l	4.56 mg/l	10.08 mg/l	60.0 mg/l
10	Alkalinity	50.8 mg/l	50.8 mg/l	50.0 mg/l	48.6 mg/l	50.7 mg/l	38.0 mg/l
11	TDS	173 mg/l	289 mg/l	199 mg/l	186 mg/l	351 mg/l	656 mg/l
12	TSS	115 mg/l	219 mg/l	207 mg/l	216 mg/l	323 mg/l	607 mg/l
13	BOD	0.5 mg/l	0.6 mg/l	0.4 mg/l	0.5 mg/l	0.7 mg/l	0.8 mg/l