

Water Quality Data Monitored by Mizoram State Pollution Control Board
October - December, 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	0.4 m/s	3 m/s	4 m/s	3 m/s	N/A	N/A
2	Water Temperature	25.0°C	25 °C	20 °C	20 °C	19 °C	20 °C
3	Dissolved Oxygen	7.1 mg/l	6.7 mg/l	7.3 mg/l	7.0 mg/l	5.0 mg/l	4.8 mg/l
4	pH	8.1	8	7.9	7.8	6.2	6.5
5	Conductivity	145 µs/cm	149 µs/cm	182 µs/cm	186 µs/cm	456 µs/cm	720 µs/cm
6	BOD	0.7 mg/l	0.9 mg/l	0.8 mg/l	1.0 mg/l	1.4 mg/l	1.7 mg/l
7	Nitrogen-Nitrite (N-NO ₂)	0.144 mg/l	0.223 mg/l	0.137 mg/l	0.127 mg/l	0.223 mg/l	0.252 mg/l
8	Total Coliform	3 MPN	3 MPN	7.2 MPN	7.3 MPN	15 MPN	19 MPN
9	Alkalinity	66.3 mg/l	85.6 mg/l	74.9 mg/l	70.6 mg/l	62.0 mg/l	89.8 mg/l
10	Turbidity	0.00 NTU	0.00 NTU	0.1 NTU	0.7 NTU	0.00 NTU	0.00 NTU
11	Chloride	18.5 mg/l	19.9 mg/l	22.8 mg/l	12.8 mg/l	12.8 mg/l	15.6 mg/l
12	Nitrogen Ammonia (N-NH ₃)	0.072 mg/l	0.087 mg/l	0.079 mg/l	0.091 mg/l	1.37 mg/l	0.05 mg/l
13	Total hardness as CaCO ₃	66 mg/l	64 mg/l	86 mg/l	112 mg/l	112 mg/l	94 mg/l
14	Calcium	8.8 mg/l	8.0 mg/l	8.0 mg/l	13.6 mg/l	13.6 mg/l	13.6 mg/l
15	Magnesium	10.6 mg/l	10.6 mg/l	15.8 mg/l	18.7 mg/l	18.7 mg/l	14.4 mg/l
16	TDS	120 mg/l	90 mg/l	150 mg/l	170 mg/l	250 mg/l	450 mg/l
17	TSS	40 mg/l	50 mg/l	50 mg/l	20 mg/l	180 mg/l	250 mg/l
18	Phosphate, PO ₄ ³⁻	0.007 mg/l	0.001 mg/l	0.019 mg/l	0.012 mg/l	0.016 mg/l	0.045 mg/l