

**Water Quality Data Monitored by Mizoram State Pollution Control Board
June, 2011**

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	1.1 m/s	2 m/s	1.6 m/s	1.8 m/s	N/A	N/A
2	Water Temperature	25°C	25°C	26°C	26°C	23°C	22°C
3	Dissolved Oxygen	7.4 mg/L	7.1 mg/L	6.5mg/L	6.8 mg/L	5.6 mg/L	3.5 mg/L
4	pH	7.3	7	6.9	6.6	6.3	6.2
5	Conductivity	304 µs/cm	349 µs/cm	318 µs/cm	320 µs/cm	140 µs/cm	290 µs/cm
6	BOD	1.1 mg/L	1.3 mg/L	1.4 mg/L	1.6 mg/L	2.0 mg/L	2.3 mg/L
7	Nitrogen-Nitrite (N-NO ₂)	0.103 mg/L	0.118 mg/L	0.115 mg/L	0.104 mg/L	0.117 mg/L	0.117 mg/L
8	Total Coliform	21 MPN	20 MPN	35 MPN	39 MPN	75 MPN	95 MPN
9	Faecal Coliform	7 MPN	3 MPN	7 MPN	3.6	10 MPN	12 MPN
10	Turbidity	72 NTU	83 NTU	54 NTU	45 NTU	1 NTU	1 NTU
11	Carbonate as CaCO ₃ (Alkalinity)	52.9 mg/L	47 mg/L	74.4 mg/L	80.3 mg/L	58.8 mg/L	29.4 mg/L
12	Chloride	15.3 mg/L	13.2 mg/L	15.3 mg/L	16.3 mg/L	59.2 mg/L	98 mg/L
13	Nitrogen Ammonia (N-NH ₃)	0.95 mg/L	0.98 mg/L	1.128 mg/L	1.121 mg/L	1.292 mg/L	1.242 mg/L
14	Total hardness as CaCO ₃	30 mg/L	22 mg/L	34 mg/L	46 mg/L	34 mg/L	46 mg/L
15	Calcium	6.4 mg/L	4 mg/L	8 mg/L	8.8 mg/L	8.0 mg/L	8.8 mg/L
16	Magnesium	3.3 mg/L	2.8 mg/L	3.3 mg/L	5.7 mg/L	3.3 mg/L	5.7 mg/L
17	TDS	110 mg/L	70 mg/L	80 mg/L	140 mg/L	60 mg/L	70 mg/L
18	TSS	30 mg/L	40 mg/L	50 mg/L	20 mg/L	20 mg/L	30 mg/L
19	Phosphate, PO ₄ ³⁻	0.346 mg/L	0.376 mg/L	0.404 mg/L	0.403 mg/L	0.432 mg/L	0.479 mg/L
20	Sodium	24.5 mg/L	30.5 mg/L	31 mg/L	35 mg/L	95 mg/L	68.5 mg/L