

Water Quality Data Monitored by Mizoram State Pollution Control Board
September - November, 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	27.0°C	27.5 °C	23.0°C	22.0 °C
2	pH	8.1	8.19	7.9	7.98	8.03	8.31
3	Conductivity	171 µS/cm	201 µS/cm	131 µS/cm	129 µS/cm	317 µS/cm	421 µS/cm
4	Velocity of Flow	1.7 m/s	2.1 m/s	1.2 m/s	2 m/s	N/A	N/A
5	Dissolved Oxygen	7.2 mg/l	7.3 mg/l	7.2 mg/l	8.2 mg/l	4.2 mg/l	3.7 mg/l
6	Chloride	13.3 mg/l	12.40 mg/l	9.12 mg/l	10.90 mg/l	62.03 mg/l	64.69 mg/l
7	Total hardness as CaCO ₃	50.0 mg/l	52 mg/l	76 mg/l	60 mg/l	50 mg/l	140 mg/l
8	Calcium	10.4 mg/l	9.6 mg/l	9.84 mg/l	8.48 mg/l	16.24 mg/l	32.24 mg/l
9	Magnesium	5.7 mg/l	6.72 mg/l	12.33 mg/l	9.31 mg/l	2.25 mg/l	14.25 mg/l
10	Alkalinity	61.2 mg/l	54.4 mg/l	57.96 mg/l	51.06 mg/l	41.81 mg/l	88.4 mg/l
11	TDS	151 mg/l	194 mg/l	127 mg/l	108 mg/l	275 mg/l	351 mg/l
12	TSS	121 mg/l	139 mg/l	108mg/l	99 mg/l	207 mg/l	310 mg/l
13	BOD	0.092 mg/l	0.18 mg/l	0.25 mg/l	0.44 mg/l	0.38 mg/l	0.92 mg/l