

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD: OCTOBER, 2014**

Sl. No.	PARAMETER	RESULT					
		STATION CODE: 2050 Tlawng Upper Stream	STATION CODE: 2051 Tlawng Lower Stream	STATION CODE: 2052 Tuirial Upper Stream	STATION CODE: 2053 Tuirial Lower Stream	STATION CODE: 2054 Ramhlun North	STATION CODE: 2055 Mission Vengthlang
1	Weather	Clear	Clear	Clear	Clear	Rain	Clear
2	Depth of water body (m)	1.3	1.5	1.2	1	0.5	1.2
3	Colour	Colourless	Colourless	Colourless	Colourless	Colourless	Pale Yellow
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Med.smell
5	Velocity of Flow(m/sec)	1	1.1	1.1	1.3	N/A	N/A
6	Water Temp.	28	28	21	21	22	22
7	D.O(mg/L)	7.1	6.8	7.1	6.9	5.9	1.9
8	Major polluting sources	Agriculture	Agriculture	Agriculture	Agriculture	Domestic	Domestic
9	Use of water at or in down stream of monitoring stations	Use as public water supply	Water treatment plant located near the station	-	-	Washing	Washing
CORE PARAMETERS							
10	pH	7.66	7.1	7.21	7.17	7.7	7.33
11	Conductivity(us/cm)	73.4	84.9	53.9	44.6	55.6	70.2
12	BOD (mg/L)	1.7	1.3	1.6	1.4	1.2	0.4
13	Nitrogen- Nitrite (N-NO ₂) (mg/L)	0.034	0.024	0.057	0.04	0.053	
14	Faecal Coliform	NA	NA	NA	NA	NA	NA
15	Total Coliform	NA	NA	NA	NA	NA	NA
GENERAL PARAMETERS							
16	Turbidity (NTU)						
17	Alkalinity (mg/L)	50.7	54	59.1	57.4	25.3	211.2
18	Chloride (mg/L)	7.5	7.5	7.5	7.5	45.5	84.4
19	Nitrogen Ammonia (N-NH ₃) (mg/L)	1.911	0.433	0.327	0.403	0.296	1.604
20	Total hardness (mg/L)	46	50	46	50	70	114
21	Calcium (mg/L)	10.4	9.6	9.6	10.4	16	33.6
22	Magnesium (mg/L)	4.8	6.2	5.2	5.7	7.2	7.2
23	Sodium	NA	NA	NA	NA	NA	NA
24	TDS (mg/L)	130	170	130	150	110	90
25	TSS (mg/L)	60	80	70	70	60	50
26	Phosphate (mg/L)	0.158	0	0.14	0.092	0.078	0.125