

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD: DECEMBER, 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	Clear	Clear
2	Depth of water body (m)	0.8	1	0.2	0.3	0.8	0.9
3	Colour	Colourless	Colourless	Pale Yellow	Pale Yellow	Colourless	Pale Yellow
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	urine smell
5	Velocity of Flow(m/sec)	0.7	0.6	0.5	0.5	N/A	N/A
6	Water Temp.	21	21	21	21	19	18
7	D.O(mg/L)	7.4	7.7	7.9	7.7	5.1	4
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	6.28	6.52	7.06	7.21	6.4	6.06
11	Conductivity(us/cm)	33	36	34	36	80	186
12	BOD (mg/L)	1.1	1.4	1.4	1.3	1.1	1.1
13	Nitrogen- Nitrite (N-NO ₂) (mg/L)	0.063	0.073	0.051	0.046	0.043	0.077
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)	69.2	67.6	81.1	76	50.7	202.8
18	Chloride (mg/L)	7.5	8.3	9.8	8.3	32.6	62.9
19	Nitrogen Ammonia (N-NH ₃) (mg/L)	0.437	0.319	0.426	0.395	0.312	0.327
20	Total hardness (mg/L)	44	50	70	74	64	110
21	Calcium (mg/L)	7.2	10.4	17.6	20	16.8	32.8
22	Magnesium (mg/L)	6.2	5.7	6.2	5.7	5.2	6.7
23	Sodium	20.5	21	40.5	36.5	52	100
24	TDS (mg/L)	120	160	130	150	110	110
25	TSS (mg/L)	60	70	70	70	50	40
26	Phosphate (mg/L)	0.124	0.104	0.083	0.094	0.111	0.093