

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD: AUGUST 2015**

Sl. No.	PARAMETER	RESULT					
		STATION CODE: 2050	STATION CODE: 2051	STATION CODE: 2052	STATION CODE: 2053	STATION CODE: 2054	STATION CODE: 2055
		1	2	3	4	5	6
1	Weather	Clear	Clear	Clear	Clear	Clear	Clear
2	Depth of water body (m)	3	2.5	0.6	0.5	1	2
3	Colour	Pale yellow	Pale yellow	Pale yellow	Pale yellow	Colourless	Colourless
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	3	3.5	0.4	0.2	N/A	N/A
6	Water Temp. (°C)	24	24	24	24	19	19
7	D.O(mg/L)	6.4	6.6	6.8	7.1		2.4
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	7.4	6.9	6.6	6.7	6	6
11	Conductivity(us/cm)	100	101	87	92	344	602
12	BOD (mg/L)	1.5	1.7	1.8	1.7		0.7
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.066	0.073	0.089	0.077		0.065
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)	29.7	33.6	49.5	45.5	19.8	79.2
18	Chloride (mg/L)	6.9	5.9	8.9	9.9	22.7	44.6
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	1.136	1.113	0.794	0.866		0.319
20	Total hardness (mg/L)	32	34	46	48	60	120
21	Calcium (mg/L)	8	8	10.4	10.4	14.4	36.4
22	Magnesium (mg/L)	2.8	3.3	4.8	5.2	5.7	8.1
23	Sodium (mg/L)	18	19	32.5	31.5	40	100
24	TDS (mg/L)	160	140	150	170	90	90
25	TSS (mg/L)	70	60	70	80	40	40
26	Phosphate (mg/L)	0.166	0.265	0.302	0.224		0.333

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD: AUGUST 2015**

Sl. No.	PARAMETER	RESULT					
		STATION CODE: 3709	STATION CODE: 3710	STATION CODE: 3711	STATION CODE: 3712	STATION CODE: 3713	STATION CODE: 3714
		7	8	9	10	11	12
1	Weather	Clear	Clear	Clear	Clear	Rain	
2	Depth of water body (m)	0.9	1.5	0.9	0.8	0.4	
3	Colour	Pale Yellow	Pale yellow	Colourless	Pale yellow	Pale yellow	
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	
5	Velocity of Flow(m/sec)	0.2	3.5	3	4	N/A	
6	Water Temp. (°C)	25	21	20	23	18	
7	D.O(mg/L)	4.5	6.4	7.1	6.5	4.9	
8	Major polluting sources	Agriculture	Agriculture	Agriculture	Agriculture	Domestic	Agriculture
9	Use of water at or in down stream of monitoring stations		Use as public water supply				

**CORE PARAMETERS**

10	pH	7.4	6.7	7	6.6	5.6	
11	Conductivity(us/cm)	132	120	36	97	509	
12	BOD (mg/L)	0.9	1.7	1.8	1.5	0.9	
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.096	0.046	0.012	0.072	0.242	
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)	29.7	35.6	15.8	33.6	49.5	
18	Chloride (mg/L)	9.9	4.9	9.9	4.9	34.1	
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	1.303	0.486	0.198	1.148	1.987	
20	Total hardness (mg/L)	42	30	10	32	74	
21	Calcium (mg/L)	9.6	7.2	2.4	7.2	18.4	
22	Magnesium (mg/L)	5.7	2.8	0.9	3.3	6.7	
23	Sodium (mg/L)	33	16	2	20.5	100	
24	TDS (mg/L)	150	120	100	110	120	
25	TSS (mg/L)	70	60	40	50	50	
26	Phosphate (mg/L)	0.312	0.13	0.042	0.299	0.388	

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD: AUGUST 2015**

Sl. No.	PARAMETER	RESULT					
		STATION CODE: 3715	STATION CODE: 3716	STATION CODE: 3717	STATION CODE: 3718	STATION CODE: 3719	STATION CODE: 3720
		13	14	15	16	17	18
1	Weather	Clear	Clear	Clear	Clear	Cloudy	Cloudy
2	Depth of water body (m)	0.5	0.4	0.4	0.3	0.5	1
3	Colour	Pale yellow	Pale yellow	Pale yellow	Colourless	Pale yellow	Pale yellow
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	0.5	0.3	0.3	0.5	1.1	1.5
6	Water Temp. (°C)	25	25	25	21	23	22
7	D.O(mg/L)	6.4	6.4	6.6	6.4	8.4	8.7
8	Major polluting sources	Agriculture	Agriculture	Agriculture	Domestic	Domestic	
9	Use of water at or in down stream of monitoring stations					Fish pond	Fish pond

**CORE PARAMETERS**

10	pH	6.5	6.5	6.6	6.2	7.6	7.5
11	Conductivity(us/cm)	92	93	91	635	87	93
12	BOD (mg/L)	1.4	1.7	1.7	1.7	1.8	2.1
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.091	0.102	0.081		0.01	0.036
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)	53.4	41.5	59.4	89.1	49.5	45.5
18	Chloride (mg/L)	7.9	8.9	10.9	41.7	9.9	8.9
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	0.923	1.015	1.121		0.144	0.262
20	Total hardness (mg/L)	50	54	52	114	50	50
21	Calcium (mg/L)	12	12.8	12	34.4	8.8	11.2
22	Magnesium (mg/L)	4.8	5.2	5.2	6.7	6.7	5.2
23	Sodium (mg/L)	34	30	30	71	15	15.5
24	TDS (mg/L)	160	110	180	120	120	130
25	TSS (mg/L)	70	50	80	50	50	60
26	Phosphate (mg/L)	0.274	0.271	0.272		0.003	0.027

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD: AUGUST 2015**

Sl. No.	PARAMETER	RESULT					
		STATION CODE: 3721	STATION CODE: 3722	STATION CODE: 3723	STATION CODE: 3724	STATION CODE: 3725	STATION CODE: 3726
		19	20	21	22	23	24
1	Weather	Clear	Clear	Cloudy	Clear	Clear	Clear
2	Depth of water body (m)	0.3	10	1	0.5	1.5	0.8
3	Colour	Colourless	Colourless	Pale yellow	Pale yellow	Colourless	Colourless
4	Odour	tobacco	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	2	N/A	N/A	0.4	N/A	N/A
6	Water Temp. (°C)	22	23	22	24	19	19
7	D.O(mg/L)	4.9	4.2	7.3	7.5	6.6	6.6
8	Major polluting sources	Domestic	Domestic		Agriculture	Domestic	Domestic
9	Use of water at or in down stream of monitoring stations		Fish pond	Fish pond		Domestic	Domestic

**CORE PARAMETERS**

10	pH	7	6.8	7.5	7.6	6.9	6.1
11	Conductivity(us/cm)	519	395	81	153	499	348
12	BOD (mg/L)	1.8	0.9	1.7	0.9	1.7	1.7
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)			0.021	0.113		
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)	79.2	31.6	43.5	39.6	29.7	19.8
18	Chloride (mg/L)	37.9	26.5	8.9	10.9	28	24.2
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)			0.505	1.581		
20	Total hardness (mg/L)	100	60	48	46	80	60
21	Calcium (mg/L)	26.4	14.4	11.2	10.4	20	13.6
22	Magnesium (mg/L)	8.1	5.7	4.8	4.8	7.2	6.2
23	Sodium (mg/L)	89	45.5	14	52.5	53.5	81
24	TDS (mg/L)	110	120	140	110	100	90
25	TSS (mg/L)	50	50	70	50	50	30
26	Phosphate (mg/L)			0.605	0.419		

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD: AUGUST 2015**

Sl. No.	PARAMETER	RESULT					
		STATION CODE: 3727	STATION CODE: 3728	STATION CODE: 3729	STATION CODE: 3730	STATION CODE: 3731	STATION CODE: 3732
		25	26	27	28	29	30
1	Weather	Clear	Rain	Clear	Clear	Clear	Clear
2	Depth of water body (m)	1	0.6	N/A	N/A	N/A	N/A
3	Colour	Colourless	Colourless	Colourless	Colourless	Colourless	Colourless
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	N/A	N/A	N/A	N/A	N/A	N/A
6	Water Temp. (°C)	18	18	20	19	20	20
7	D.O(mg/L)	3.9	5.6	2.8	1.4	1.7	2.8
8	Major polluting sources	Domestic	Domestic	Domestic	Domestic	Domestic	Domestic
9	Use of water at or in down stream of monitoring stations	Domestic	Domestic	Washing	Washing	Washing	Washing

**CORE PARAMETERS**

10	pH	6.2	6	5.6	4.7	5.5	6.2
11	Conductivity(us/cm)	448	176	432	675	1070	550
12	BOD (mg/L)	0.9	1.1	0.5	0.4	0.9	0.9
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)		0.006	0.02	0.01	0.302	0.007
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)	19.8	19.8	118.8	29.7	138.6	108.9
18	Chloride (mg/L)	31.8	9.1	26.8	66.5	84.3	27.7
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)		0.072	0.399	0.855	1.357	0.771
20	Total hardness (mg/L)	80	32	134	136	200	130
21	Calcium (mg/L)	21.6	7.2	40	40.8	58.4	36
22	Magnesium (mg/L)	6.2	3.3	8.1	8.1	12.9	9.6
23	Sodium (mg/L)	52.5	22	19.5	75	83.5	20
24	TDS (mg/L)	80	90	100	120	90	110
25	TSS (mg/L)	30	30	40	50	40	50
26	Phosphate (mg/L)		0.017	0.045	0.041	0.374	0.055

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD: AUGUST 2015**

Sl. No.	PARAMETER	RESULT					
		STATION CODE: 3733	STATION CODE: 3734	STATION CODE: 3735	STATION CODE: 3736	STATION CODE: 3737	STATION CODE: 3738
		31	32	33	34	35	36
1	Weather	Rain	Clear	Clear	Clear	Cloudy	Cloudy
2	Depth of water body (m)	N/A	0.5	2.5	3.5	N/A	N/A
3	Colour	Colourless	Pale yellow	muddy	Colourless	Colourless	Colourless
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	N/A	0.5	0.5	N/A	N/A	N/A
6	Water Temp. (°C)	19	22	24	23	16	17
7	D.O(mg/L)	3.5	7.9	8.1	9.3	7.3	7.2
8	Major polluting sources	Domestic	Domestic	Domestic	Domestic	Domestic	Domestic
9	Use of water at or in down stream of monitoring stations	Washing	Washing, bathing	Washing, plantation	public water supply	public water supply	Washing

**CORE PARAMETERS**

10	pH	5.5	6.4	7.2	7.4	6.7	7
11	Conductivity(us/cm)	303	104	104	140	69	86
12	BOD (mg/L)	0.9	0.8	2.1	1.9	1.5	1.5
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.058					
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)	53.4	33.6	29.7	29.7	19.8	19.8
18	Chloride (mg/L)	17.4	9.8	6.8	11.3	8.3	9.1
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	0.171					
20	Total hardness (mg/L)	80	40	44	24	50	42
21	Calcium (mg/L)	20	9.6	9.6	5.6	11.2	8.8
22	Magnesium (mg/L)	7.2	3.8	4.8	2.4	5.2	4.8
23	Sodium (mg/L)	25.5	11.5	12	23	7.5	7
24	TDS (mg/L)	100	120	120	130	90	100
25	TSS (mg/L)	40	60	50	60	30	40
26	Phosphate (mg/L)	0.027					

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD: AUGUST 2015**

Sl. No.	PARAMETER	RESULT					
		STATION CODE: 3739	STATION CODE: 3740	STATION CODE: 3741	STATION CODE: 3742	STATION CODE: 3743	STATION CODE: 3744
		37	38	39	40	41	42
1	Weather	Clear	Clear	Clear	Clear	Clear	Cloudy
2	Depth of water body (m)	N/A	N/A	N/A	N/A	5	3.8
3	Colour	Pale yellow	Colourless	Colourless	Colourless	Colourless	Yelow
4	Odour	Metalic smell	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	N/A	N/A	N/A	N/A	N/A	2.2
6	Water Temp. (°C)	18	21	23	21	22	25
7	D.O(mg/L)	0.6	8.1	7.1	2	7.2	7.8
8	Major polluting sources	Domestic	Domestic	Domestic	Domestic	Domestic	Domestic
9	Use of water at or in down stream of monitoring stations	Domestic	Public water supply	Domestic	Domestic	Public water supply	Public water supply

**CORE PARAMETERS**

10	pH	6.8	6.8	7	6.9	7.9	7.2
11	Conductivity(us/cm)	219	18	364	288	41	135
12	BOD (mg/L)	0.2	1.7	1.7	0.8	1.4	1.8
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)						0.013
14	Faecal Coliform	NA	NA	NA	NA	0.011	NA
15	Total Coliform	NA	NA	NA	NA	NA	NA

**GENERAL PARAMETERS**

16	Turbidity (NTU)						
17	Alkalinity (mg/L)	73.2	13.8	29.7	83.1	23.7	45.5
18	Chloride (mg/L)	9.8	7.6	31.8	6.8	3.7	4.5
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)					0.258	0.243
20	Total hardness (mg/L)	124	26	90	110	10	46
21	Calcium (mg/L)	36	6.4	24.8	29.6	2.4	10.4
22	Magnesium (mg/L)	8.1	2.4	6.7	8.6	0.9	4.8
23	Sodium (mg/L)	11.5	5	17.5	12	26	4
24	TDS (mg/L)	130	110	90	80	80	160
25	TSS (mg/L)	60	50	40	30	30	60
26	Phosphate (mg/L)					0.045	0.618

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD: AUGUST 2015**

Sl. No.	PARAMETER	RESULT					
		STATION CODE: 3745	STATION CODE: 3746	STATION CODE: 3747	STATION CODE: 3748	STATION CODE: 3749	STATION CODE: 3750
		43	44	45	46	47	48
1	Weather	Clear	Rain	Rain	Cloudy		
2	Depth of water body (m)	0.3	1.6	0.4	0.4		
3	Colour	Colourless	muddy	Colourless	Colourless		
4	Odour	Odourless	Odourless	Odourless	Odourless		
5	Velocity of Flow(m/sec)	N/A	0.5	0.3	N/A		
6	Water Temp. (°C)	19	21	20	19		
7	D.O(mg/L)	5.9	6.8	7.8	6.3		
8	Major polluting sources	Domestic	Domestic	Domestic	Domestic	Agriculture	Agriculture
9	Use of water at or in down stream of monitoring stations	Domestic	Public water supply	Washing	Domestic	Public water supply	Washing

**CORE PARAMETERS**

10	pH	7.8	7.3	8.3	6.3		
11	Conductivity(us/cm)	222	58	90	87		
12	BOD (mg/L)	0.9					
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.389	0.014	0.026	0.014		
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)	19.8	21.7	29.7	27.7		
18	Chloride (mg/L)	18.9	6.9	9.9	5.9		
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	5.062	0.471	0.224	0.251		
20	Total hardness (mg/L)	50	24	26	30		
21	Calcium (mg/L)	10.4	5.6	6.4	7.2		
22	Magnesium (mg/L)	5.7	2.4	2.4	2.8		
23	Sodium (mg/L)	66	19.5	15.5	18		
24	TDS (mg/L)	90	120	110	90		
25	TSS (mg/L)	40	50	50	40		
26	Phosphate (mg/L)	1.324	0.093	0.073	0.852		



**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD: AUGUST 2015**

Sl. No.	PARAMETER	RESULT					
		STATION CODE: 3751	STATION CODE: 3752	STATION CODE: 3753	STATION CODE: 3754	STATION CODE: 3755	STATION CODE: 3756
		49	50	51	52	53	54
1	Weather		Hot		Clear	Clear	Cloudy
2	Depth of water body (m)		1.5		N/A	2	0.6
3	Colour		Colourless		Brown	Pale green	Turbid
4	Odour		Odourless		Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)		3.8		N/A	N/A	1.1
6	Water Temp. (°C)		24		27	33	19
7	D.O(mg/L)		7.2	7.6	5.2		4.8
8	Major polluting sources	Agriculture	Agriculture	Domestic	Agriculture	Domestic	
9	Use of water at or in down stream of monitoring stations	Domestic	Public water supply	Washing	Domestic	Fish pond	

**CORE PARAMETERS**

10	pH		7.4	6.4	7.1	9.7	8
11	Conductivity(us/cm)		140	110	121	145	553
12	BOD (mg/L)				1.1		3.6
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)						0.032
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)		43.5	19.8	55.4	69.3	138.6
18	Chloride (mg/L)		5.3	7.5	6.8	9.8	17.4
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)						0.627
20	Total hardness (mg/L)		48	46	54	64	28
21	Calcium (mg/L)		10.4	8.8	12	16	6.4
22	Magnesium (mg/L)		5.2	5.7	5.7	5.7	2.8
23	Sodium (mg/L)		23	22	30	59	97
24	TDS (mg/L)		110	100	140	110	130
25	TSS (mg/L)		50	40	60	50	60
26	Phosphate (mg/L)						0.109

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD: AUGUST 2015**

Sl. No.	PARAMETER	RESULT	
		STATION CODE: 3757	STATION CODE: 3758
		55	56
1	Weather	Cloudy	Cloudy
2	Depth of water body (m)	0.3	N/A
3	Colour	turbid	Brown
4	Odour	odourless	Odourless
5	Velocity of Flow(m/sec)	1.5	N/A
6	Water Temp. (°C)	22	23
7	D.O(mg/L)	6	0.4
8	Major polluting sources		
9	Use of water at or in down stream of monitoring stations		

**CORE PARAMETERS**

10	pH	7.6	7
11	Conductivity(us/cm)	105	403
12	BOD (mg/L)	4.4	0.1
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.221	0.028
14	Faecal Coliform	NA	NA
15	Total Coliform	NA	NA

**GENERAL PARAMETERS**

16	Turbidity (NTU)		
17	Alkalinity (mg/L)	23.7	128.7
18	Chloride (mg/L)	9.8	8.3
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	3.534	0.445
20	Total hardness (mg/L)	24	104
21	Calcium (mg/L)	5.6	36
22	Magnesium (mg/L)	2.4	8.1
23	Sodium (mg/L)	83.5	66
24	TDS (mg/L)	170	110
25	TSS (mg/L)	70	50
26	Phosphate (mg/L)	0.721	0.11