

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
MONITORING PERIOD: JUNE 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	Cloudy	Cloudy	Clear	
2	Depth of water body (m)	1.5	3	0.6	0.5	1.1	
3	Colour	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow	Colourless	
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	
5	Velocity of Flow(m/sec)	2.5	2.5	0.3	0.4	N/A	
6	Water Temp. (°C)	25	24	21	21	19	
7	D.O(mg/L)	7.1	6.8	5.8	4.9	5.6	
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	7.8	8.1	8.3	8.2	7.2	
11	Conductivity(us/cm)	116	170	107	145	705	
12	BOD (mg/L)	0.7	1.1	1.1	0.8	0.8	
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.108	0.09	0.087	0.09	0.109	
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)	28.9	34	42.5	45.9	25.5	
18	Chloride (mg/L)	6.8	7.5	7.5	7.5	60	
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	0.129	0.41	0.593	0.646	0.448	
20	Total hardness (mg/L)	46	50	34	40	110	
21	Calcium (mg/L)	11.2	9.6	9.6	9.6	32	
22	Magnesium (mg/L)	4.3	6.2	2.4	3.8	7.2	
23	Sodium (mg/L)	24	22.5	29	33.5	88.5	
24	TDS (mg/L)	130	150	110	130	90	
25	TSS (mg/L)	60	70	40	60	40	
26	Phosphate (mg/L)	0.085	0.059	0.141	0.144	0.096	

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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		Rainy	Cloudy
2	Depth of water body (m)	0.5	1	N/A		0.6	0.5
3	Colour	Pale Yellow	Pale Yellow	Colourless		Colourless	Colourless
4	Odour	Odourless	Odourless	Odourless		Odourless	Odourless
5	Velocity of Flow(m/sec)	0.4	1.5	8		1.2	N/A
6	Water Temp. (°C)	27	24	22		21	23
7	D.O(mg/L)	6.4	4.2	6.8		3.5	
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	8	8.3	8.1		7.8	7.6
11	Conductivity(us/cm)	165	170	38		559	55
12	BOD (mg/L)	1.2	0.5	1.2		0.4	
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.066	0.05	0.087		0.092	0.105
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)	42.5	39.1	17		20.4	13.6
18	Chloride (mg/L)	7.5	12.8	4.5		17.4	7.5
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	0.38	0.426	0.551		0.452	0.319
20	Total hardness (mg/L)	40	64	56		64	46
21	Calcium (mg/L)	9.6	16	12		16.8	9.6
22	Magnesium (mg/L)	3.8	5.7	6.2		5.2	5.2
23	Sodium (mg/L)	30.5	35	30.5		30	13
24	TDS (mg/L)	160	100	100		110	120
25	TSS (mg/L)	70	50	50		40	60
26	Phosphate (mg/L)	0.124	0.079	0.085		0.148	0.11

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
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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	Rain	Rain	Rain	Clear	Cloudy	Clear
2	Depth of water body (m)	1	0.4	1.2	0.4	1	1
3	Colour	Pale Yellow	Pale Yellow	Pale Yellow	Colourless	Colourless	Colourless
4	Odour	Odourless	Odourless	Odourless	tobacco smell	Odourless	Odourless
5	Velocity of Flow(m/sec)	0.2	0.5	0.3	1.5	0.3	0.4
6	Water Temp. (°C)	21	21	21	25	26	26
7	D.O(mg/L)	6.6	6.4	6.1	3.5	6.9	6.4
8	Major polluting sources	Agriculture	Agriculture	Agriculture	Domestic	Agriculture	Agriculture
9	Use of water at or in down stream of monitoring stations					Washing	Washing

**CORE PARAMETERS**

10	pH	8.2	8.2	8.3	6.7	7.3	7.3
11	Conductivity(us/cm)	195	207	183	771	153	152
12	BOD (mg/L)	0.9	1.2	0.9	0.7	1.2	0.9
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.109	0.107	0.343	0.116	0.135	0.093
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)	47.6	51	44.2	130.9	54.4	47.6
18	Chloride (mg/L)	6.8	9.1	6	49.3	5.3	7.5
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	0.471	0.494	0.418	0.494	0.467	0.304
20	Total hardness (mg/L)	50	52	50	166	42	46
21	Calcium (mg/L)	10.4	12	12	52	9.6	8.8
22	Magnesium (mg/L)	5.7	5.2	4.8	8.6	4.3	5.7
23	Sodium (mg/L)	44.5	45	46	86	26	31.5
24	TDS (mg/L)	150	90	160	110	120	130
25	TSS (mg/L)	60	30	70	50	40	70
26	Phosphate (mg/L)	0.134	0.116	0.123	0.048	0.141	0.087

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
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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	Clear	Clear		Clear
2	Depth of water body (m)	0.3	N/A	1	0.6		0.6
3	Colour	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow		Colourless
4	Odour	Odourless	Odourless	Odourless	Odourless		Odourless
5	Velocity of Flow(m/sec)	0.4	N/A	N/A	0.4		N/A
6	Water Temp. (°C)	21	21	26	26		18
7	D.O(mg/L)	6.4	6.1	6.4	6.6		4.2
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	7.8	8.1	7.5	7.9		7.4
11	Conductivity(us/cm)	174	139	125	144		830
12	BOD (mg/L)	1.7	1.4	0.8	0.8		0.8
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.037	0.048	0.069	0.077		0.133
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)	59.5	37.4	42.5	56.1		22.1
18	Chloride (mg/L)	12.8	11.3	6	7.5		9.1
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	0.27	0.251	0.281	0.342		0.711
20	Total hardness (mg/L)	106	70	44	46		120
21	Calcium (mg/L)	32.8	18.4	9.6	12.8		36
22	Magnesium (mg/L)	5.7	5.7	4.8	3.3		7.2
23	Sodium (mg/L)	35	30.5	20	34.5		90
24	TDS (mg/L)	110	160	120	120		90
25	TSS (mg/L)	40	70	50	60		30
26	Phosphate (mg/L)	0.079	0.052	0.054	0.104		0.039

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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	Clear	Clear	Rain	Clear	Clear
2	Depth of water body (m)	N/A	1	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)	21	23	18	15	20	18
7	D.O(mg/L)	6.6	4.9	3.7	2.8	2.4	1.7
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	8.2	8.2	7.7	6.3	7.4	7.2
11	Conductivity(us/cm)	154	303	536	227	890	709
12	BOD (mg/L)	0.8	0.5	0.7	0.9	0.5	0.4
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.066	0.096	0.039	0.105	0.117	0.125
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)	25.5	22.1	103.7	11.9	85	68
18	Chloride (mg/L)	9.1	12.8	26.5	24.2	37.9	72.8
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	0.224	0.391	0.422	0.532	0.467	0.585
20	Total hardness (mg/L)	136	42	140	50	170	152
21	Calcium (mg/L)	34.4	12	32	12.8	40	43.2
22	Magnesium (mg/L)	12	2.8	14.4	4.3	16.8	10.5
23	Sodium (mg/L)	27	97	22.5	14.5	75	22
24	TDS (mg/L)	70	110	110	110	100	90
25	TSS (mg/L)	30	50	50	60	40	40
26	Phosphate (mg/L)	0.039	0.155	0.138	0.107	0.144	0.072

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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	Clear	Clear	Clear	Rainy	Clear	Clear
2	Depth of water body (m)	N/A	0.4	2	N/A	0.1	N/A
3	Colour	Colourless	Pale Yellow	Colourless	Colourless	Colourless	Colourless
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	N/A	0.5	0.3	N/A	N/A	N/A
6	Water Temp. (°C)	20	24	26	22	18	19
7	D.O(mg/L)	2.8	6.2	7.3	7.8	7	6.4
8	Major polluting sources	Domestic	Agriculture	Agriculture	Agriculture	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	7.2	7.3	8	7.5	6.7	7
11	Conductivity(us/cm)	228	105	60	177	64	111
12	BOD (mg/L)	0.7	1.2	1.1	1.2	0.9	0.9
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.097	0.073	0.05	0.091	0.04	0.054
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)	56.1	34	28.9	51	25.5	25.5
18	Chloride (mg/L)	18.9	7.5	7.5	9.8	6.8	9.8
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	0.35	0.232	0.426	0.467	0.076	0.114
20	Total hardness (mg/L)	64	50	42	40	50	44
21	Calcium (mg/L)	18.4	12.8	10.4	9.6	12	12
22	Magnesium (mg/L)	4.3	4.3	3.8	3.8	4.8	3.3
23	Sodium (mg/L)	22	12.5	24.5	41	14	19.5
24	TDS (mg/L)	90	120	140	130	80	100
25	TSS (mg/L)	40	50	60	60	30	40
26	Phosphate (mg/L)	0.056	0.047	0.071	0.133	0.025	0.038

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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	Rainy	Rainy	Clear	Clear	Clear	Clear
2	Depth of water body (m)	N/A	N/A	0.3	N/A	5	2.3
3	Colour	Colourless	Colourless	Colourless	Colourless	Colourless	Colourless
4	Odour	Metallic smell	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	N/A	N/A	N/A	N/A	N/A	1.1
6	Water Temp. (°C)	18	20	23	23	25	32
7	D.O(mg/L)	1.7	4.2	8.5	2.8	6.4	6.6
8	Major polluting sources	Domestic	Domestic	Domestic	Domestic	Domestic	Agriculture
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	7.2	7.2	7.3	6.7	7.8	7.6
11	Conductivity(us/cm)	491	64	384	418	59	223
12	BOD (mg/L)	0.4	0.8	1.4	0.7	0.9	1.7
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.135	0.1	0.118	0.124	0.062	0.07
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)	161.5	13.6	42.5	141.1	25.5	68
18	Chloride (mg/L)	9.8	5.3	31.8	9.1	3.7	7.5
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	0.566	0.433	0.357	0.448	0.198	0.125
20	Total hardness (mg/L)	126	20	90	110	20	60
21	Calcium (mg/L)	38.4	4	25.6	32.8	5.6	15.2
22	Magnesium (mg/L)	7.2	2.4	6.2	6.7	1.4	5.2
23	Sodium (mg/L)	47.5	36	27.5	43	16.5	28
24	TDS (mg/L)	90	120	90	110	80	150
25	TSS (mg/L)	40	50	40	50	40	60
26	Phosphate (mg/L)	0.124	0.038	0.154	0.075	0.041	0.079

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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	Cloudy	Cloudy	Clear	Clear
2	Depth of water body (m)	N/A	1.3	0.3	0.4	2	2
3	Colour	Colourless	Colourless	Colourless	Colourless	Pale Green	Pale Green
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	N/A	0.3	0.1	N/A	4	4
6	Water Temp. (°C)	21	22	22	23	28	29
7	D.O(mg/L)	7.3	6.8	8.6	9.1		
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	8	8.6	6.5	7.5	7.5	7.2
11	Conductivity(us/cm)	365	130	264	125	313	231
12	BOD (mg/L)	1.4	1.7	1.5	1.9		
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.054	0.086	0.114	0.047	0.1	0.086
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)	47.6	1.7	85	44.2	161.4	54.4
18	Chloride (mg/L)	26.5	6	7.5	6.8	17.4	6
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	0.179	0.585	0.342	0.334	0.456	0.441
20	Total hardness (mg/L)	84	36	80	40	130	6
21	Calcium (mg/L)	24.8	10.4	21.6	9.6	37.6	9.6
22	Magnesium (mg/L)	5.2	2.4	6.2	3.8	8.6	5.2
23	Sodium (mg/L)	28	17	15	11.5	29.5	36
24	TDS (mg/L)	90	140	120	100	110	120
25	TSS (mg/L)	30	60	50	40	40	60
26	Phosphate (mg/L)	0.055	0.035	0.061	0.017	0.065	0.113

**WATER QUALITY DATA UNDER NWMP, MIZORAM  
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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	Clear	Clear	Hot	Clear	Clear	Clear
2	Depth of water body (m)	2	1.2	0.32	1	1	0.3
3	Colour	Pale Green	Colourless	Colourless	Brown	Pale red	Turbid
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	2	0.5	N/A	0.6	N/A	0.61
6	Water Temp. (°C)	29	24	22	28	30	23
7	D.O(mg/L)		6.2	7.7	4.5	7.2	9.2
8	Major polluting sources	Agriculture	Agriculture	Domestic	Agriculture	Domestic	Domestic
9	Use of water at or in down stream of monitoring stations	Domestic	Public water supply	Washing	Domestic	Fish pond	Washing

**CORE PARAMETERS**

10	pH	7.3	6.8	6.5	7.3	8.4	7.6
11	Conductivity(us/cm)	224	151	88	218	232	194
12	BOD (mg/L)		1.7	1.5	1.2	1.7	1.5
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.055	0.016	0.011	0.024	0.037	0.124
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)	59.5	59.5	25.5	68	54.4	71.4
18	Chloride (mg/L)	7.5	7.5	7.5	3.7	11.3	7.5
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	0.285	0.046	0.076	0.125	0.156	0.251
20	Total hardness (mg/L)	50	50	30	64	64	62
21	Calcium (mg/L)	10.4	13.6	7.2	16	16.8	12.8
22	Magnesium (mg/L)	5.7	3.8	2.8	5.7	5.2	7.2
23	Sodium (mg/L)	32	28.5	20.5	30.5	47.5	25
24	TDS (mg/L)	130	110	80	160	130	130
25	TSS (mg/L)	50	50	30	70	50	60
26	Phosphate (mg/L)	0.059	0.072	0.013	0.014	0.034	0.216

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Sl. No.	PARAMETER	RESULT	
		STATION CODE: 3757	STATION CODE: 3758
		55	56
1	Weather	Cloudy	Clear
2	Depth of water body (m)	N/A	N/A
3	Colour	Colourless	Brownish
4	Odour	Odourless	Metallic
5	Velocity of Flow(m/sec)	1.21	N/A
6	Water Temp. (°C)	23.5	24
7	D.O(mg/L)	7.7	3.5
8	Major polluting sources		
9	Use of water at or in down stream of monitoring stations		

**CORE PARAMETERS**

10	pH	7.3	7.2
11	Conductivity(us/cm)	130	386
12	BOD (mg/L)	1.4	0.5
13	Nitrogen- Nitrite (N-NO <sub>2</sub> ) (mg/L)	0.137	0.112
14	Faecal Coliform	NA	NA
15	Total Coliform	NA	NA

**GENERAL PARAMETERS**

16	Turbidity (NTU)		
17	Alkalinity (mg/L)	11.9	144.5
18	Chloride (mg/L)	5.3	9.1
19	Nitrogen Ammonia (N-NH <sub>3</sub> ) (mg/L)	0.266	0.19
20	Total hardness (mg/L)	40	124
21	Calcium (mg/L)	10.4	36
22	Magnesium (mg/L)	3.3	8.1
23	Sodium (mg/L)	35	27
24	TDS (mg/L)	140	80
25	TSS (mg/L)	60	30
26	Phosphate (mg/L)	0.049	0.059