

MIZORAM POLLUTION CONTROL BOARD

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD: JUNE 2016**

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)	1	1.2	1	1.4	1	1
3	Colour	Pale yellow	Pale yellow	Pale yellow	Pale yellow	Colourless	Pale yellow
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	2	1.5	1.3	0.8	N/A	N/A
6	Water Temp. (°C)	20	21	19	19	19	15
7	D.O(mg/L)	5.7	6.9	5.9	5	6.7	6.4
8	Major polluting sources		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	7.6	7.4	7.6	7.7	5.8	6.9
11	Conductivity(us/cm)	133	133	111	116	131	122
12	BOD (mg/L)	1.4	1.5	1.3	1.1	1.8	1.4
13	Nitrogen- Nitrite (N-NO ₂) (mg/L)	0.081	0.098	0.033	0.026	0.204	0.044
14	Faecal Coliform (MPN)	23	93	43	23		
15	Total Coliform (MPN)	2400	1100	2400	2400		

GENERAL PARAMETERS

16	Turbidity (NTU)	6.9	6	2.7	1.8	0.2	0.6
17	Alkalinity (mg/L)	25.6	29.5	33.4	39.4	33.4	29.5
18	Chloride (mg/L)	8.9	7.9	7.9	9.9	39.7	82.3
19	Nitrogen Ammonia (N-NH ₃) (mg/L)	0.543	0.426	0.251	0.198	0.897	0.319
20	Total hardness (mg/L)	30	26	70	64	62	70
21	Calcium (mg/L)	7.2	6.4	16.8	16	14.4	16.8
22	Magnesium (mg/L)	2.8	2.4	6.7	5.7	6.2	6.7
23	Sodium (mg/L)	9	9	7	7	6	25
24	TDS (mg/L)	110	110	110	120	80	100
25	TSS (mg/L)	50	50	50	50	30	40
26	Phosphate (mg/L)	0.214	0.209	0.048	0.094	0.049	0.102

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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	Clear	Clear	Clear
2	Depth of water body (m)	1.8	1	0.5	0.6	0.4	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)	0.9	3	0.7	0.8	1.5	N/A
6	Water Temp. (°C)	19	19	19	20	21	18
7	D.O(mg/L)	6.6	7.1	6.9	7.3	6.1	7.1
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	Use as public water supply			

CORE PARAMETERS

10	pH	7.4	7.7	7.5	6.9	6.5	6.9
11	Conductivity(us/cm)	124	133	110	124	135	112
12	BOD (mg/L)	1.5	1.5	1.6	1.7	1.3	0.9
13	Nitrogen- Nitrite (N-NO ₂) (mg/L)	0.21	0.054	0.078	0.067	0.053	0.078
14	Faecal Coliform (MPN)	43					
15	Total Coliform (MPN)	1100					

GENERAL PARAMETERS

16	Turbidity (NTU)	7.6	5.4	0.6	1.5	0.5	0.3
17	Alkalinity (mg/L)	21.6	29.5	15.7	27.5	161.5	33.4
18	Chloride (mg/L)	7.9	9.9	9.9	6.9	72.4	10.7
19	Nitrogen Ammonia (N-NH ₃) (mg/L)	1.611	0.274	0.179	0.224	0.209	0.265
20	Total hardness (mg/L)	60	36	12	20	140	56
21	Calcium (mg/L)	14.4	8	3.2	5.6	42.4	10.4
22	Magnesium (mg/L)	5.7	3.8	0.9	1.4	8.1	4.6
23	Sodium (mg/L)	16.5	10	35	55	25.5	20.5
24	TDS (mg/L)	110	90	100	90	90	90
25	TSS (mg/L)	40	30	40	40	40	50
26	Phosphate (mg/L)	0.674	0.075	0.092	0.103	0.104	0.96

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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	Clear	Clear	Clear	Clear	Clear	Clear
2	Depth of water body (m)	1.6	0.7	1.4	0.3	0.5	0.2
3	Colour	Pale yellow	Colourless	Pale yellow	Colourless	Pale yellow	Pale yellow
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	0.5	1.1	0.8	0.4	1.2	1.1
6	Water Temp. (°C)	20	20	20	21	20	20
7	D.O(mg/L)	6.4	5.2	4.6	6.1	9	8.6
8	Major polluting sources	Agriculture	Agriculture	Agriculture	Domestic	Agriculture	Agriculture
9	Use of water at or in down stream of monitoring stations						

CORE PARAMETERS

10	pH	7.8	7.7	7.6	7.2	7.8	7.8
11	Conductivity(us/cm)	111	111	120	135	121	120
12	BOD (mg/L)	1.5	1.2	1.1	1.3	1.6	1.6
13	Nitrogen- Nitrite (N-NO ₂) (mg/L)	0.052	0.048	0.056	0.042	0.055	0.048
14	Faecal Coliform (MPN)						
15	Total Coliform (MPN)						

GENERAL PARAMETERS

16	Turbidity (NTU)	1.2	0.5	1.5	0.3	5.4	0.8
17	Alkalinity (mg/L)	32.7	45.3	27.5	167.4	53.1	41.3
18	Chloride (mg/L)	8.9	9.9	7.9	92.3	8.9	17.8
19	Nitrogen Ammonia (N-NH ₃) (mg/L)	0.156	0.308	0.35	0.262	0.198	0.125
20	Total hardness (mg/L)	74	80	70	146	60	54
21	Calcium (mg/L)	17.6	19.2	16.8	41.6	13.6	12.8
22	Magnesium (mg/L)	7.2	7.6	6.7	10	6.2	5.2
23	Sodium (mg/L)	6	4.5	5	18	10	8
24	TDS (mg/L)	120	90	130	110	100	100
25	TSS (mg/L)	60	30	60	40	30	40
26	Phosphate (mg/L)	0.11	0.111	0.089	0.062	0.233	0.059

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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	Clear
2	Depth of water body (m)	0.2	7	1.05	0.7	0.8	0.5
3	Colour	Colourless	Colourless	Pale yellow	Pale yellow	Colourless	Colourless
4	Odour	Smelly	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	0.5	N/A	0.01	1.3	N/A	N/A
6	Water Temp. (°C)	23	24	20	19	20	19
7	D.O(mg/L)	5	4.7	9.4	4.1	6.5	5
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	7.1	6.6	8.1	7.4	6.8	5.7
11	Conductivity(us/cm)	26	25	117	118	25	130
12	BOD (mg/L)	1.2	0.3	1.9	1.2	1.6	1.1
13	Nitrogen- Nitrite (N-NO ₂) (mg/L)	0.084	0.087	0.042	0.261	0.053	0.041
14	Faecal Coliform (MPN)						
15	Total Coliform (MPN)						

GENERAL PARAMETERS

16	Turbidity (NTU)	1	1.3	2	7.6	0.2	0.2
17	Alkalinity (mg/L)	88.6	49.2	45.3	19.7	25.6	29.5
18	Chloride (mg/L)	82.3	56.5	8.9	7.9	41.6	43.6
19	Nitrogen Ammonia (N-NH ₃) (mg/L)	0.426	0.505	0.213	2.029	0.182	0.296
20	Total hardness (mg/L)	124	66	42	50	86	82
21	Calcium (mg/L)	36	16	10.2	11.2	21.6	20.8
22	Magnesium (mg/L)	8.1	6.2	3.8	5.2	7.6	7.2
23	Sodium (mg/L)	33	17.5	7	12	18.5	50
24	TDS (mg/L)	110	100	90	10	80	90
25	TSS (mg/L)	50	40	40	40	30	40
26	Phosphate (mg/L)	0.133	0.123	0.13	0.678	0.118	0.059

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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	Clear	Clear	Clear
2	Depth of water body (m)	0.6	N/A	N/A	N/A	N/A	N/A
3	Colour	Colourless	Pale yellow	Pale yellow	Pale yellow	Pale yellow	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	21	19	19	19	19
7	D.O(mg/L)	3.4	7.8	1.8	2.3	1.6	2.5
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	5.1	6.9	6.9	6.8	6.4	5.9
11	Conductivity(us/cm)	25	132	134	137	136	135
12	BOD (mg/L)	1.1	1.6	0.6	0.8	0.6	1.5
13	Nitrogen- Nitrite (N-NO ₂) (mg/L)	0.045	0.049	0.045	0.055	0.063	0.066
14	Faecal Coliform (MPN)						
15	Total Coliform (MPN)						

GENERAL PARAMETERS

16	Turbidity (NTU)	0.2	0.5	0.9	3.2	6.7	1
17	Alkalinity (mg/L)	11.8	33.4	124.1	68.9	163.5	124.1
18	Chloride (mg/L)	52.6	9.9	34.2	69.4	94.5	64.5
19	Nitrogen Ammonia (N-NH ₃) (mg/L)	0.6	0.239	0.156	0.213	0.125	0.186
20	Total hardness (mg/L)	104	64	114	104	200	146
21	Calcium (mg/L)	29.6	16	32	29.6	62.4	42.4
22	Magnesium (mg/L)	7.2	5.7	8.1	7.2	10.5	9.6
23	Sodium (mg/L)	20.5	11.5	22	48.5	19	27.5
24	TDS (mg/L)	70	90	90	90	100	80
25	TSS (mg/L)	30	50	30	40	40	30
26	Phosphate (mg/L)	0.102	0.055	0.11	0.123	0.13	0.1

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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	Clear	Clear	Clear
2	Depth of water body (m)	N/A	0.7	3	3.5	N/A	N/A
3	Colour	Pale yellow	Paleyellow	Paleyellow	Pale yellow	Colourless	Colourless
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	N/A	0.5	0.7	1.1	N/A	N/A
6	Water Temp. (°C)	20	24	25	23	22	20
7	D.O(mg/L)	4.1	7.9	7.8	7.9	7.7	7.2
8	Major polluting sources	Domestic	Agriculture	Agriculture	Agriculture	-	Domestic
9	Use of water at or in down stream of monitoring stations	Washing	-	Washing, plantation	public water supply	public water supply	Washing

CORE PARAMETERS

10	pH	6.1	7.1	7.3	6.9	6.5	7.4
11	Conductivity(us/cm)	140	128	128	132	141	128
12	BOD (mg/L)	1.1	1.7	1.5	1.6	1.6	1.6
13	Nitrogen- Nitrite (N-NO ₂) (mg/L)	0.09	0.044	0.05	0.055	0.056	0.059
14	Faecal Coliform (MPN)						
15	Total Coliform (MPN)						

GENERAL PARAMETERS

16	Turbidity (NTU)	1.7	1.4	5.1	1.8	0	0.1
17	Alkalinity (mg/L)	141.8	39.4	35.4	29.5	72.8	25.6
18	Chloride (mg/L)	24.8	6.9	7.9	8.9	56.5	9.9
19	Nitrogen Ammonia (N-NH ₃) (mg/L)	0.274	0.194	0.403	0.122	0.186	0.213
20	Total hardness (mg/L)	126	42	40	40	96	22
21	Calcium (mg/L)	36	11.2	10.4	10.4	25.6	5.6
22	Magnesium (mg/L)	8.6	3.3	3.3	3.3	7.6	1.9
23	Sodium (mg/L)	5.5	5	5	12.5	13	5
24	TDS (mg/L)	80	110	120	110	90	80
25	TSS (mg/L)	30	50	50	50	30	30
26	Phosphate (mg/L)	0.144	0.102	0.259	0.058	0.131	0.107

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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	Clear	Clear	Clear	Clear	Clear	Clear
2	Depth of water body (m)	N/A	0.4	1	N/A	5	3.6
3	Colour	Pale yellow	Colourless	Colourless	Colourless	Colourless	Pale yellow
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	N/A	0.8	N/A	N/A	N/A	2.1
6	Water Temp. (°C)	22	24	21	19	22	18
7	D.O(mg/L)	1.7	4.5	7	2.9	6.6	7.2
8	Major polluting sources	Domestic	Agriculture	Domestic	Domestic	Agriculture	Agriculture
9	Use of water at or in down stream of monitoring stations	Domestic	Public water supply	Domestic	Domestic	Public water supply	Domestic

CORE PARAMETERS

10	pH	6.9	6.8	6.9	6.9	7.4	8.7
11	Conductivity(us/cm)	139	116	136	156	107	121
12	BOD (mg/L)	0.6	1.2	1.5	1.4	1.4	1.4
13	Nitrogen- Nitrite (N-NO ₂) (mg/L)	0.041	0.045	0.049	0.089	0.037	0.046
14	Faecal Coliform (MPN)						
15	Total Coliform (MPN)						

GENERAL PARAMETERS

16	Turbidity (NTU)	0.2	0.1	0.1	0.1	0.1	4.5
17	Alkalinity (mg/L)	198.9	19.7	29.5	104.2	19.7	92.5
18	Chloride (mg/L)	22.8	6.9	29.7	25.1	4.9	8.9
19	Nitrogen Ammonia (N-NH ₃) (mg/L)	0.144	0.338	0.289	0.123	0.346	0.205
20	Total hardness (mg/L)	194	20	64	156	20	84
21	Calcium (mg/L)	60	5.6	16	54	5.6	21.6
22	Magnesium (mg/L)	10.5	1.4	5.7	8.6	1.4	7.2
23	Sodium (mg/L)	40	35	10.5	37	50	15
24	TDS (mg/L)	100	100	90	100	80	120
25	TSS (mg/L)	40	40	30	50	30	50
26	Phosphate (mg/L)	0.124	0.111	0.104	0.156	0.087	0.104

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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	Clear	Clear	Clear	Clear	Clear
2	Depth of water body (m)	0.3	2.1	0.4	0.2	4	0.7
3	Colour	Colourless	Pale yellow	Colourless	Colourless	Pale yellow	Pale yellow
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	N/A	0.5	0.2	N/A	N/A	0.5
6	Water Temp. (°C)	21	15	17	16	24	25
7	D.O(mg/L)	6.1	6	7.1	7.8	6.5	6.7
8	Major polluting sources	Domestic	Agriculture	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	7.2	7.1	7.4	7.3	7.4
11	Conductivity(us/cm)	124	128	129	123	280	290
12	BOD (mg/L)	1.2	1.2	1.1	1.6	0.8	1
13	Nitrogen- Nitrite (N-NO ₂) (mg/L)	0.06	0.062	0.053	0.069	0.04	0.045
14	Faecal Coliform (MPN)						
15	Total Coliform (MPN)						

GENERAL PARAMETERS

16	Turbidity (NTU)	0.1	0.3	0.2	0.1	0.9	4.1
17	Alkalinity (mg/L)	21.6	29.5	21.6	45.3	68.9	49.2
18	Chloride (mg/L)	19.8	7.9	8.9	10.9	9.9	9.9
19	Nitrogen Ammonia (N-NH ₃) (mg/L)	0.372	0.217	0.16	0.144	0.163	0.312
20	Total hardness (mg/L)	24	40	36	54	64	50
21	Calcium (mg/L)	6.4	9.6	8	12	16	11.2
22	Magnesium (mg/L)	1.9	3.8	3.8	5.7	5.7	5.2
23	Sodium (mg/L)	10.5	5	10	10	15	32
24	TDS (mg/L)	90	110	90	80	100	110
25	TSS (mg/L)	40	50	30	30	40	50
26	Phosphate (mg/L)	0.072	0.096	0.102	0.062	0.106	0.164

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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	Clear	Clear	Clear	Clear
2	Depth of water body (m)	0.8	1.2	2.5	2.5	N/A	0.8
3	Colour	Pale yellow	Pale yellow	Colourless	Pale yellow	Pale yellow	Plae yellow
4	Odour	Odourless	Odourless	Odourless	Odourless	Odourless	Odourless
5	Velocity of Flow(m/sec)	0.5	0.4	N/A	0.5	N/A	1.3
6	Water Temp. (°C)	27	24	22	24	30	18
7	D.O(mg/L)	7.1	6.9	6.1	6.6	7.2	5.6
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	Domestic

CORE PARAMETERS

10	pH	7.5	6.8	5.8	8.6	8.3	7.9
11	Conductivity(us/cm)	290	121	117	126	133	130
12	BOD (mg/L)	0.9	1.2	1.2	1.4	2.4	1.8
13	Nitrogen- Nitrite (N-NO ₂) (mg/L)	0.048	0.089	0.091	0.083	0.053	0.048
14	Faecal Coliform (MPN)						
15	Total Coliform (MPN)						

GENERAL PARAMETERS

16	Turbidity (NTU)	0.7	4.1	0.2	2.9	0.7	3.5
17	Alkalinity (mg/L)	53.1	59.1	19.7	33.4	59.1	102.4
18	Chloride (mg/L)	8.9	9.9	12.9	7.9	9.9	12.9
19	Nitrogen Ammonia (N-NH ₃) (mg/L)	0.281	0.346	0.296	0.156	0.258	0.182
20	Total hardness (mg/L)	60	46	18	42	82	90
21	Calcium (mg/L)	13.6	11.2	4.8	9.6	20	22.4
22	Magnesium (mg/L)	6.2	4.3	1.4	4.3	7.6	8.1
23	Sodium (mg/L)	27	20	30	11	31	25
24	TDS (mg/L)	110	100	90	110	130	100
25	TSS (mg/L)	40	40	30	60	50	60
26	Phosphate (mg/L)	0.127	0.161	0.179	0.243	0.117	0.102

MIZORAM POLLUTION CONTROL BOARD

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD: JUNE 2016**

Sl. No.	PARAMETER	RESULT	
		STATION CODE: 3757	STATION CODE: 3758
		55	56
1	Weather	Plae yellow	Clear
2	Depth of water body (m)	0.5	N/A
3	Colour	Colourless	Colourless
4	Odour	Odourless	Odourless
5	Velocity of Flow(m/sec)	0.8	N/A
6	Water Temp. (°C)	16	17
7	D.O(mg/L)	12.4	7.4
8	Major polluting sources	Agriculture	
9	Use of water at or in down stream of monitoring stations	Use as public water supply	Domestic

CORE PARAMETERS

10	pH	6	7.02
11	Conductivity(us/cm)	130	134
12	BOD (mg/L)	1.1	1.7
13	Nitrogen- Nitrite (N-NO ₂) (mg/L)	0.045	0.043
14	Faecal Coliform (MPN)		
15	Total Coliform (MPN)		

GENERAL PARAMETERS

16	Turbidity (NTU)	0.6	0.1
17	Alkalinity (mg/L)	59.1	147.7
18	Chloride (mg/L)	8.9	10.9
19	Nitrogen Ammonia (N-NH ₃) (mg/L)	0.239	0.293
20	Total hardness (mg/L)	54	130
21	Calcium (mg/L)	12	37.6
22	Magnesium (mg/L)	5.7	8.6
23	Sodium (mg/L)	10	35
24	TDS (mg/L)	120	80
25	TSS (mg/L)	50	30
26	Phosphate (mg/L)	0.13	0.147

**LIST OF OLD AND NEW NWMP STATIONS
WITH CO-ORDINATES FOR MIZORAM**

MIZORAM POLLUTION CONTROL BOARD

Total No: 56

Old Stations (6 No's):

Sl. No	Proposed station	District	Type of water body	Station Code	Co-ordinates		
					Longitude	Latitude	Elevation
1.	Tlawng Upper Stream	Aizawl District	Surface water	2050	92 ⁰ 39'49.9 5"E	23 ⁰ 42'43.3" N	176m
2.	Tlawng Lower Stream	-do-	-do-	2051	92 ⁰ 39'54.7 5"E	23 ⁰ 42'39.95 "N	173m
3.	Tuirial Upper Stream	-do-	-do-	2052	92 ⁰ 47'58.2 5"E	23 ⁰ 43'8.99" N	187m
4.	Tuirial Lower Stream	-do-	-do-	2053	92 ⁰ 47'57.9 2"E	23 ⁰ 43'5.22" N	185m
5.	Ramhlun 'North' Tuikhur	-do-	Surface water/ Spring source	2054	92 ⁰ 43'34.7 5"E	23 ⁰ 44'54.61 "N	1120m
6.	Mission Vengthlang 'North' Tuikhur	-do-	Surface water/ Spring source	2055	92 ⁰ 43'53.9 7"E	23 ⁰ 43'0.65" N	1103m

New Stations(50 No's):

Sl. No	Proposed station	District	Type of water body	Station Code	Co-ordinates		
					Longitude	Latitude	Elevation
1.	Tlawng River, Sairang	Aizawl District	Surface water	3709	92 ⁰ 39'10" E	23 ⁰ 48'49"N	80m
2.	Serlui Stream, Reiek kai, near P.H.E Water Treatment Plant	-do-	-do-	3710	92 ⁰ 39'58" E	23 ⁰ 42'44"N	100m
3.	Vaipuanpho Stream, Reiek kai	-do-	-do-	3711	92 ⁰ 38'42" E	23 ⁰ 42'28"N	450m
4.	Tuikual Stream, Reiek kai	-do-	-do-	3712	92 ⁰ 39'46" E	23 ⁰ 42'57"N	270m

5.	Sakhisih stream, Mission vengthlang	-do-	-do-	3713	92 ⁰ 43'9.1" E	23 ⁰ 42'39.5" N	900m
6.	Tuirial River, Upstream Near Sumsuih village	-do-	-do-	3714	92 ⁰ 47'57" E	23 ⁰ 27'7.0"N	1060m
7.	Tuirial River, Airfield, before dumping ground	-do-	-do-	3715	92 ⁰ 48'8"E	23 ⁰ 45'11"N	119m
8.	Damdiai Stream, Airfield, near dumping ground	-do-	-do-	3716	92 ⁰ 48'7.5" E	23 ⁰ 45'11.5" N	120m
9.	Tuirial River, Airfield, after dumping ground	-do-	-do-	3717	92 ⁰ 48'40.7 "E	23 ⁰ 45'32.21 "N	100m
10.	Chite Stream, Armed veng, near Mini sports complex	-do-	-do-	3718	92 ⁰ 44'17.5 "E	23 ⁰ 43'59.2" N	680m
11.	Tuirini River, Seling	-do-	-do-	3719	92 ⁰ 53'16.8 "E	23 ⁰ 40'55.4" N	280m
12.	Tuivawl River, Near Tuivawl bridge, Keifang	-do-	-do-	3720	93 ⁰ 2'6"E	23 ⁰ 38'31"N	500m
13.	Lawibual Stream, Lawibual village, (at its confluence point with Hmawngkai Stream)	-do-	-do-	3721	92 ⁰ 44'5.4" E	23 ⁰ 42'58.7" N	720m
14.	Lawibuai fishpond	-do-	-do-	3722	92 ⁰ 44'29.2 "E	23 ⁰ 43'16.2" N	610m

15.	Tamdil Lake, Saitual	-do-	-do-	3723	92 ⁰ 57'19.4 "E	23 ⁰ 44'14"N	760m
16.	Challui, Lengpui	-do-	-do-	3724	92 ⁰ 36'00" E	23 ⁰ 48'54.4" N	300m
17.	Lungli Tuikhur, Republic Veng	-do-	Spring/ Surface	3725	92 ⁰ 43'12.1 "E	23 ⁰ 43'1"N	900m
18.	Ramhlun 'S' Tuikhur, Near Community Hall	-do-	-do-	3726	92 ⁰ 43'24" E	23 ⁰ 44'32"N	760m
19.	Tuithiang Veng Tuikhur	-do-	-do-	3727	92 ⁰ 43'40.7 "E	23 ⁰ 43'50.0" N	800 m
20.	Khurpui Tuikhur, S.Hlimen	-do-	-do-	3728	92 ⁰ 43'15.4 "E	23 ⁰ 41'5.6"N	960m
21.	Bawngkawn Hand Pump,Near HB Petrol Pump	-do-	Ground water	3729	92 ⁰ 43'42.0 "E	23 ⁰ 45'25.1" N	800m
22.	Selesih Hand Pump	-do-	-do-	3730	92 ⁰ 44'7.2" E	23 ⁰ 48'4.5"N	1160m
23.	Tuikual Hand Pump	-do-	-do-	3731	92 ⁰ 42'50.1 "E	23 ⁰ 43'52.6" N	100m
24.	Chaltlang hand pump near Remi tyre works	-do-	-do-	3732	92 ⁰ 43'23.3 3"E	23 ⁰ 45'3.65" N	1106m
25.	S.Hlimen Hand Pump	-do-	-do-	3733	92 ⁰ 43'7.4" E	23 ⁰ 40'57.6" N	1000m
		Lunglei District					
26.	Tlawng River, Upstream, Zobawk, Lunglei	-do-	Surface water	3734	92 ⁰ 49'15.0 "E	22 ⁰ 51'21.2" N	1080m
27.	Mat River	-do-	-do-	3735	92 ⁰ 52'19.7 "E	22 ⁰ 53'58.4" N	380m

28.	Tlawng River, Pialthleng, Zotlang, Lunglei	-do-	-do-	3736	92 ⁰ 45'45.7"E	22 ⁰ 56'53.5"N	800m
29.	Vaitui Tuikhur, Theiriatsunglei	-do-	-do-	3737	92 ⁰ 47'21.3"E	22 ⁰ 52'2.3"N	1340m
30.	Sap Tuikhur, Serkawn	-do-	-do-	3738	92 ⁰ 45'54.5"E	22 ⁰ 54'33.3"N	1060m
31.	Zobawk Veng Handpump, Lunglei	-do-	Ground water	3739	92 ⁰ 49'41.0"E	22 ⁰ 57'35.1"N	880m
		Lawngtlai District					
32.	Saikah Stream, Lawngtlai	-do-	Surface water	3740	92 ⁰ 53'40.1"E	22 ⁰ 27'21.3"N	800m
33.	Khurpui Tuikhur, Lawngtlai	-do-	Spring/Surface water	3741	92 ⁰ 53'40.1"E	22 ⁰ 31'57.5"N	780m
34.	Chanmari Hand Pump, Lawngtlai	-do-	Ground water	3742	92 ⁰ 53'56.0"E	22 ⁰ 31'25.8"N	800m
		Saiha District					
35.	P.H.E Reservoir, Helipad, New Saiha	-do-	Surface water	3743	92 ⁰ 59'6.3"E	22 ⁰ 29'11.4"N	1000m
36.	Chhimtuipui River, Kawlchaw	-do-	-do-	3744	92 ⁰ 57'46.3"E	22 ⁰ 23'55.0"N	100m
37.	Chhochhopa Tuikhur, Saiha	-do-	-do-	3745	92 ⁰ 59'5.0"E	22 ⁰ 29'33.2"N	860m
		Serchhip District					
38.	Tuikum River, Serchhip	-do-	Surface water	3746	92 ⁰ 52'36.1"E	23 ⁰ 19'55"N	580m
39.	Sesah Stream, Serchhip	-do-	-do-	3747	92 ⁰ 51'24.7"E	23 ⁰ 18'2.7"N	860m

40.	Project veng Hand Pump, Serchhip	-do-	Ground water	3748	92 ⁰ 51'49.7"E	23 ⁰ 18'43.4"N	900m
		Mamit District					
41.	Lahmun River, Phaizau, Mamit	-do-	Surface water	3749	92 ⁰ 31'47.4"E	23 ⁰ 55'18.3"N	140m
42.	Teirei River, Near Bawngva village, Mamit	-do-	-do-	3750	92 ⁰ 25'19.6"E	23 ⁰ 54'21.2"N	60m
43.	Tut River, Near Dapchhuah village.	-do-	-do-	3751	92 ⁰ 31'26.6"E	23 ⁰ 46'10.3"N	80m
		Kolasib District					
44.	Tuichhuahen Stream, Kolasib	-do-	-do-	3752	92 ⁰ 38'50.4"E	24 ⁰ 14'36.0"N	80m
45.	Hmar veng Tuikhur, Kolasib	-do-	-do-	3753	92 ⁰ 40'59.0"E	24 ⁰ 13'47.1"N	600m
46.	Tlawng River, Downstream, Bairabi	-do-	-do-	3754	92 ⁰ 32'14.3"E	24 ⁰ 10'44.7"N	40m
47.	Pond, Near Thermal Power Plant, Bairabi	-do-	-do-	3755	92 ⁰ 32'22.3"E	24 ⁰ 11'16.0"N	60m
		Champhai District					
48.	Tiau River, Champhai	-do-	Surface water	3756	93 ⁰ 23'31.0"E	23 ⁰ 21'42.8"N	720m
49.	Tuipui River, Champhai	-do-	-do-	3757	93 ⁰ 16'27"E	23 ⁰ 30'18.8"N	800m
50.	Bethel veng Hand-pump, Champhai	-do-	-do-	3758	93 ⁰ 19'30.1"E	23 ⁰ 28'42.0"N	1500m