

MIZORAM WATER DATA

November

2017

STATION DETAILS

MIZORAM STATE POLLUTION CONTROL BOARD

WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF NOVEMBER YEAR 2017

| Sl. No. | Station Code | A. STATIONS DETAILS | | | | | | | | | | | | |
|---------|--------------|---------------------|---------------|------------------|-------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------|-------------|------------|------------|
| | | Sampling Date | Sampling Time | Used Based Class | Major Polluting Sources | Visibility Effluent Discharge | Use of water in Down Stream (irrigation, industrial, domestic, drinking water source, organised water source, cultivation, fishing, bathing ghat, others) | Weather | Depth of Water Body (m) | Human activities (Bathing, Washing, Cultivation, Fishing, Boating, Gardening, Tourist spot, cattle wedding, others) | Floating matter | Colour | Odour | Flow (m/s) |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1 | 2050 | 29.11.2017 | 11:45 | | Agriculture | | Drinking Water Source | Clear | 0.3 | | | Colourless | Odourless | 0.5 |
| 2 | 2051 | 29.11.2017 | 11:10 | | Agriculture | | WTP located at nearby | Clear | 0.6 | Fishing | | Pale yellow | Colourless | 0.4 |
| 3 | 2052 | 22.11.2017 | 10:40 | | Agriculture | | | Clear | 0.4 | Fishing | | Colourless | Odourless | 0.4 |
| 4 | 2053 | 22.11.2017 | 10:45 | | Agriculture | | | Clear | 0.5 | Fishing | | Colourless | Odourless | 0.4 |
| 5 | 2054 | 13.11.2017 | 11:05 | | Domestic | | | Clear | 0.4 | Washing | | Colourless | Odourless | N/A |
| 6 | 2055 | 29.11.2017 | 1:15 | | Domestic | | | Clear | 0.4 | Washing | | Colourless | Odourless | N/A |
| 7 | 3709 | 27.11.2017 | 10:40 | | Agriculture | | | Clear | 0.4 | Sand collection | | Colourless | Odourless | 0.3 |
| 8 | 3710 | 29.11.2017 | 10:50 | | Agriculture | | Drinking Water Source | Clear | 0.3 | | | Colourless | Odourless | 0.4 |
| 9 | 3711 | 29.11.2017 | 12:10 | | Agriculture | | Drinking Water Source | Clear | 0.2 | | | Colourless | Odourless | 1.5 |
| 10 | 3712 | 29.11.2017 | 11:30 | | Domestic | | | Clear | 0.3 | | | Colourless | Odourless | 0.7 |
| 11 | 3713 | 21.11.2017 | 12:05 | | Domestic | | | Clear | 0.2 | Washing | | Colourless | Odourless | 0.9 |
| 12 | 3714 | 30.11.2017 | 9:20 | | Agriculture | | | Clear | 0.2 | Washing | | Colourless | Odourless | 0.4 |
| 13 | 3715 | 22.11.2017 | 11:40 | | Agriculture | | | Clear | 0.5 | Fishing | | Colourless | Odourless | 0.3 |
| 14 | 3716 | 22.11.2017 | 11:35 | | Agriculture | | | Clear | 0.3 | Fishing | | Colourless | Odourless | 0.4 |
| 15 | 3717 | 22.11.2017 | 11:45 | | Agriculture | | | Clear | 0.4 | Fishing | | Colourless | Odourless | 0.5 |
| 16 | 3718 | 13.11.2017 | 10:15 | | Domestic | | | Clear | 0.5 | Fishing | | Colourless | Odourless | 0.4 |
| 17 | 3719 | 20.11.2017 | 8:00 | | Agriculture | | | Clear | 0.7 | Washing | | Colourless | Odourless | 0.5 |

WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF NOVEMBER YEAR 2017

| Sl. No. | Station Code | A. STATIONS DETAILS | | | | | | | | | | | | |
|---------|--------------|---------------------|---------------|------------------|-------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------|------------|---------------|------------|
| | | Sampling Date | Sampling Time | Used Based Class | Major Polluting Sources | Visibility Effluent Discharge | Use of water in Down Stream (irrigation, industrial, domestic, drinking water source, organised water source, cultivation, fishing, bathing ghat, others) | Weather | Depth of Water Body (m) | Human activities (Bathing, Washing, Cultivation, Fishing, Boating, Gardening, Tourist spot, cattle wedding, others) | Floating matter | Colour | Odour | Flow (m/s) |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 18 | 3720 | 20.11.2017 | 12:40 | | Agriculture | | | Clear | 0.5 | Washing & Bathing | | Colourless | Odourless | 1.5 |
| 19 | 3721 | 15.11.2017 | 1:40 | | Domestic | | | Clear | 0.5 | | | Colourless | Tobacco smell | 1.2 |
| 20 | 3722 | 15.11.2017 | 2:20 | | Domestic | | Fish Pond | Clear | 5 | | | Colourless | Odourless | N/A |
| 21 | 3723 | 20.11.2017 | 3:30 | | Agriculture | | Fish Pond | Clear | 2.5 | | | Colourless | Odourless | N/A |
| 22 | 3724 | 27.11.2017 | 11:50 | | Agriculture | | | Clear | 0.5 | Fishing | | Colourless | Odourless | 0.4 |
| 23 | 3725 | 15.11.2017 | 3:10 | | Domestic | | | Clear | 0.6 | Washing | | Colourless | Odourless | N/A |
| 24 | 3726 | 13.11.2017 | 10:40 | | Domestic | | | Clear | 0.5 | Washing | | Colourless | Odourless | N/A |
| 25 | 3727 | 15.11.2017 | 11:45 | | Domestic | | | Clear | 0.4 | Washing | | Colourless | Odourless | N/A |
| 26 | 3728 | 21.11.2017 | 12:34 | | Domestic | | | Clear | 0.3 | Washing | | Colourless | Odourless | N/A |
| 27 | 3729 | 20.11.2017 | 10:35 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 28 | 3730 | 20.11.2017 | 11:27 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 29 | 3731 | 20.11.2017 | 10:15 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 30 | 3732 | 20.11.2017 | 11:40 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 31 | 3733 | 21.11.2017 | 12:54 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 32 | 3734 | 14.11.2017 | 1:30 | | Agriculture | | | Clear | 1.2 | Fishing | | Colourless | Odourless | 0.4 |
| 33 | 3735 | 14.11.2017 | 10:20 | | Agriculture | | | Clear | 2 | Fishing | | Colourless | Odourless | 0.5 |
| 34 | 3736 | 14.11.2017 | 12:36 | | Agriculture | | Drinking Water Source | Clear | 3 | Fishing | | Colourless | Odourless | 0.1 |

WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF NOVEMBER YEAR 2017

| Sl. No. | Station Code | A. STATIONS DETAILS | | | | | | | | | | | | |
|---------|--------------|---------------------|---------------|------------------|-------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------|-------------|----------------|------------|
| | | Sampling Date | Sampling Time | Used Based Class | Major Polluting Sources | Visibility Effluent Discharge | Use of water in Down Stream (irrigation, industrial, domestic, drinking water source, organised water source, cultivation, fishing, bathing ghat, others) | Weather | Depth of Water Body (m) | Human activities (Bathing, Washing, Cultivation, Fishing, Boating, Gardening, Tourist spot, cattle wedding, others) | Floating matter | Colour | Odour | Flow (m/s) |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 35 | 3737 | 14.11.2017 | 9:15 | | | | Drinking Water Source | Clear | N/A | | | Colourless | Odourless | N/A |
| 36 | 3738 | 14.11.2017 | 1:10 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 37 | 3739 | 14.11.2017 | 12:00 | | Domestic | | | Clear | N/A | Washing | | Pale yellow | Metallic smell | N/A |
| 38 | 3740 | 01.11.2017 | 10:00 | | Agriculture | | Drinking Water Source | Clear | 0.2 | | | Colourless | Odourless | 1.1 |
| 39 | 3741 | 01.11.2017 | 10:45 | | Domestic | | | Clear | 0.5 | Washing | | Colourless | Odourless | N/A |
| 40 | 3742 | 01.11.2017 | 10:20 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 41 | 3743 | 10.11.2017 | 11:23 | | Agriculture | | Drinking Water Source | Clear | 5 | | | Colourless | Odourless | N/A |
| 42 | 3744 | 10.11.2017 | 1:52 | | Agriculture | | | Clear | | Fishing | | Colourless | Odourless | 0.2 |
| 43 | 3745 | 10.11.2017 | 2:10 | | Domestic | | | Clear | | Washing | | Colourless | Odourless | N/A |
| 44 | 3746 | 10.11.2017 | 9:30 | | Agriculture | | Drinking Water Source | Clear | 2.5 | | | Colourless | Odourless | 2.1 |
| 45 | 3747 | 10.11.2017 | 11:30 | | Domestic | | | Clear | 0.5 | Washing | | Colourless | Odourless | 0.9 |
| 46 | 3748 | 10.11.2017 | 12:00 | | Domestic | | | Clear | 0.4 | Washing | | Colourless | Odourless | N/A |
| 47 | 3749 | 10.11.2017 | 11:00 | | Agriculture | | Drinking Water Source | Clear | 0.7 | | | Colourless | Odourless | 0.3 |
| 48 | 3750 | 11.11.2017 | 11:30 | | Agriculture | | | Clear | 0.6 | Washing | | Colourless | Odourless | 0.4 |
| 49 | 3751 | 10.11.2017 | 1:25 | | Agriculture | | | Clear | 0.7 | Washing & Fishing | | Colourless | Odourless | 0.4 |
| 50 | 3752 | 07.11.2017 | 10:20 | | Agriculture | | Drinking Water Source | Clear | 1.4 | | | Colourless | Odourless | 0.3 |
| 51 | 3753 | 07.11.2017 | 11:45 | | Domestic | | | Clear | 2.4 | Washing | | Colourless | Odourless | N/A |

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF NOVEMBER YEAR 2017**

| Sl. No. | Station Code | A. STATIONS DETAILS | | | | | | | | | | | | |
|---------|--------------|---------------------|---------------|------------------|-------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------|-------------|-----------|------------|
| | | Sampling Date | Sampling Time | Used Based Class | Major Polluting Sources | Visibility Effluent Discharge | Use of water in Down Stream (irrigation, industrial, domestic, drinking water source, organised water source, cultivation, fishing, bathing ghat, others) | Weather | Depth of Water Body (m) | Human activities (Bathing, Washing, Cultivation, Fishing, Boating, Gardening, Tourist spot, cattle wedding, others) | Floating matter | Colour | Odour | Flow (m/s) |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 52 | 3754 | 22.11.2017 | 2:00 | | Agriculture | | | Clear | 2 | Fishing | | Colourless | Odourless | 1 |
| 53 | 3755 | 22.11.2017 | 1:25 | | Domestic | | Fish Pond | Clear | 1.1 | | | Colourless | Odourless | N/A |
| 54 | 3756 | 27.11.2017 | 11:46 | | Domestic | | | Clear | 0.3 | Washing | | Colourless | Odourless | 1.4 |
| 55 | 3757 | 27.11.2017 | 12:52 | | Agriculture | | Drinking Water Source | Clear | 0.7 | | | Colourless | Odourless | 1.2 |
| 56 | 3758 | 27.11.2017 | 2:30 | | Domestic | | | Clear | N/A | Washing | | Pale yellow | Odourless | N/A |

MIZORAM WATER DATA

November

2017

CORE & GENERAL PARAMETERS

MIZORAM STATE POLLUTION CONTROL BOARD

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF NOVEMBER YEAR 2017**

| Sl. No. | Station Code | B. CORE PARAMETERS | | | | | | | | C. GENERAL PARAMETERS | | | | | | | | | | |
|---------|--------------|--------------------|------------|------|--------------------|--------------|----------------------------------------------|---------------------|--------------------|-----------------------|-------------------------|------------------|------------------|-----------------------|----------------|------------------|---------------|------------|------------|------------------------|
| | | Water Temp (°C) | D.O (mg/L) | pH | Conductivity µs/cm | B.O.D (mg/L) | Nitrogen Nitrite (N-No ₂) (mg/L) | Faecal Coliform MPN | Total Coliform MPN | Turbidity NTU | Total Alkalinity (mg/L) | Chlorides (mg/L) | Ammonia-N (mg/L) | Total Hardness (mg/L) | Calcium (mg/L) | Magnesium (mg/L) | Sodium (mg/L) | TDS (mg/L) | TSS (mg/L) | Total Phosphate (mg/L) |
| | | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| 1 | 2050 | 21 | 4.6 | 7.41 | 114 | 0.9 | 0.037 | 0 | 460 | 0.5 | 32.9 | 7.6 | 0.285 | 46 | 12 | 3.8 | | | | 0.092 |
| 2 | 2051 | 21 | 4.5 | 7.35 | 125 | 0.8 | 0.045 | 0 | 290 | 2.3 | 38.4 | 5.9 | 0.239 | 50 | 11.2 | 5.2 | | | | 0.066 |
| 3 | 2052 | 24 | 4.3 | 7.18 | 147 | 0.7 | 0.038 | 0 | 1100 | 1.2 | 36.6 | 5.9 | 0.338 | 46 | 11.2 | 4.3 | | | | 0.096 |
| 4 | 2053 | 24 | 4.4 | 7.44 | 162 | 0.9 | 0.026 | 3.6 | 2400 | 2.1 | 32.9 | 7.6 | 0.247 | 46 | 10.4 | 4.8 | | | | 0.079 |
| 5 | 2054 | 22 | 4.9 | 7.44 | 118 | 1.1 | 0.023 | | | 0.2 | 18.3 | 34 | 0.171 | 42 | 12 | 2.8 | | | | 0.082 |
| 6 | 2055 | 17 | 3.6 | 7.31 | 158 | 0.6 | 0.04 | | | 0.2 | 113.4 | 49.3 | 0.399 | 134 | 42.4 | 6.7 | | | | 0.12 |
| 7 | 3709 | 23 | 5.3 | 7.45 | 213 | 1 | 0.055 | 3.6 | 2400 | 4.1 | 38.4 | 7.6 | 0.543 | 48 | 10.4 | 5.2 | | | | 0.228 |
| 8 | 3710 | 18 | 4 | 7.19 | 131 | 1 | 0.041 | | | 0.4 | 38.4 | 8.5 | 0.338 | 46 | 11.2 | 4.3 | | | | 0.096 |
| 9 | 3711 | 18 | 5.2 | 7.25 | 141 | 1 | 0.053 | | | 0.1 | 25.6 | 6.8 | 0.239 | 34 | 8.8 | 2.8 | | | | 0.082 |
| 10 | 3712 | 21 | 4.9 | 7.16 | 157 | 1 | 0.023 | | | 0.1 | 60.3 | 45.9 | 0.296 | 74 | 20 | 5.7 | | | | 0.069 |
| 11 | 3713 | 22 | 3.1 | 7.38 | 159 | 0.7 | 0.024 | | | 2.5 | 118.9 | 53.5 | 1.862 | 140 | 41.6 | 10.5 | | | | 0.104 |
| 12 | 3714 | 21 | 4.9 | 7.12 | 211 | 0.9 | 0.02 | | | 0 | 31.1 | 6.8 | 0.232 | 40 | 9.6 | 3.8 | | | | 0.076 |
| 13 | 3715 | 22 | 4.5 | 7.11 | 147 | 0.9 | 0.023 | | | 1.6 | 31.1 | 6.8 | 0.224 | 42 | 11.2 | 3.3 | | | | 0.124 |
| 14 | 3716 | 23 | 4.1 | 7.34 | 144 | 0.6 | 0.021 | | | 3.2 | 43.9 | 9.3 | 0.209 | 54 | 12 | 5.7 | | | | 0.089 |
| 15 | 3717 | 22 | 4.7 | 7.16 | 164 | 1 | 0.024 | | | 2.1 | 40.2 | 8.5 | 0.3 | 50 | 11.2 | 5.2 | | | | 0.124 |
| 16 | 3718 | 25 | 3.8 | 7.16 | 128 | 1.9 | 0.02 | | | 0.1 | 137.2 | 70.5 | 0.236 | 154 | 44.8 | 10 | | | | 0.11 |
| 17 | 3719 | 21 | 7.5 | 7.33 | 122 | 1.4 | 0.036 | | | 1 | 36.6 | 8.5 | 0.209 | 48 | 10.4 | 5.2 | | | | 0.048 |

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF NOVEMBER YEAR 2017**

| Sl. No. | Station Code | B. CORE PARAMETERS | | | | | | | | C. GENERAL PARAMETERS | | | | | | | | | | |
|---------|--------------|--------------------|------------|------|--------------------|--------------|----------------------------------------------|---------------------|--------------------|-----------------------|-------------------------|------------------|------------------|-----------------------|----------------|------------------|---------------|------------|------------|------------------------|
| | | Water Temp (°C) | D.O (mg/L) | pH | Conductivity µs/cm | B.O.D (mg/L) | Nitrogen Nitrite (N-NO ₂) (mg/L) | Faecal Coliform MPN | Total Coliform MPN | Turbidity NTU | Total Alkalinity (mg/L) | Chlorides (mg/L) | Ammonia-N (mg/L) | Total Hardness (mg/L) | Calcium (mg/L) | Magnesium (mg/L) | Sodium (mg/L) | TDS (mg/L) | TSS (mg/L) | Total Phosphate (mg/L) |
| | | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| 18 | 3720 | 21 | 7 | 7.06 | 112 | 1.4 | 0.027 | | | 0.1 | 27.4 | 6.8 | 0.186 | 36 | 7.6 | 2.8 | | | | 0.048 |
| 19 | 3721 | 21.5 | 3.6 | 7.63 | 176 | 1.9 | 0.039 | | | 0.1 | 87.8 | 17.8 | 0.376 | 106 | 31.2 | 6.7 | | | | 0.111 |
| 20 | 3722 | 22 | 6.2 | 7.16 | 216 | 1.8 | 0.056 | | | 2.1 | 32.9 | 8.5 | 0.346 | 46 | 12.8 | 3.3 | | | | 0.102 |
| 21 | 3723 | 22 | 7.7 | 7.16 | 114 | 1.5 | 0.04 | | | 2.6 | 40.2 | 9.3 | 0.589 | 52 | 11.2 | 5.7 | | | | 0.137 |
| 22 | 3724 | 24 | 5.1 | 7.19 | 128 | 1 | 0.045 | | | 2.1 | 43.9 | 9.3 | 0.346 | 54 | 12 | 5.7 | | | | 0.207 |
| 23 | 3725 | 21 | 5.9 | 7.24 | 142 | 1.2 | 0.024 | | | 0 | 42 | 10.2 | 0.308 | 56 | 13.6 | 5.2 | | | | 0.133 |
| 24 | 3726 | 22 | 5.5 | 7.42 | 152 | 1.5 | 0.036 | | | 0 | 20.1 | 31.4 | 0.296 | 30 | 7.2 | 2.8 | | | | 0.094 |
| 25 | 3727 | 21 | 3.7 | 7.14 | 147 | 1.4 | 0.036 | | | 0 | 18.3 | 11.9 | 0.258 | 26 | 6.4 | 2.4 | | | | 0.103 |
| 26 | 3728 | 20 | 5.4 | 7.16 | 234 | 1.1 | 0.025 | | | 0.3 | 23.7 | 10.2 | 0.224 | 32 | 8.8 | 2.4 | | | | 0.103 |
| 27 | 3729 | 20 | 4.3 | 7.16 | 162 | 0.8 | 0.078 | | | 0 | 96.9 | 35.7 | 0.255 | 142 | 43.2 | 8.1 | | | | 0.097 |
| 28 | 3730 | 20 | 3.7 | 7.11 | 173 | 1.9 | 0.098 | | | 0 | 80.5 | 29.4 | 0.276 | 154 | 51.2 | 9.6 | | | | 0.091 |
| 29 | 3731 | 21 | 1.7 | 7.23 | 135 | 0.4 | 0.04 | | | 0.1 | 58.5 | 38.2 | 0.312 | 174 | 52.8 | 10 | | | | 0.086 |
| 30 | 3732 | 20 | 0.8 | 7.31 | 143 | 0.3 | 0.023 | | | 0 | 75 | 69.7 | 0.243 | 100 | 27.2 | 7.6 | | | | 0.106 |
| 31 | 3733 | 20 | 1.9 | 7.46 | 169 | 0.5 | 0.02 | | | 0.1 | 128.1 | 21.2 | 0.22 | 124 | 36 | 8.1 | | | | 0.066 |
| 32 | 3734 | 24 | 7.2 | 7.18 | 166 | 1.1 | 0.025 | | | 0.1 | 27.4 | 6.8 | 0.213 | 42 | 12 | 2.8 | | | | 0.1 |
| 33 | 3735 | 25 | 8.1 | 7.25 | 116 | 1.3 | 0.023 | | | 0.2 | 21.9 | 6.8 | 0.182 | 42 | 10.4 | 3.8 | | | | 0.089 |
| 34 | 3736 | 24 | 7.6 | 7.43 | 145 | 1.1 | 0.035 | | | 0 | 29.2 | 8.5 | 0.365 | 44 | 9.6 | 4.8 | | | | 0.094 |

WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF NOVEMBER YEAR 2017

| Sl. No. | Station Code | B. CORE PARAMETERS | | | | | | | | C. GENERAL PARAMETERS | | | | | | | | | | |
|---------|--------------|--------------------|------------|------|----------------------|--------------|----------------------------------------------|---------------------|--------------------|-----------------------|-------------------------|------------------|------------------|-----------------------|----------------|------------------|---------------|------------|------------|------------------------|
| | | Water Temp (°C) | D.O (mg/L) | pH | Conductivity (µs/cm) | B.O.D (mg/L) | Nitrogen Nitrite (N-No ₂) (mg/L) | Faecal Coliform MPN | Total Coliform MPN | Turbidity NTU | Total Alkalinity (mg/L) | Chlorides (mg/L) | Ammonia-N (mg/L) | Total Hardness (mg/L) | Calcium (mg/L) | Magnesium (mg/L) | Sodium (mg/L) | TDS (mg/L) | TSS (mg/L) | Total Phosphate (mg/L) |
| | | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| 35 | 3737 | 20 | 7.4 | 7.21 | 188 | 1.3 | 0.019 | | | 0.2 | 38.4 | 19.5 | 0.179 | 54 | 12.8 | 5.2 | | | | 0.093 |
| 36 | 3738 | 17 | 6.7 | 7.23 | 114 | 1.1 | 0.021 | | | 0.2 | 23.7 | 5.9 | 0.217 | 32 | 8.8 | 2.4 | | | | 0.065 |
| 37 | 3739 | 23 | 4.6 | 7.25 | 231 | 1.9 | 0.056 | | | 26 | 100.6 | 22.1 | 0.426 | 122 | 36 | 7.6 | | | | 0.207 |
| 38 | 3740 | 23 | 6.6 | 7.21 | 143 | 0.8 | 0.024 | | | 0 | 29.2 | 5.9 | 0.22 | 42 | 9.6 | 4.3 | | | | 0.117 |
| 39 | 3741 | 23 | 5.7 | 7.36 | 153 | 1.4 | 0.02 | | | 0 | 31.1 | 26.3 | 0.296 | 48 | 10.4 | 5.2 | | | | 0.131 |
| 40 | 3742 | 24 | 3.8 | 7.38 | 150 | 1.8 | 0.061 | | | 3.6 | 86 | 44.2 | 0.407 | 110 | 32.8 | 6.7 | | | | 0.189 |
| 41 | 3743 | 20 | 6.9 | 7.24 | 182 | 0.5 | 0.023 | | | 0.1 | 0.1 | 5.1 | 0.331 | 34 | 8 | 3.3 | | | | 0.116 |
| 42 | 3744 | 21 | 7.9 | 7.23 | 142 | 0.9 | 0.041 | | | 0.5 | 45.7 | 5.9 | 0.232 | 62 | 14.4 | 6.2 | | | | 0.12 |
| 43 | 3745 | 21 | 6.6 | 7.25 | 139 | 1.4 | 0.025 | | | 0.1 | 27.4 | 25.5 | 0.171 | 36 | 14.4 | 3.3 | | | | 0.11 |
| 44 | 3746 | 17 | 7.6 | 7.15 | 136 | 0.7 | 0.028 | | | 0 | 18.3 | 5.9 | 0.237 | 32 | 8.8 | 2.4 | | | | 0.116 |
| 45 | 3747 | 18 | 8.1 | 7.26 | 116 | 0.6 | 0.041 | | | 0 | 23.7 | 9.3 | 0.308 | 34 | 8 | 3.3 | | | | 0.094 |
| 46 | 3748 | 17 | 8.3 | 7.17 | 115 | 1.6 | 0.034 | | | 0 | 54.4 | 10.2 | 0.324 | 54 | 12 | 5.7 | | | | 0.132 |
| 47 | 3749 | 23 | 6.8 | 7.52 | 166 | 0.7 | 0.041 | | | 0 | 54.4 | 7.6 | 0.281 | 60 | 13.6 | 6.2 | | | | 0.09 |
| 48 | 3750 | 22 | 6.3 | 7.41 | 227 | 0.6 | 0.053 | | | 0.3 | 36.6 | 8.5 | 0.323 | 50 | 11.2 | 5.2 | | | | 0.063 |
| 49 | 3751 | 21 | 6.4 | 7.18 | 148 | 0.7 | 0.02 | | | 0.1 | 40.2 | 6.8 | 0.243 | 48 | 10.4 | 5.2 | | | | 0.123 |
| 50 | 3752 | 22 | 6.8 | 7.34 | 133 | 0.6 | 0.062 | | | 0.1 | 49.4 | 6.8 | 0.228 | 64 | 14.4 | 6.7 | | | | 0.083 |
| 51 | 3753 | 21 | 7.9 | 7.21 | 168 | 1.5 | 0.087 | | | 0 | 18.3 | 7.6 | 0.255 | 32 | 7.2 | 3.3 | | | | 22 |

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF NOVEMBER YEAR 2017**

| Sl. No. | Station Code | B. CORE PARAMETERS | | | | | | | | C. GENERAL PARAMETERS | | | | | | | | | | |
|---------|--------------|--------------------|------------|------|--------------------|--------------|----------------------------------------------|---------------------|--------------------|-----------------------|-------------------------|------------------|------------------|-----------------------|----------------|------------------|---------------|------------|------------|------------------------|
| | | Water Temp (°C) | D.O (mg/L) | pH | Conductivity µs/cm | B.O.D (mg/L) | Nitrogen Nitrite (N-NO ₂) (mg/L) | Faecal Coliform MPN | Total Coliform MPN | Turbidity NTU | Total Alkalinity (mg/L) | Chlorides (mg/L) | Ammonia-N (mg/L) | Total Hardness (mg/L) | Calcium (mg/L) | Magnesium (mg/L) | Sodium (mg/L) | TDS (mg/L) | TSS (mg/L) | Total Phosphate (mg/L) |
| | | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| 52 | 3754 | 22 | 6.8 | 7.23 | 128 | 0.8 | 0.024 | | | 1.3 | 31.1 | 7.6 | 0.308 | 46 | 10.4 | 4.8 | | | | 0.104 |
| 53 | 3755 | 25 | 4.3 | 7.13 | 117 | 1.8 | 0.044 | | | 0.4 | 45.7 | 12.7 | 0.361 | 56 | 12.8 | 5.7 | | | | 0.117 |
| 54 | 3756 | 19 | 4.5 | 7.29 | 108 | 1.3 | 0.023 | | | 0 | 34.7 | 8.5 | 0.171 | 48 | 11.2 | 4.8 | | | | 0.11 |
| 55 | 3757 | 20 | 5.4 | 7.15 | 125 | 0.9 | 0.024 | | | 0 | 29.2 | 7.6 | 0.213 | 42 | 10.4 | 3.8 | | | | 0.068 |
| 56 | 3758 | 17 | 3.2 | 7.12 | 166 | 1.8 | 0.055 | | | 6.4 | 96.9 | 34.8 | 0.551 | 116 | 36 | 6.2 | | | | 0.245 |

MIZORAM WATER DATA

November

2017

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

MIZORAM STATE POLLUTION CONTROL BOARD

**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 |