

MIZORAM WATER DATA

January

2017

STATION DETAILS

MIZORAM POLLUTION CONTROL BOARD

WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF JANUARY 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 | 16.01.2017 | 1:00 | | Agriculture | | Drinking Water Source | Clear | 0.5 | | | Colourless | Odourless | 0.2 |
| 2 | 2051 | 16.01.2017 | 12:30 | | Agriculture | | WTP located at nearby | Clear | 0.7 | Fishing | | Colourless | Odourless | 0.3 |
| 3 | 2052 | 23.01.2017 | 10:40 | | Agriculture | | | Clear | 0.4 | Fishing | | Colourless | Odourless | 0.3 |
| 4 | 2053 | 23.01.2017 | 10:45 | | Agriculture | | | Clear | 0.5 | Fishing | | Colourless | Odourless | 0.4 |
| 5 | 2054 | 10.01.2017 | 11:45 | | Domestic | | | Clear | 0.4 | Washing | | Colourless | Odourless | N/A |
| 6 | 2055 | 16.01.2017 | 11:00 | | Domestic | | | Clear | 0.3 | Washing | | Colourless | Odourless | N/A |
| 7 | 3709 | 18.01.2017 | 10:55 | | Agriculture | | | Clear | 0.4 | Sand collection | | Colourless | Odourless | 0.3 |
| 8 | 3710 | 16.01.2017 | 12:05 | | Agriculture | | Drinking Water Source | Clear | 0.3 | | | Colourless | Odourless | 0.4 |
| 9 | 3711 | 16.01.2017 | 1:20 | | Agriculture | | Drinking Water Source | Clear | 0.2 | | | Colourless | Odourless | 0.5 |
| 10 | 3712 | 16.01.2017 | 12:40 | | Domestic | | | Clear | 0.4 | | | Colourless | Odourless | 0.6 |
| 11 | 3713 | 19.01.2017 | 12:40 | | Domestic | | | Clear | 0.4 | Washing | | Colourless | Odourless | 0.2 |
| 12 | 3714 | 26.01.2017 | 9:45 | | Agriculture | | | Clear | 0.2 | Washing | | Colourless | Odourless | 0.4 |
| 13 | 3715 | 23.01.2017 | 11:55 | | Agriculture | | | Clear | 0.5 | Fishing | | Colourless | Odourless | 0.3 |
| 14 | 3716 | 23.01.2017 | 11:50 | | Agriculture | | | Clear | 0.5 | Fishing | | Colourless | Odourless | 0.4 |
| 15 | 3717 | 23.01.2017 | 12:00 | | Agriculture | | | Clear | 0.5 | Fishing | | Colourless | Odourless | 0.4 |
| 16 | 3718 | 10.01.2017 | 10:50 | | Domestic | | | Clear | 0.3 | | | Colourless | Odourless | 1.5 |
| 17 | 3719 | 18.01.2017 | 4:29 | | Agriculture | | | Clear | 0.3 | Washing | | Colourless | Odourless | 0.2 |

WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF JANUARY 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 | 18.01.2017 | 11:30 | | Agriculture | | | Clear | 0.3 | Washing & Bathing | | Colourless | Odourless | 0.5 |
| 19 | 3721 | 09.01.2017 | 12:00 | | Domestic | | | Clear | 0.2 | | | Colourless | mud smell | 0.5 |
| 20 | 3722 | 09.01.2017 | 11:30 | | Domestic | | Fish Pond | Clear | 3 | | | Colourless | Odourless | N/A |
| 21 | 3723 | 18.01.2017 | 7:24 | | | | Fish Pond | Clear | 2.5 | | | Colourless | Odourless | N/A |
| 22 | 3724 | 18.01.2017 | 11:40 | | Agriculture | | | Clear | 0.5 | | | Colourless | Odourless | 0.4 |
| 23 | 3725 | 09.01.2017 | 12:40 | | Domestic | | | Clear | 0.3 | Washing | | Colourless | Odourless | N/A |
| 24 | 3726 | 10.01.2017 | 11:20 | | Domestic | | | Clear | 0.3 | Washing | | Colourless | Odourless | N/A |
| 25 | 3727 | 09.01.2017 | 12:20 | | Domestic | | | Clear | 0.1 | Washing | | Colourless | Odourless | N/A |
| 26 | 3728 | 19.01.2017 | 12:00 | | Domestic | | | Clear | 0.3 | Washing | | Colourless | Odourless | N/A |
| 27 | 3729 | 30.01.2017 | 10:45 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 28 | 3730 | 30.01.2017 | 11:25 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 29 | 3731 | 30.01.2017 | 10:30 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 30 | 3732 | 30.01.2017 | 12:10 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 31 | 3733 | 19.01.2017 | 11:20 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 32 | 3734 | 23.01.2017 | 2:40 | | Agriculture | | | Clear | 0.2 | Fishing | | Colourless | Odourless | 0.9 |
| 33 | 3735 | 23.01.2017 | 11:30 | | Agriculture | | | Clear | 1 | Fishing | | Colourless | Odourless | 0.8 |
| 34 | 3736 | 23.01.2017 | 3:27 | | Agriculture | | Drinking Water Source | Clear | 3.5 | Fishing | | Colourless | Odourless | 0.2 |

WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF JANUARY 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 | 23.01.2017 | 10:45 | | | | Drinking Water Source | Clear | N/A | | | Colourless | Odourless | N/A |
| 36 | 3738 | 23.01.2017 | 3:34 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |
| 37 | 3739 | 23.01.2017 | 12:22 | | Domestic | | | Clear | N/A | Washing | | Pale yellow | Odourless | N/A |
| 38 | 3740 | 24.01.2017 | 10:00 | | Agriculture | | Drinking Water Source | Clear | 0.4 | | | Colourless | Odourless | 0.5 |
| 39 | 3741 | 24.01.2017 | 12:00 | | Domestic | | | Clear | 0.4 | Washing | | Colourless | Odourless | N/A |
| 40 | 3742 | 24.01.2017 | 11:00 | | Domestic | | | Clear | N/A | Washing | | Pale yellow | Metallic | N/A |
| 41 | 3743 | 25.01.2017 | 12:00 | | Agriculture | | Drinking Water Source | Clear | 5 | | | Colourless | Odourless | N/A |
| 42 | 3744 | 25.01.2017 | 2:45 | | Agriculture | | Fishing | Clear | 2.3 | Fishing | | Colourless | Odourless | 1.2 |
| 43 | 3745 | 25.01.2017 | 11:10 | | Domestic | | | Clear | 0.4 | Washing | | Colourless | Odourless | N/A |
| 44 | 3746 | 10.01.2017 | 9:15 | | Agriculture | | Drinking Water Source | Clear | 1.6 | | | Colourless | Odourless | 0.3 |
| 45 | 3747 | 10.01.2017 | 11:15 | | Domestic | | | Clear | 0.3 | Washing | | Colourless | Odourless | 1.5 |
| 46 | 3748 | 10.01.2017 | 2:15 | | Domestic | | | Clear | 0.5 | Washing | | Colourless | Odourless | N/A |
| 47 | 3749 | 18.01.2017 | 5:30 | | Agriculture | | Drinking Water Source | Clear | 0.6 | | | Colourless | Odourless | 0.4 |
| 48 | 3750 | 18.01.2017 | 7:30 | | Agriculture | | | Clear | 0.5 | Washing | | Colourless | Odourless | 0.7 |
| 49 | 3751 | 18.01.2017 | 12:30 | | Agriculture | | Fishing | Clear | 0.7 | Washing & Fishing | | Colourless | Odourless | 0.6 |
| 50 | 3752 | 14.01.2017 | 7:00 | | Agriculture | | Drinking Water Source | Clear | 1.2 | | | Colourless | Odourless | 0.2 |
| 51 | 3753 | 11.01.2017 | 3:30 | | Domestic | | | Clear | 0.3 | Washing | | Colourless | Odourless | N/A |

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF JANUARY 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 | 18.01.2017 | 10:00 | | Agriculture | | Fishing | Clear | 1 | Fishing | | Colourless | Odourless | 0.5 |
| 53 | 3755 | 18.01.2017 | 10:15 | | Domestic | | Fish Pond | Clear | 1.5 | | | Colourless | Odourless | N/A |
| 54 | 3756 | 17.01.2017 | 11:30 | | Domestic | | | Clear | 0.611 | Washing | | Colourless | Odourless | 1.6 |
| 55 | 3757 | 23.01.2017 | 1:45 | | Agriculture | | Drinking Water Source | Clear | 0.76 | | | Colourless | Odourless | 0.81 |
| 56 | 3758 | 23.01.2017 | 2:30 | | Domestic | | | Clear | N/A | Washing | | Colourless | Odourless | N/A |

MIZORAM WATER DATA

January

2017

CORE & GENERAL PARAMETERS

MIZORAM POLLUTION CONTROL BOARD

WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF JANUARY 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 | 18 | 6.9 | 7.33 | 223 | 0.8 | 0.041 | 0 | 150 | 0.12 | 67.7 | 8.7 | 0.327 | 44.6 | 24.4 | 0.9 | 26.5 | 120 | 40 | 0.157 |
| 2 | 2051 | 18 | 5.1 | 7.21 | 214 | 0.7 | 0.045 | 3 | 290 | 0.33 | 69.5 | 13.1 | 0.35 | 60.6 | 21.8 | 1.4 | 27 | 130 | 60 | 0.137 |
| 3 | 2052 | 20 | 6.01 | 7.12 | 255 | 1.7 | 0.044 | 23 | 2400 | 0.15 | 78.2 | 24.13 | 0.129 | 82.6 | 22.88 | 6.096 | 8 | 170 | 20 | 0.059 |
| 4 | 2053 | 20 | 8.58 | 7.33 | 232 | 2.93 | 0.037 | 21 | 1100 | 0.21 | 77.01 | 11.34 | 0.156 | 82.6 | 14.08 | 11.376 | 11 | 180 | 30 | 0.032 |
| 5 | 2054 | 18 | 6.3 | 7.18 | 277 | 1.7 | 0.057 | | | 0.23 | 30.6 | 57.3 | 0.547 | 100.8 | 18.4 | 13.1 | 20 | 250 | 30 | 0.159 |
| 6 | 2055 | 12 | 4.3 | 7.48 | 322 | 2.1 | 0.078 | | | 0.44 | 52.3 | 69.3 | 0.437 | 117.2 | 22 | 14.8 | 30 | 380 | 30 | 0.14 |
| 7 | 3709 | 21 | 7.5 | 7.3 | 214 | 1.9 | 0.039 | 15 | 1100 | 0.3 | 75.4 | 14.9 | 0.243 | 86 | 19.6 | 8.9 | 13 | 180 | 10 | 0.121 |
| 8 | 3710 | 15 | 5.4 | 7.17 | 254 | 1.5 | 0.071 | | | 0.2 | 79.6 | 46.5 | 0.619 | 87.2 | 23.6 | 6.7 | 21.5 | 140 | 40 | 0.123 |
| 9 | 3711 | 16 | 6.2 | 7.14 | 217 | 0.2 | 0.047 | | | 0.13 | 67.2 | 12.6 | 0.27 | 66 | 24.8 | 0.9 | 21 | 180 | 50 | 0.055 |
| 10 | 3712 | 18 | 5.5 | 7.12 | 219 | 1.3 | 0.042 | | | 0.31 | 55.9 | 10 | 0.357 | 64 | 23.4 | 1.2 | 24 | 170 | 80 | 0.094 |
| 11 | 3713 | 16 | 6.2 | 7.22 | 217 | 1.9 | 0.039 | | | 0.13 | 40.71 | 75.9 | 0.262 | 97.2 | 24.24 | 8.78 | 25 | 320 | 40 | 0.155 |
| 12 | 3714 | 12 | 6.13 | 7.31 | 142 | 0.59 | 0.042 | | | 0.2 | 23.12 | 23.73 | 0.315 | 22.6 | 5.84 | 1.92 | 13 | 80 | 40 | 0.079 |
| 13 | 3715 | 20 | 7.77 | 7.01 | 187 | 1.21 | 0.04 | | | 0.3 | 76.64 | 10.02 | 0.194 | 74 | 16.8 | 7.68 | 16.5 | 140 | 20 | 0.663 |
| 14 | 3716 | 19 | 7 | 7.61 | 155 | 1.6 | 0.052 | | | 0.17 | 85.5 | 14.9 | 0.365 | 64.6 | 13.04 | 7.68 | 11.5 | 160 | 20 | 0.066 |
| 15 | 3717 | 20 | 7.18 | 7.07 | 127 | 1.15 | 0.031 | | | 0.5 | 75.4 | 19.25 | 0.308 | 71.2 | 18.08 | 6.24 | 12 | 180 | 20 | 0.051 |
| 16 | 3718 | 20 | 5.6 | 7.13 | 227 | 2.3 | 0.046 | | | 0.12 | 212.4 | 128.6 | 0.445 | 170 | 43.2 | 14.8 | 16.5 | 630 | 20 | 0.14 |
| 17 | 3719 | 15 | 7.1 | 7.7 | 322 | 2.21 | 0.151 | | | 0.2 | 59.47 | 12.65 | 0.338 | 55.2 | 9.84 | 7.34 | 18 | 140 | 30 | 0.094 |

WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF JANUARY 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 | 11 | 7.38 | 7.6 | 247 | 2.37 | 0.055 | | | 0.2 | 85.49 | 11.86 | 0.243 | 98.6 | 11.44 | 3.5 | 13 | 150 | 10 | 0.114 |
| 19 | 3721 | 18 | 2 | 7.18 | 310 | 1.8 | 0.068 | | | 0.15 | 133.2 | 135.2 | 0.41 | 98 | 3.2 | 8.1 | 18.5 | 260 | 70 | 0.097 |
| 20 | 3722 | 19 | 6.5 | 7.23 | 213 | 1.7 | 0.065 | | | 0.17 | 46 | 73.7 | 0.338 | 152 | 37.6 | 13.9 | 13 | 310 | 80 | 0.109 |
| 21 | 3723 | 13 | 7.31 | 7.8 | 312 | 1.83 | 0.052 | | | 0.1 | 25.48 | 10.54 | 0.334 | 35.2 | 7.2 | 4.12 | 14 | 70 | 20 | 0.128 |
| 22 | 3724 | 20 | 6.77 | 7.25 | 237 | 0.3 | 0.081 | | | 0.15 | 101.4 | 27.16 | 0.403 | 89.2 | 20.48 | 9.12 | 12 | 260 | 20 | 0.14 |
| 23 | 3725 | 20 | 2.4 | 7.18 | 276 | 1.7 | 0.048 | | | 0.2 | 38.2 | 64.7 | 0.308 | 91.2 | 16.8 | 11.5 | 19 | 250 | 60 | 0.093 |
| 24 | 3726 | 18 | 7 | 7.01 | 211 | 1.4 | 0.062 | | | 0.17 | 28.3 | 56.7 | 0.334 | 124 | 14 | 21.3 | 11 | 220 | 20 | 0.107 |
| 25 | 3727 | 19 | 2.9 | 6.94 | 208 | 1.2 | 0.039 | | | 0.2 | 31.8 | 76.7 | 0.331 | 126 | 19.2 | 18.7 | 14 | 240 | 30 | 0.09 |
| 26 | 3728 | 15 | 6.42 | 7.31 | 222 | 2.06 | 0.041 | | | 0.16 | 2.04 | 57.49 | 0.255 | 76 | 19.68 | 6.43 | 24.5 | 340 | 30 | 0.116 |
| 27 | 3729 | 20 | 4.01 | 7.27 | 216 | 2.3 | 0.066 | | | 0.16 | 115.05 | 44.83 | 0.27 | 119.2 | 34.64 | 7.97 | 20 | 140 | 60 | 0.121 |
| 28 | 3730 | 19 | 2.16 | 7.21 | 207 | 2.1 | 0.042 | | | 0.3 | 114.34 | 103.64 | 0.456 | 214.6 | 54.88 | 18.57 | 18 | 140 | 70 | 0.149 |
| 29 | 3731 | 20 | 2.51 | 7.41 | 211 | 2.2 | 0.039 | | | 0.23 | 84.25 | 63.29 | 0.509 | 158 | 38.88 | 14.59 | 26 | 140 | 50 | 0.161 |
| 30 | 3732 | 20 | 2.2 | 7.43 | 233 | 1.9 | 0.046 | | | 0.18 | 54.87 | 88.35 | 0.308 | 168 | 22.98 | 5.54 | 17.5 | 130 | 40 | 0.111 |
| 31 | 3733 | 18 | 2.25 | 7.24 | 240 | 1.3 | 0.055 | | | 0.16 | 63.01 | 33.44 | 0.475 | 9.4 | 27.44 | 6.09 | 25 | 140 | 60 | 0.203 |
| 32 | 3734 | 16 | 6.7 | 7.24 | 234 | 3.1 | 0.116 | | | 0.13 | 53.21 | 11.86 | 0.38 | 40 | 11.44 | 2.73 | 18 | 220 | 20 | 0.165 |
| 33 | 3735 | 19 | 8.3 | 7.18 | 219 | 5.54 | 0.096 | | | 1.02 | 49.3 | 10.02 | 0.334 | 36.6 | 7.2 | 4.464 | 15 | 80 | 20 | 0.128 |
| 34 | 3736 | 17 | 8.2 | 7.42 | 210 | 2.48 | 0.063 | | | 0.11 | 48.62 | 14.5 | 0.35 | 41.2 | 9.28 | 4.32 | 17.5 | 140 | 30 | 0.207 |

**WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF JANUARY 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 | 16 | 5.9 | 7.22 | 184 | 1.9 | 0.059 | | | 0.37 | 49.56 | 30.33 | 0.456 | 109.2 | 19.68 | 14.4 | 26 | 140 | 50 | 0.133 |
| 36 | 3738 | 13 | 8 | 7.16 | 214 | 4.02 | 0.049 | | | 0.21 | 50.09 | 21.49 | 0.27 | 31.2 | 9.04 | 2.064 | 23 | 120 | 30 | 0.082 |
| 37 | 3739 | 18 | 3.2 | 7.41 | 156 | 1.7 | 0.096 | | | 3.55 | 86.7 | 15.29 | 0.505 | 136 | 47.68 | 4.03 | 26 | 130 | 80 | 0.354 |
| 38 | 3740 | 23 | 8.7 | 7.3 | 166 | 4.43 | 0.069 | | | 1.1 | 62.48 | 11.3 | 0.255 | 59.2 | 15.2 | 5.08 | 12 | 120 | 50 | 0.073 |
| 39 | 3741 | 23 | 7.9 | 7.27 | 214 | 2.2 | 0.078 | | | 0.14 | 43 | 64.6 | 0.217 | 90 | 20 | 6.2 | 17 | 140 | 30 | 0.075 |
| 40 | 3742 | 22 | 2.4 | 7.01 | 300 | 2.3 | 0.049 | | | 5.33 | 65.62 | 17.93 | 0.464 | 64 | 9.04 | 9.93 | 14 | 340 | 40 | 0.141 |
| 41 | 3743 | 19 | 6.8 | 7.2 | 156 | 1.5 | 0.056 | | | 0.23 | 33.7 | 15.71 | 0.224 | 54 | 10.23 | 5.4 | 15 | 120 | 50 | 0.071 |
| 42 | 3744 | 21 | 6.5 | 7.1 | 143 | 1.2 | 0.081 | | | 0.24 | 41.2 | 12.11 | 0.256 | 75 | 16.34 | 8.91 | 17 | 130 | 50 | 0.056 |
| 43 | 3745 | 14 | 5.9 | 7.3 | 176 | 1.8 | 0.093 | | | 0.45 | 71.2 | 17.82 | 0.317 | 83 | 19.5 | 7.6 | 21 | 150 | 70 | 0.112 |
| 44 | 3746 | 15 | 7.4 | 7.2 | 133 | 2.25 | 0.041 | | | 0.13 | 41.31 | 21.49 | 0.334 | 37.2 | 10.64 | 2.54 | 16.5 | 130 | 30 | 0.075 |
| 45 | 3747 | 14 | 7.7 | 7.21 | 213 | 1.8 | 0.048 | | | 0.04 | 75.4 | 12.6 | 0.346 | 70.8 | 20 | 4.8 | 21.5 | 130 | 60 | 0.083 |
| 46 | 3748 | 15 | 8.2 | 7.31 | 273 | 2.1 | 0.044 | | | 0.33 | 37.9 | 8.7 | 0.243 | 38 | 6 | 5.4 | 11 | 170 | 30 | 0.082 |
| 47 | 3749 | 20 | 7.1 | 7.38 | 211 | 1.6 | 0.068 | | | 0.17 | 101.4 | 18.8 | 0.346 | 128.6 | 38.8 | 7.5 | 11 | 300 | 30 | 0.072 |
| 48 | 3750 | 19 | 7.3 | 7.24 | 271 | 1.5 | 0.039 | | | 0.2 | 83.7 | 25.4 | 0.422 | 78.6 | 25.2 | 3.6 | 23 | 160 | 30 | 0.093 |
| 49 | 3751 | 19 | 6.9 | 7.01 | 128 | 1.6 | 0.045 | | | 0.06 | 80.7 | 12.6 | 0.239 | 77.2 | 29 | 1.1 | 26 | 120 | 50 | 0.123 |
| 50 | 3752 | 12 | 6.5 | 7.21 | 210 | 1.4 | 0.039 | | | 0.2 | 93.1 | 11.8 | 0.255 | 42.6 | 21.2 | 9.4 | 23 | 180 | 40 | 0.121 |
| 51 | 3753 | 10 | 6.9 | 7.13 | 233 | 1.8 | 0.033 | | | 0.31 | 48.3 | 14.9 | 0.22 | 54 | 6 | 9.3 | 9.5 | 120 | 20 | 0.131 |

WATER QUALITY DATA UNDER NWMP, MIZORAM
MONITORING PERIOD FOR THE MONTH OF JANUARY 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 | 20 | 6.9 | 6.3 | 251 | 1.3 | 0.048 | | | 0.17 | 93.8 | 14.5 | 0.433 | 114.6 | 20.4 | 15.2 | 18 | 130 | 10 | 0.148 |
| 53 | 3755 | 22 | 6.9 | 8 | 223 | 1.5 | 0.048 | | | 0.31 | 72.5 | 18.4 | 0.448 | 102 | 20.4 | 12.4 | 26.5 | 160 | 20 | 0.152 |
| 54 | 3756 | 16 | 7.6 | 10.6 | 206 | 2.25 | 0.038 | | | 0.2 | 35.02 | 99.29 | 0.338 | 91.2 | 12.48 | 14.4 | 16 | 380 | 20 | 0.116 |
| 55 | 3757 | 17 | 6.56 | 9.9 | 214 | 1.8 | 0.024 | | | 0.23 | 32.3 | 16.2 | 0.353 | 35.2 | 21.8 | 4.8 | 23 | 170 | 40 | 0.124 |
| 56 | 3758 | 15 | 4.83 | 6.9 | 281 | 2.3 | 0.067 | | | 24 | 136.2 | 20 | 0.673 | 123.6 | 23.2 | 15.6 | 27.5 | 270 | 60 | 0.178 |

MIZORAM WATER DATA

January

2017

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

MIZORAM 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 |

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|-----|--|------|------|------|----------------------------|-----------------------------|-------|
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| 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 |

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| 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 |

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|-----|--|---------------------------|----------------------|------|---------------------------|---------------------------|-------|
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| 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, Theiriat, Lunglei | -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 |

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|-----|---|--------------------------|---------------|------|---------------------------|---------------------------|-------|
| 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 |