

**WATER QUALITY INDEX OF SURFACE WATER BODIES AT DIFFERENT LOCATION IN MEGHALAYA UNDER NWMP FOR DECEMBER 2017**

| STATION CODE | WATER QUALITY CRITERIA →                 | pH<br>6.5 -<br>8.5 | BOD<br><3.0mg/L | DO<br>>4.0<br>mg/L | FC<br><2500MPN/100ml | TC<br><5000MPN/100ml | WATER QUALITY STATUS |
|--------------|--|--------------------|-----------------|--------------------|----------------------|----------------------|----------------------|
|              | LOCATION NAME<br>↓                       |                    |                 |                    |                      |                      |                      |
| 1347         | UMIAM                                    | 7.2                | 6.5             | 5.8                | 1700                 | 4300                 | Not Satisfactory     |
| 3346         | UMIAM LAKE AT OUTFALL OF UMIAM RIVER     | 7.2                | 8.8             | 3.8                | 1900                 | 4900                 | Not Satisfactory     |
| 3347         | UMIAM LAKE MIDDLE POINT                  | 7.1                | 6.2             | 6.0                | 1700                 | 3300                 | Not Satisfactory     |
| 3348         | UMIAM LAKE NEAR UNITED CHRISTIAN COLLEGE | 6.9                | 6.6             | 5.6                | 1600                 | 3100                 | Not Satisfactory     |
| 1348         | WARD'S LAKE                              | 7.2                | 4.8             | 8.0                | 790                  | 3200                 | Not Satisfactory     |
| 3350         | UMKHEN AT WAHKDAIT                       | 7.2                | 1.6             | 7.2                | 13                   | 94                   | Satisfactory         |
| 3351         | UMKHEN AT KSEHPONGDENG                   | 7.2                | 1.4             | 7.8                | 10                   | 79                   | Satisfactory         |
| 3352         | UMKHEN AT DIENGPASOH                     | 7.6                | 1.5             | 7.5                | 8                    | 70                   | Satisfactory         |
| 3353         | UMIAM MAWPHLANG AT NONGKREM              | 6.9                | 1.8             | 7.6                | 21                   | 94                   | Satisfactory         |
| 3354         | UMIAM MAWPHLANG UMTYNGNGAR               | 7.2                | 2.0             | 6.9                | 21                   | 67                   | Satisfactory         |
| 3355         | UMIAM MAWPHLANG AT MAWPHLANG             | 7.1                | 1.8             | 7.4                | 10                   | 70                   | Satisfactory         |
| 3356         | UMIAM MAWPHLANG AT SHELLA                | 7.6                | 1.0             | 7.8                | 14                   | 94                   | Satisfactory         |
| 3357         | UMNGOT RIVER AT SMIT                     | 6.8                | 1.1             | 8.0                | 17                   | 79                   | Satisfactory         |
| 3358         | UMNGOT RIVER AT DAWKI                    | 7.5                | 1.4             | 7.7                | 11                   | 67                   | Satisfactory         |
| 3363         | UMSHYRPI AT RISA COLONY                  | 6.9                | 1.9             | 7.6                | 21                   | 120                  | Satisfactory         |
| 3364         | UMSHYRPI NEAR LAW COLLEGE                | 6.9                | 35.0            | 1.8                | 21000                | 49000                | Not Satisfactory     |
| 3365         | UMSHYRPI AT UMSHYRPI BRIDGE              | 7.1                | 18.0            | 5.1                | 11000                | 34000                | Not Satisfactory     |
| 3359         | UMKHRAH AT DEMTHRING                     | 7.1                | 21.0            | 3.5                | 10000                | 38000                | Not Satisfactory     |
| 3360         | UMKHRAH AT UMKALIAR                      | 7.3                | 17.0            | 5.3                | 4000                 | 17000                | Not Satisfactory     |
| 3361         | UMKHRAH NEAR SLAUGHTER HOUSE             | 7.3                | 70.0            | 0.7                | 33000                | 79000                | Not Satisfactory     |
| 3362         | UMKHRAH AT MAWPDANG MAWLAI               | 7.3                | 40.0            | 1.2                | 27000                | 111000               | Not Satisfactory     |
| 1422         | UMTREW AT BYRNIHAT                       | 7.3                | 5.8             | 6.8                | 79                   | 350                  | Not Satisfactory     |
| 3366         | UMTREW AT UMRAN                          | 7.3                | 1.1             | 8.0                | 27                   | 110                  | Satisfactory         |
| 3368         | NONBAH AT PHODSOHSAT                     | 7.2                | 1.3             | 7.5                | 14                   | 49                   | Satisfactory         |
| 3367         | NONBAH AT NONGSTOIN                      | 7.2                | 2.3             | 6.8                | 94                   | 540                  | Satisfactory         |

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|--------------|---|--------------------|-----------------|--------------------|----------------------|----------------------|----------------------|
|              | LOCATION NAME<br>↓                                  |                    |                 |                    |                      |                      |                      |
| 3369         | KYN Shi AT SOHIONG                                  | 7.0                | 1.8             | 7.0                | 12                   | 70                   | Satisfactory         |
| 3370         | KYN Shi AT NONGKHNUM                                | 6.9                | 1.0             | 7.9                | 17                   | 94                   | Satisfactory         |
| 3371         | KYN Shi AT RANIKOR                                  | 7.3                | 1.6             | 7.8                | 17                   | 49                   | Satisfactory         |
| 3372         | RILANG RIVER AT MAWKYRWAT                           | 6.9                | 1.0             | 8.0                | 12                   | 58                   | Satisfactory         |
| 3373         | WAHBLEI AT RIANGDO                                  | 7.3                | 1.2             | 7.5                | 12                   | 49                   | Satisfactory         |
| 3374         | WAHBLEI AT SHADDKHAR                                | 6.9                | 1.5             | 7.6                | 13                   | 70                   | Satisfactory         |
| 1631         | MYNTDU AT JOWAI                                     | 6.9                | 2.6             | 6.7                | 1100                 | 3500                 | Satisfactory         |
| 3379         | MYNTDU AT LESHKA                                    | 5.6                | 1.9             | 6.8                | 10                   | 52                   | Satisfactory         |
| 1459         | THADLASKEIN   | 7.4                | 1.8             | 6.9                | 14                   | 70                   | Satisfactory         |
| 1428         | KYRHUKHLA   | 3.2                | 3.8             | 6.6                | 9                    | 23                   | Not Satisfactory     |
| 3375         | LUNAR RIVER (TRIBUTARY OF LUKHA RIVER) AT MYNDIHATI | 3.1                | 4.5             | 6.0                | 2                    | 9                    | Not Satisfactory     |
| 3376         | LUKHA RIVER AT SUNAPUR                              | 7.3                | 2.1             | 6.3                | 34                   | 210                  | Satisfactory         |
| 3377         | MYNTANG RIVER AT NARTIANG                           | 7.3                | 1.2             | 7.9                | 23                   | 110                  | Satisfactory         |
| 3378         | MYNTANG RIVER AT MYNSO                              | 7.3                | 1.0             | 8.1                | 12                   | 70                   | Satisfactory         |
| 1632         | GANOL AT TURA                                       | 7.1                | 1.5             | 7.5                | 94                   | 540                  | Satisfactory         |
| 1633         | SIMSANG AT WILLIAMNAGAR                             | 7.2                | 1.2             | 7.9                | 58                   | 280                  | Satisfactory         |
| 3349         | TASEK LAKE AT SONGSAK                               | 7.1                | 1.5             | 7.0                | 21                   | 79                   | Satisfactory         |
| 3380         | DAMRING AT RESUBELPARA                              | 7.3                | 1.1             | 7.8                | 26                   | 140                  | Satisfactory         |
| 3381         | MANDA AT JAMPA                                      | 7.2                | 1.9             | 7.2                | 22                   | 110                  | Satisfactory         |
| 3382         | MANDA AT WAGAI SI                                   | 7.5                | 1.6             | 7.5                | 23                   | 130                  | Satisfactory         |
| 3383         | BUGI AT MEBANPARA                                   | 7.5                | 1.4             | 7.4                | 21                   | 94                   | Satisfactory         |
| 3384         | DALU  | 7.6                | 1.4             | 7.5                | 17                   | 49                   | Satisfactory         |