



CENTRAL LABORATORY

**Analysis Report of Sewage Treatment Plants (STP's) for the Month of December 2022**

| S.No. | Name of the Sewage Treatment Plant (With Capacity)   | Sampling Point |     |     |  |     |     |                |
|-------|--|----------------|-----|-----|--|-----|-----|----------------|
|       |  | Inlet of STP   |     |     | Outlet of STP  |     |     |                |
|       |  | pH             | BOD | TSS | pH   | BOD | TSS | Fecal Coliform |
| 1     | 1.080 MLD STP at Pokhri, Joshimath.<br>(Operated by: Uttarakhand Jal Sansthan)             | 6.77           | 115 | 105 | 7.30   | 7.6 | 08  | 70             |
| 2     | 0.760 MLD STP Near Alaknanda Ghat, Chamoli. (Operated by: Uttarakhand Jal Sansthan)        | 6.68           | 150 | 144 | 7.06   | 9.2 | 10  | 84             |
| 3     | 0.050 MLD STP Near old Suspension Bridge, Chamoli. (Operated by: Uttarakhand Jal Sansthan) | 6.61           | 140 | 132 | 7.19   | 9.6 | 10  | 94             |
| 4     | 1.190 MLD STP at Vivekanand Colony, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)     | 6.56           | 135 | 128 | 7.15   | 7.6 | 09  | 70             |
| 5     | 1.120 MLD STP at Baitarni, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)              | 6.53           | 120 | 114 | 6.94   | 8.8 | 10  | 84             |
| 6     | 1.25 MLD STP at Pokhri Band, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)            | 6.41           | 125 | 115 | 7.08   | 8.0 | 08  | 94             |
| 7     | 0.050 MLD STP at Sangam Road, Nandprayag. (Operated by: Uttarakhand Jal Sansthan)          | 7.02           | 125 | 118 | 7.38   | 8.8 | 08  | 94             |
| 8     | 0.100 MLD STP at Forest Office, Nandprayag (Operated by: Uttarakhand Jal Sansthan)         | 6.68           | 135 | 124 | STP found non operational. Untreated effluent was discharged into Nandakini River. |     |     |                |
| 9     | 0.050 MLD STP Near Police Chowki, Karanprayag. (Operated by: Uttarakhand Jal Sansthan)     | 6.31           | 125 | 118 | 6.98   | 8.4 | 09  | 84             |
| 10    | 0.100 MLD STP Near Purana Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)       | 6.52           | 150 | 145 | 6.93   | 9.6 | 10  | 63             |
| 11    | 0.100 MLD STP at Ward no. 1&3, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)        | 6.96           | 135 | 130 | 7.30   | 9.2 | 09  | 84             |
| 12    | 0.050 MLD STP at Subhash Nagar, Karanprayag. (Operated by: Uttarakhand Jal Sansthan)       | 6.60           | 130 | 126 | 7.09   | 8.0 | 08  | 70             |
| 13    | 0.050 MLD STP Near Naya Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)         | 6.47           | 140 | 146 | 7.19   | 9.6 | 10  | 94             |



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| S.No. | Name of the Sewage Treatment Plant (With Capacity)  | Sampling Point                                |     |     |               |      |     |                    |
|-------|---|---|-----|-----|---------------|------|-----|--------------------|
|       |   | Inlet of STP                                  |     |     | Outlet of STP |      |     |                    |
|       |   | pH  | BOD | TSS | pH            | BOD  | TSS | Fecal Coliform     |
| 14    | 0.075 MLD STP Near Anoop Negi School, Rudraprayag.<br>(Operated by: Uttarakhand Jal Sansthan)               | STP is not in operation due to damage of STP. |     |     |               |      |     |                    |
| 15    | 0.100 MLD STP, Near Rudra Complex, Rudraprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                  | 6.58  | 125 | 115 | 7.10          | 8.4  | 09  | 70                 |
| 16    | 0.075 MLD STP, Near Bus Stand, Rudraprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                      | 6.87  | 110 | 103 | 7.20          | 8.0  | 07  | 63                 |
| 17    | 0.100MLD STP, Near SBI &Maszid, Rudraprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                     | 6.71  | 125 | 115 | 7.16          | 8.4  | 08  | 70                 |
| 18    | 0.125 MLD STP, Near Steel Bridge & Syndicate Bank, Rudraprayag .<br>(Operated by: Uttarakhand Jal Sansthan) | 6.63  | 115 | 112 | 7.05          | 8.8  | 09  | 130                |
| 19    | 0.050 MLD STP at Beleni Road, Near Steel Bridge, Rudraprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)    | 6.64  | 140 | 134 | 7.27          | 9.6  | 10  | 28×10 <sup>2</sup> |
| 20    | 3.5 MLD STP at Nursary Road, Srinagar.<br>(Operated by: Uttarakhand Peyjal Nigam)                           | 7.40  | 190 | 185 | 8.47          | 10.0 | 11  | 84                 |
| 21    | 1.0 MLD STP, Near ITI, Srinagar.<br>(Operated by: Uttarakhand Jal Sansthan)                                 | 6.90  | 170 | 164 | 7.19          | 9.6  | 10  | 220                |
| 22    | 0.075 MLD STP Near Junior High School, Srikot, Srinagar<br>(Operated by: Uttarakhand Peyjal Nigam)          | 7.10  | 125 | 120 | 7.44          | 8.4  | 09  | 70                 |
| 23    | 0.050 MLD STP Near Tauliya Nala, Srikot, Srinagar.<br>(Operated by: Uttarakhand Peyjal Nigam)               | 7.01  | 130 | 126 | 8.32          | 8.8  | 10  | 430                |
| 24    | 0.050 MLD STP, Near BRO Bridge, Kirtinagar.<br>(Operated by: Uttarakhand Jal Sansthan)                      | 6.52  | 145 | 150 | 6.99          | 9.6  | 10  | 21×10 <sup>2</sup> |
| 25    | 0.010 MLD STP, Near Temple, Kirtinagar.<br>(Operated by: Uttarakhand Jal Sansthan)                          | 6.20  | 140 | 134 | 8.49          | 9.2  | 09  | 220                |
| 26    | 0.075 MLD STP at Devprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                                      | 6.88  | 165 | 160 | 7.50          | 10.0 | 11  | 350                |
| 27    | 0.150 MLD MLD STP at Devprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                                  | 7.02  | 170 | 164 | 7.35          | 9.6  | 10  | 280                |
| 28    | 1.4 MLD STP at Pauri Road, Devprayag.<br>(Operated by: Uttarakhand Jal Sansthan)                            | 6.65  | 165 | 154 | 7.17          | 9.2  | 09  | 540                |



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|-------|---|----------------|-----|-----|---------------|------|-----|----------------|
|       |   | Inlet of STP   |     |     | Outlet of STP |      |     |                |
|       |   | pH             | BOD | TSS | pH            | BOD  | TSS | Fecal Coliform |
| 29    | 5.0 MLD STP at Bhagirathi Puram, Tehri.<br>(Operated by: Uttarakhand Jal Sansthan)      | 6.79           | 170 | 160 | 7.64          | 9.2  | 10  | 84             |
| 30    | 2.0 MLD STP at Gyansu, Uttarkashi.<br>(Operated by: Uttarakhand Jal Sansthan)           | 6.48           | 180 | 190 | 6.94          | 9.6  | 11  | 430            |
| 31    | 3.5 MLD STP at Tapovan, Rishikesh.<br>(Operated by: Uttarakhand Jal Sansthan)           | 6.86           | 170 | 178 | 7.54          | 9.2  | 10  | 920            |
| 32    | 3.0 MLD STP at Swargashram, Rishikesh.<br>(Operated by: Uttarakhand Jal Sansthan)       | 7.19           | 175 | 171 | 8.21          | 9.6  | 11  | 220            |
| 33    | 26 MLD STP at Lakkarghat, Rishikesh.<br>(Operated by: Uttarakhand Peyjal Nigam)         | 7.16           | 165 | 155 | 7.37          | 8.8  | 08  | 84             |
| 34    | 5.0 MLD STP at Chorpani, Rishikesh<br>(Operated by: Uttarakhand Peyjal Nigam)           | 6.90           | 170 | 160 | 7.22          | 9.2  | 09  | 94             |
| 35    | 7.5 MLD STP at Chandreshwar Nagar, Rishikesh<br>(Operated by: Uttarakhand Peyjal Nigam) | 7.10           | 155 | 148 | 7.48          | 9.6  | 10  | 110            |
| 36    | 20 MLD STP at Motharawala-I, Dehradun<br>(Operated by: Uttarakhand Jal Sansthan)        | 7.03           | 125 | 128 | 7.52          | 6.4  | 07  | 170            |
| 37    | 20 MLD STP at Motharawala-II, Dehradun<br>(Operated by: Uttarakhand Jal Sansthan)       | 6.50           | 120 | 116 | 7.46          | 7.2  | 08  | 84             |
| 38    | 68 MLD STP at Kargi, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)               | 6.72           | 130 | 122 | 7.70          | 6.8  | 08  | 110            |
| 39    | 0.42 MLD STP at Vijay Colony, Dehradun<br>(Operated by: Uttarakhand Jal Sansthan)       | 6.93           | 140 | 136 | 7.57          | 10.0 | 12  | 210            |
| 40    | 0.71 MLD STP Salawala, Dehradun<br>(Operated by: Uttarakhand Jal Sansthan)              | 6.80           | 160 | 152 | 7.60          | 7.2  | 09  | 280            |
| 41    | 5.0 MLD STP at Indira Nagar, Dehradun<br>(Operated by: Uttarakhand Jal Sansthan)        | 7.20           | 120 | 124 | 7.62          | 7.6  | 09  | 130            |
| 42    | 1.0 MLD STP at Jakhan, Dehradun<br>(Operated by: Uttarakhand Jal Sansthan)              | 7.30           | 125 | 130 | 7.68          | 6.8  | 08  | 41             |
| 43    | 27 MLD STP at Jagjeetpur, Haridwar<br>(Operated by: Uttarakhand Jal Sansthan)           | 7.60           | 165 | 145 | 7.10          | 10.0 | 08  | 94             |



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|-------|---|----------------|-----|-----|---------------|------|-----|----------------|
|       |   | Inlet of STP   |     |     | Outlet of STP |      |     |                |
|       |   | pH             | BOD | TSS | pH            | BOD  | TSS | Fecal Coliform |
| 44    | 18 MLD STP at Jagjeetpur, Haridwar (Operated by: Uttarakhand Jal Sansthan)          | 7.40           | 195 | 120 | 7.50          | 8.8  | 10  | 63             |
| 45    | 68 MLD STP at Jagjeetpur, Haridwar (Operated by: Uttarakhand Peyjal Nigam)          | 7.20           | 185 | 160 | 7.40          | 8.0  | 08  | 58             |
| 46    | 18 MLD STP at Sarai, Haridwar (Operated by: Uttarakhand Jal Sansthan)               | 7.70           | 165 | 125 | 7.20          | 8.8  | 06  | 63             |
| 47    | 14 MLD STP at Sarai, Haridwar (Operated by: Uttarakhand Peyjal Nigam)               | 7.10           | 160 | 155 | 7.40          | 6.0  | 09  | 70             |
| 48    | 33 MLD STP at Saliyar, Roorkee, Haridwar (Operated by: Uttarakhand Jal Sansthan)    | 7.60           | 160 | 122 | 7.20          | 68   | 82  | >1600          |
| 49    | 1.3 MLD STP at Landour (S), Mussoorie (Operated by: Uttarakhand Jal Sansthan)       | 7.45           | 160 | 150 | 8.04          | 9.2  | 10  | 350            |
| 50    | 3.12 MLD STP at Bhatta fall, Mussoorie (Operated by: Uttarakhand Jal Sansthan)      | 6.74           | 150 | 140 | 7.58          | 9.6  | 09  | 79             |
| 51    | 0.8 MLD STP at Landour (N), Mussoorie (Operated by: Uttarakhand Jal Sansthan)       | 7.30           | 180 | 170 | 8.50          | 10.0 | 10  | 110            |
| 52    | 1.2 MLD STP at Happy Valley, Mussoorie (Operated by: Uttarakhand Jal Sansthan)      | 6.56           | 175 | 166 | 8.70          | 9.6  | 11  | 84             |
| 53    | 0.9 MLD STP at Kurli Bazaar, Mussoorie (Operated by: Uttarakhand Jal Sansthan)      | 6.93           | 170 | 158 | 7.61          | 9.6  | 09  | 70             |
| 54    | 2.0 MLD STP Bakh, Almora, Distt- Almora (Operated by: Uttarakhand Jal Sansthan)     | 6.75           | 180 | 231 | 7.91          | 28   | 37  | 430            |
| 55    | 0.45 MLD STP at Hari Nagar, Distt- Nainital (Operated by: Uttarakhand Jal Sansthan) | 6.81           | 140 | 188 | 7.94          | 22   | 28  | 280            |
| 56    | 0.80 MLD STP at Krishnapur, Distt- Nainital (Operated by: Uttarakhand Jal Sansthan) | 6.52           | 120 | 153 | 7.56          | 18   | 23  | 220            |
| 57    | 1.25 MLD STP at Bheemtal, Distt- Nainital (Operated by: Uttarakhand Jal Sansthan)   | 6.31           | 220 | 275 | 7.79          | 27   | 33  | 280            |
| 58    | 5.0 MLD STP at Aincholi, Distt- Pithoragarh (Operated by: Uttarakhand Peyjal Nigam) | 6.92           | 120 | 159 | 8.13          | 18   | 23  | 240            |



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| S.No.   | Name of the Sewage Treatment Plant (With Capacity )   | Sampling Point |     |     |                |           |                |                 |
|---|---|----------------|-----|-----|----------------|-----------|----------------|-----------------|
|   |   | Inlet of STP   |     |     | Outlet of STP  |           |                |                 |
|   |   | pH             | BOD | TSS | pH             | BOD       | TSS            | Fecal Coliform  |
| 59  | 1.25 MLD STP at Nirada, Distt-Pithoragarh<br>(Operated by: Uttarakhand Peyjal Nigam)              | 6.48           | 160 | 198 | 7.27           | 24        | 31             | 280             |
| 60  | 1.5 MLD STP at Puchdi, Ramnagar, Nainital<br>(Operated by: Uttarakhand Jal Sansthan)              | 7.18           | 80  | 103 | 7.96           | 08        | 10             | 170             |
| 61  | 7.0 MLD STP Transport Nagar, Ramnagar, Distt-Nainital.<br>(Operated by: Uttarakhand Jal Sansthan) | 6.91           | 160 | 197 | 7.38           | 14        | 18             | 350             |
| 62  | 0.45 MLD STP Narayan Nagar , Distt- Nainital .<br>(Operated by: Uttarakhand Jal Sansthan)         | 6.88           | 140 | 174 | 7.62           | 20        | 24             | 210             |
| <b>Sewage Treatment final effluent standards (As Notified by MoEF&amp;CC)</b>   |   |                |     |     | <b>6.5-9.0</b> | <b>30</b> | <b>&lt;100</b> | <b>&lt;1000</b> |
| <b>Note: All values are in mg/l except pH, Fecal coliform (MPN Per 100 ml).</b> |   |                |     |     |                |           |                |                 |

\* The Monitoring of 04 STP's (Badrinath-03 (District-Chamoli)& Gangotri-01 (District-Uttarkashi) not performed because of seasonal closure .