



CENTRAL LABORATORY

Analysis Report of Sewage Treatment Plants (STPs) for the Month of December 2024

| S.No. | Name of the Sewage Treatment Plant (With Capacity) | Sampling Point | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------|-----|-----|---------------|------|-----|-----|----------------|
| | | Inlet of STP | | | Outlet of STP | | | | |
| | | pH | BOD | TSS | pH | BOD | TSS | COD | Fecal Coliform |
| District - Chamoli | | | | | | | | | |
| 1 | 2.70 MLD STP at Marwari, Joshimath. (Operated by: Uttarakhand Peyjal Nigam) | 7.26 | 75 | 70 | 7.73 | 8.8 | 10 | 30 | 140 |
| STP found operational but insufficient sewage/effluent was reaching to the plant. (Date of Inspection: 10-12-2024). | | | | | | | | | |
| 2 | 1.080 MLD STP at Pokhri, Joshimath. (Operated by: Uttarakhand Jal Sansthan) | 7.11 | 100 | 105 | 7.80 | 9.6 | 11 | 40 | 210 |
| STP found operational but insufficient sewage/effluent was reaching to the plant. (Date of Inspection: 10-12-2024). | | | | | | | | | |
| 3 | 0.760 MLD STP Near Alaknanda Ghat, Chamoli. (Operated by: Uttarakhand Jal Sansthan) | 6.76 | 160 | 165 | 7.40 | 10.8 | 13 | 50 | 350 |
| 4 | 0.050 MLD STP Near old Suspension Bridge, Chamoli. (Operated by: Uttarakhand Jal Sansthan) | 6.87 | 145 | 149 | 7.23 | 10.4 | 11 | 50 | 540 |
| 5 | 1.190 MLD STP at Vivekanand Colony, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan) | 7.13 | 150 | 155 | 7.69 | 10.0 | 12 | 50 | 170 |
| 6 | 1.120 MLD STP at Baitami, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan) | 6.93 | 145 | 150 | 7.48 | 9.2 | 10 | 40 | 210 |
| 7 | 1.25 MLD STP at Pokhri Band, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan) | 7.19 | 150 | 155 | 7.94 | 9.6 | 12 | 40 | 170 |
| 8 | 0.050 MLD STP at Sangam Road, Nandprayag. (Operated by: Uttarakhand Jal Sansthan) | 7.10 | 120 | 117 | 7.66 | 8.8 | 9 | 30 | 130 |
| 9 | 0.100 MLD STP at Forest Office, Nandprayag. (Operated by: Uttarakhand Jal Sansthan) | 7.21 | 110 | 108 | 7.73 | 9.6 | 10 | 40 | 170 |
| 10 | 0.050 MLD STP Near Police Chowki, Karanprayag. (Operated by: Uttarakhand Jal Sansthan) | 7.24 | 100 | 97 | 7.81 | 9.6 | 10 | 40 | 210 |
| 11 | 0.100 MLD STP Near Purana Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.86 | 160 | 165 | 7.37 | 10.0 | 12 | 50 | 220 |
| 12 | 0.100 MLD STP at Ward no. 1&3, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam) | 7.30 | 110 | 114 | 7.76 | 10.0 | 11 | 50 | 210 |
| 13 | 0.050 MLD STP at Subhash Nagar, Karanprayag. (Operated by: Uttarakhand Jal Sansthan) | 7.15 | 115 | 113 | 7.53 | 9.2 | 10 | 40 | 170 |



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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 | COD | Fecal Coliform |
| 14 | 0.050 MLD STP Near Naya Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.95 | 140 | 144 | 7.60 | 9.6 | 11 | 40 | 140 |
| District - Rudraprayag | | | | | | | | | |
| 15 | 0.075 MLD STP Near Anoop Negi School, Rudraprayag. (Operated by: Uttarakhand Jal Sansthan) | STP is not in operation due to Damage of STP. | | | | | | | |
| 16 | 0.100 MLD STP, Near Rudra Complex, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam) | 7.08 | 120 | 118 | 7.41 | 10.0 | 11 | 50 | 170 |
| 17 | 0.075 MLD STP, Near Bus Stand, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.89 | 105 | 102 | 7.53 | 9.6 | 11 | 40 | 220 |
| 18 | 0.100 MLD STP, Near SBI Bank, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.93 | 115 | 120 | 7.84 | 9.2 | 10 | 40 | 150 |
| 19 | 0.125 MLD STP, Near Steel Bridge & Syndicate Bank, Rudraprayag. (Operated by: Uttarakhand Jal Sansthan) | 6.98 | 110 | 108 | 7.75 | 10.0 | 11 | 50 | 130 |
| 20 | 0.050 MLD STP at Beleni Road, Near Steel Bridge, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam) | 7.13 | 120 | 122 | 7.68 | 9.6 | 10 | 50 | 220 |
| District – Pauri Garhwal | | | | | | | | | |
| 21 | 0.075 MLD STP Near Junior High School, Srikot, Srinagar. (Operated by: Uttarakhand Peyjal Nigam) | 7.05 | 100 | 97 | 7.73 | 8.8 | 9 | 30 | 110 |
| | | | | | STP was operational but due to overflow untreated effluent was found discharging into Alaknanda River. (Date of Inspection: 17-12-2024). | | | | |
| 22 | 0.050 MLD STP Near Tauliya Nala, Srikot, Srinagar. (Operated by: Uttarakhand Peyjal Nigam) | 7.22 | 95 | 91 | 7.86 | 8.0 | 8 | 30 | 130 |
| 23 | 3.5 MLD STP at Nursary Road, Srinagar. (Operated by: Uttarakhand Peyjal Nigam) | 6.86 | 195 | 201 | 7.92 | 10.0 | 13 | 50 | 170 |
| 24 | 1.0 MLD STP, Near ITI, Srinagar. (Operated by: Uttarakhand Jal Sansthan) | 6.90 | 185 | 189 | 7.62 | 9.2 | 11 | 40 | 140 |
| 25 | 3.0 MLD STP at Swargashram, Rishikesh. (Operated by: Uttarakhand Jal Sansthan) | 6.95 | 210 | 217 | 7.70 | 9.6 | 11 | 50 | 170 |



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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 | COD | Fecal Coliform |
| District – Tehri Garhwal | | | | | | | | | |
| 26 | 0.050 MLD STP, Near BRO Bridge, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan) | 6.67 | 150 | 155 | 7.14 | 11.2 | 14 | 50 | 540 |
| 27 | 0.010 MLD STP, Near Temple, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan) | 6.94 | 145 | 149 | 7.37 | 12.0 | 16 | 60 | 920 |
| 28 | 0.075 MLD STP at Devprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.80 | 150 | 154 | 7.51 | 9.2 | 10 | 40 | 170 |
| 29 | 0.150 MLD STP at Devprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.64 | 160 | 165 | 7.85 | 9.6 | 11 | 50 | 220 |
| 30 | 1.4 MLD STP at Pauri Road, Devprayag. (Operated by: Uttarakhand Jal Sansthan) | 7.11 | 140 | 144 | 7.29 | 26.0 | 32 | 90 | 1600 |
| 31 | 5.0 MLD STP at Bhagirathi Puram, Tehri. (Operated by: Uttarakhand Jal Sansthan) | 6.93 | 175 | 180 | 7.40 | 23.0 | 27 | 80 | 1600 |
| 32 | 5.0 MLD STP at Chorpani, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam) | 7.10 | 175 | 179 | 7.74 | 9.2 | 10 | 40 | 94 |
| 33 | 7.5 MLD STP at Chandreshwar Nagar, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam) | 6.99 | 130 | 135 | 7.46 | 8.8 | 10 | 30 | 84 |
| 34 | 3.5 MLD STP at Tapovan, Rishikesh. (Operated by: Uttarakhand Jal Sansthan) | 6.80 | 190 | 195 | 7.63 | 9.6 | 11 | 50 | 110 |
| District - Uttarkashi | | | | | | | | | |
| 35 | 2.0 MLD STP at Gyansu, Uttarkashi. (Operated by: Uttarakhand Jal Sansthan) | 7.12 | 185 | 191 | 7.96 | 8.8 | 10 | 30 | 94 |
| District - Dehradun | | | | | | | | | |
| 36 | 26 MLD STP at Lakkarghat, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam) | 7.19 | 170 | 176 | 7.78 | 10.0 | 13 | 50 | 220 |
| 37 | 20 MLD STP at Motharawala-I, Dehradun. (Operated by: Uttarakhand Jal Sansthan) | 7.22 | 160 | 165 | 7.69 | 9.2 | 10 | 40 | 140 |
| 38 | 20 MLD STP at Motharawala-II, Dehradun. (Operated by: Uttarakhand Jal Sansthan) | 7.30 | 155 | 162 | 7.85 | 10.0 | 12 | 50 | 110 |
| 39 | 68 MLD STP at Kargi, Dehradun. (Operated by: Uttarakhand) | 7.11 | 180 | 186 | 7.93 | 10.0 | 13 | 50 | 220 |



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| 53 | Haridwar. (Operated by: Uttarakhand Peyjal Nigam) | 6.98 | 195 | 180 | 7.29 | 10.0 | 9 | 50 | 140 |
| S.No. | Name of the Sewage Treatment Plant (With Capacity) | Sampling Point | | | | | | | |
| | | Inlet of STP | | | Outlet of STP | | | | |
| | | pH | BOD | TSS | pH | BOD | TSS | COD | Fecal Coliform |
| 54 | 33 MLD STP at Saliyar, Roorkee, Haridwar. (Operated by: Uttarakhand Jal Sansthan) | 7.01 | 195 | 180 | 7.19 | 10.0 | 8 | 40 | 170 |
| District - Nainital | | | | | | | | | |
| 55 | 0.45 MLD STP at Hari Nagar, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan) | 6.57 | 195 | 244 | 7.56 | 20.0 | 26 | 70 | 110 |
| 56 | 0.80 MLD STP at Krishnapur, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan) | 6.81 | 220 | 268 | 7.27 | 26.0 | 32 | 90 | 140 |
| 57 | 1.25 MLD STP at Bheemtal, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan) | 6.18 | 200 | 256 | 7.89 | 26.0 | 34 | 90 | 130 |
| 58 | 1.5 MLD STP at Puchdi, Ramnagar, Nainital. (Operated by: Uttarakhand Peyjal Nigam) | 6.95 | 155 | 194 | 7.37 | 10.0 | 12 | 40 | 94 |
| 59 | 7.0 MLD STP Transport Nagar, Ramnagar, Distt-Nainital. (Operated by: Uttarakhand Peyjal Nigam) | 6.68 | 200 | 240 | 7.60 | 14.0 | 17 | 50 | 170 |
| 60 | 0.45 MLD STP Narayan Nagar, Distt- Nainital . (Operated by: Uttarakhand Jal Sansthan) | 6.25 | 220 | 282 | 7.11 | 18.0 | 24 | 70 | 210 |
| 61 | 28 MLD STP, Indra Nagar, Haldwani Distt- Nainital . (Operated by: Uttarakhand Peyjal Nigam) | 6.97 | 175 | 214 | 7.35 | 10.0 | 11 | 40 | 220 |
| 62 | 10 MLD STP Rusi Pond , District-Nainital. | New Sewage Treatment Plant (STP) of 17.5 MLD capacity is under construction. | | | | | | | |
| District - Pithoragarh | | | | | | | | | |
| 63 | 1.25 MLD STP at Nirada, Distt-Pithoragarh. (Operated by: Uttarakhand Peyjal Nigam) | 7.05 | 160 | 198 | 7.49 | 18.0 | 23 | 70 | 170 |
| 64 | 5.0 MLD STP at Aincholi, Distt-Pithoragarh. (Operated by: | 6.73 | 180 | 236 | 7.68 | 16.0 | 20 | 60 | 140 |



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| Uttarakhand Peyjal Nigam) | | | | | | | | | |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------|-----|-----|----------------|-----------|----------------|-----------|-----------------|
| S.No. | Name of the Sewage Treatment Plant (With Capacity) | Sampling Point | | | | | | | |
| | | Inlet of STP | | | Outlet of STP | | | | |
| | | pH | BOD | TSS | pH | BOD | TSS | COD | Fecal Coliform |
| District - Almora | | | | | | | | | |
| 65 | 2.0 MLD STP Bakh, Almora, Distt-Almora. (Operated by: Uttarakhand Jal Sansthan) | 6.33 | 210 | 260 | 7.75 | 22.0 | 27 | 80 | 430 |
| Sewage Treatment final effluent standards (As Notified by MoEF&CC). | | | | | 6.5-9.0 | 30 | <100 | — | <1000 |
| Sewage Treatment final effluent standards (As per NGT). | | | | | 5.5-9.0 | 10 | 20 | 50 | 230 |
| Note: All values are in mg/l except pH, Fecal coliform (MPN Per 100 ml). | | | | | | | | | |

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

NOTE: From Serial No. 1 to 48 All the parameters are tested/analyzed by Central Laboratory, Dehradun while from Serial no. 49 to 65 all the parameters are tested/analyzed by Regional offices laboratories except Microbiological Parameter (Fecal Coliform) which is tested/analyzed by Central Laboratory, Dehradun.