



CENTRAL LABORATORY

Analysis Report of Sewage Treatment Plants (STP's) for the Month of June 2023

| 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 | 0.010 MLD STP Near Temple at Badrinath. (Operated by: Uttarakhand Jal Sansthan) | As the area around the STP comes under Master Plan so the demolition of structure work around the STP was in progress and the STP was non-operation due to the same reason. (Date of inspection: 21-06-2023). | | | | | | |
| 2 | 0.26 MLD STP Near Bamni Gaon, Badrinath. (Operated by: Uttarakhand Jal Sansthan) | 6.80 | 175 | 180 | 7.40 | 8.8 | 10 | 540 |
| 3 | 1.0 MLD STP Near Suspension Bridge, Badrinath. (Operated by: Uttarakhand Jal Sansthan) | 6.90 | 190 | 196 | 8.87 | 9.6 | 12 | 350 |
| 4 | 2.70 MLD STP at Marwari, Joshimath. (Operated by: Uttarakhand Peyjal Nigam) | 7.80 | 105 | 109 | 8.03 | 8.0 | 09 | 170 |
| 5 | 1.080 MLD STP at Pokhri, Joshimath. (Operated by: Uttarakhand Jal Sansthan) | STP found Non-Operational at the time of inspection as no effluent was reaching to the plant. (Date of Inspection: 21-06-2023). | | | | | | |
| 6 | 0.760 MLD STP Near Alaknanda Ghat, Chamoli. (Operated by: Uttarakhand Jal Sansthan) | 7.10 | 175 | 172 | 7.60 | 8.8 | 09 | 170 |
| 7 | 0.050 MLD STP Near old Suspension Bridge, Chamoli. (Operated by: Uttarakhand Jal Sansthan) | 7.30 | 170 | 168 | 7.49 | 9.6 | 11 | 1600 |
| 8 | 1.190 MLD STP at Vivekanand Colony, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan) | 7.30 | 160 | 157 | 7.43 | 8.0 | 09 | 220 |
| 9 | 1.120 MLD STP at Baitarni, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan) | 6.90 | 150 | 148 | 7.47 | 8.8 | 10 | 350 |
| 10 | 1.25 MLD STP at Pokhri Band, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan) | 7.50 | 150 | 145 | 8.40 | 8.4 | 09 | 920 |
| 11 | 0.050 MLD STP at Sangam Road, Nandprayag. (Operated by: Uttarakhand Jal Sansthan) | 7.20 | 145 | 141 | 7.35 | 9.2 | 09 | 210 |
| 12 | 0.100 MLD STP at Forest Office, Nandprayag (Operated by: Uttarakhand Jal Sansthan) | 7.60 | 140 | 138 | 7.70 | 9.6 | 11 | 280 |
| 13 | 0.050 MLD STP Near Police Chowki, Karanprayag. (Operated by: Uttarakhand Jal Sansthan) | 7.30 | 135 | 132 | 7.48 | 8.8 | 10 | 170 |
| 14 | 0.100 MLD STP Near Purana Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.60 | 170 | 166 | 6.95 | 10 | 12 | 1600 |



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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 |
| 15 | 0.100 MLD STP at Ward no. 1&3, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam) | 7.90 | 155 | 153 | 8.80 | 9.6 | 11 | 430 |
| 16 | 0.050 MLD STP at Subhash Nagar, Karanprayag. (Operated by: Uttarakhand Jal Sansthan) | 7.22 | 140 | 136 | 7.39 | 8.0 | 09 | 140 |
| 17 | 0.050 MLD STP Near Naya Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam) | 7.40 | 160 | 158 | 7.60 | 9.2 | 10 | 350 |
| 18 | 0.075 MLD STP Near Anoop Negi School, Rudraprayag. (Operated by: Uttarakhand Jal Sansthan) | STP is not in operation due to damage of STP. | | | | | | |
| 19 | 0.100 MLD STP, Near Rudra Complex, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.40 | 135 | 131 | 7.03 | 8.4 | 09 | 210 |
| 20 | 0.075 MLD STP, Near Bus Stand, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.80 | 120 | 115 | 7.40 | 8.0 | 08 | 540 |
| 21 | 0.100MLD STP, Near SBI &Maszid, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam) | 7.01 | 150 | 148 | 7.20 | 10 | 12 | 920 |
| 22 | 0.125 MLD STP, Near Steel Bridge & Syndicate Bank, Rudraprayag . (Operated by: Uttarakhand Jal Sansthan) | 6.70 | 135 | 133 | 6.98 | 9.6 | 10 | 430 |
| 23 | 0.050 MLD STP at Beleni Road, Near Steel Bridge, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.15 | 165 | 163 | 6.80 | 10 | 12 | 16×10 ³ |
| 24 | 3.5 MLD STP at Nursary Road, Srinagar. (Operated by: Uttarakhand Peyjal Nigam) | 6.95 | 215 | 219 | 7.30 | 10 | 13 | 22×10 ² |
| 25 | 1.0 MLD STP, Near ITI, Srinagar. (Operated by: Uttarakhand Jal Sansthan) | 6.90 | 200 | 197 | 7.12 | 9.2 | 10 | 170 |
| 26 | 0.075 MLD STP Near Junior High School, Srikot, Srinagar. (Operated by: Uttarakhand Peyjal Nigam) | 6.20 | 125 | 122 | 6.90 | 8.8 | 10 | 130 |
| 27 | 0.050 MLD STP Near Tauliya Nala, Srikot, Srinagar. (Operated by: Uttarakhand Peyjal Nigam) | 7.05 | 130 | 125 | 7.28 | 8.4 | 09 | 150 |
| 28 | 0.050 MLD STP, Near BRO Bridge, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan) | 6.59 | 165 | 168 | 6.90 | 9.2 | 11 | 540 |
| 29 | 0.010 MLD STP, Near Temple, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan) | 6.70 | 155 | 160 | 6.96 | 10 | 13 | 28×10 ³ |



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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 |
| 30 | 0.075 MLD STP at Devprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.40 | 185 | 181 | 7.10 | 8.8 | 09 | 150 |
| 31 | 0.150 MLD MLD STP at Devprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.60 | 195 | 192 | 7.01 | 9.6 | 10 | 350 |
| 32 | 1.4 MLD STP at Pauri Road, Devprayag. (Operated by: Uttarakhand Jal Sansthan) | 6.90 | 170 | 166 | 7.20 | 9.2 | 09 | 280 |
| 33 | 5.0 MLD STP at Bhagirathi Puram, Tehri. (Operated by: Uttarakhand Jal Sansthan) | 7.10 | 180 | 184 | 7.30 | 9.2 | 10 | 280 |
| 34 | 2.0 MLD STP at Gyansu, Uttarkashi. (Operated by: Uttarakhand Jal Sansthan) | 7.10 | 215 | 218 | 8.40 | 9.2 | 12 | 170 |
| 35 | 1.0 MLD STP at Gangotri, Distt- Uttarkashi. (Operated by: Uttarakhand Jal Sansthan) | 6.50 | 145 | 141 | 7.40 | 8.4 | 09 | 920 |
| 36 | 3.5 MLD STP at Tapovan, Rishikesh. (Operated by: Uttarakhand Jal Sansthan) | 7.10 | 195 | 199 | 7.40 | 10 | 12 | 210 |
| 37 | 3.0 MLD STP at Swargashram, Rishikesh. (Operated by: Uttarakhand Jal Sansthan) | 6.80 | 205 | 208 | 7.50 | 9.2 | 10 | 120 |
| 38 | 26 MLD STP at Lakkarghat, Rishikesh.(Operated by: Uttarakhand Peyjal Nigam) | 7.60 | 175 | 171 | 7.90 | 8.8 | 09 | 84 |
| 39 | 5.0 MLD STP at Chorpani, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam) | Plant found operational but Untreated/Raw effluent was coming in large volume so Raw effluent was found overflowing both inside and outside of the plant. (Date of inspection: 15-06-2023). | | | | | | |
| 40 | 7.5 MLD STP at Chandreshwar Nagar, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam) | 7.70 | 175 | 171 | 8.05 | 8.8 | 09 | 84 |
| 41 | 20 MLD STP at Motharawala-I, Dehradun. (Operated by: Uttarakhand Jal Sansthan) | 7.20 | 155 | 158 | 8.00 | 8.8 | 10 | 170 |
| 42 | 20 MLD STP at Motharawala-II, Dehradun. (Operated by: Uttarakhand Jal Sansthan) | 7.00 | 150 | 152 | 7.60 | 8.4 | 09 | 150 |
| 43 | 68 MLD STP at Kargi, Dehradun. (Operated by: Uttarakhand Jal Sansthan) | 6.90 | 165 | 161 | 7.40 | 8.8 | 10 | 110 |
| 44 | 0.42 MLD STP at Vijay Colony, Dehradun.(Operated by: Uttarakhand Jal Sansthan) | 6.80 | 170 | 168 | 8.10 | 9.6 | 11 | 94 |
| 45 | 0.71 MLD STP Salawala, Dehradun. (Operated by: Uttarakhand Jal Sansthan) | 7.05 | 175 | 170 | 7.70 | 8.8 | 10 | 84 |
| 46 | 5.0 MLD STP at Indira Nagar, Dehradun. (Operated by: Uttarakhand Jal Sansthan) | 7.10 | 165 | 169 | 7.90 | 9.6 | 12 | 130 |



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|-------|--|----------------|-----|-----|---------------|-----|-----|----------------|
| | | Inlet of STP | | | Outlet of STP | | | |
| | | pH | BOD | TSS | pH | BOD | TSS | Fecal Coliform |
| 47 | 1.0 MLD STP at Jakhan, Dehradun. (Operated by: Uttarakhand Jal Sansthan) | 7.10 | 160 | 162 | 7.80 | 8.4 | 10 | 79 |
| 48 | 27 MLD STP at Jagjeetpur, Haridwar. (Operated by: Uttarakhand Jal Sansthan) | 7.22 | 165 | 160 | 7.49 | 10 | 09 | 94 |
| 49 | 18 MLD STP at Jagjeetpur, Haridwar. (Operated by: Uttarakhand Jal Sansthan) | 7.12 | 190 | 120 | 7.28 | 8.4 | 09 | 84 |
| 50 | 68 MLD STP at Jagjeetpur, Haridwar. (Operated by: Uttarakhand Peyjal Nigam) | 7.33 | 175 | 145 | 7.63 | 8.0 | 06 | 79 |
| 51 | 18 MLD STP at Sarai, Haridwar. (Operated by: Uttarakhand Jal Sansthan) | 7.16 | 180 | 146 | 7.42 | 8.8 | 07 | 84 |
| 52 | 14 MLD STP at Sarai, Haridwar. (Operated by: Uttarakhand Peyjal Nigam) | 7.38 | 195 | 150 | 7.81 | 9.2 | 09 | 94 |
| 53 | 33 MLD STP at Saliyar, Roorkee, Haridwar. (Operated by: Uttarakhand Jal Sansthan) | 7.53 | 275 | 250 | 7.81 | 40 | 62 | 920 |
| 54 | 1.3 MLD STP at Landour (S), Mussoorie. (Operated by: Uttarakhand Jal Sansthan) | 6.90 | 170 | 166 | 8.01 | 8.4 | 09 | 170 |
| 55 | 3.12 MLD STP at Bhatta fall, Mussoorie. (Operated by: Uttarakhand Jal Sansthan) | 7.20 | 160 | 155 | 7.50 | 9.2 | 10 | 84 |
| 56 | 0.8 MLD STP at Landour (N), Mussoorie. (Operated by: Uttarakhand Jal Sansthan) | 7.60 | 180 | 175 | 7.90 | 8.4 | 09 | 220 |
| 57 | 1.2 MLD STP at Happy Valley, Mussoorie. (Operated by: Uttarakhand Jal Sansthan) | 7.01 | 190 | 192 | 7.40 | 9.2 | 11 | 140 |
| 58 | 0.9 MLD STP at Kurli Bazaar, Mussoorie. (Operated by: Uttarakhand Jal Sansthan) | 6.80 | 195 | 193 | 7.30 | 10 | 12 | 280 |
| 59 | 2.0 MLD STP Bakh, Almora, Distt-Almora. (Operated by: Uttarakhand Jal Sansthan) | 7.16 | 220 | 275 | 7.82 | 24 | 30 | 170 |
| 60 | 0.45 MLD STP at Hari Nagar, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan) | 6.95 | 252 | 308 | 7.74 | 20 | 25 | 170 |
| 61 | 0.80 MLD STP at Krishnapur, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan) | 6.41 | 306 | 373 | 7.25 | 24 | 29 | 350 |
| 62 | 1.25 MLD STP at Bheemtal, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan) | 6.29 | 280 | 362 | 7.12 | 30 | 38 | 430 |
| 63 | 1.25 MLD STP at Nirada, Distt-Pithoragarh. (Operated by: Uttarakhand Peyjal Nigam) | 7.28 | 160 | 198 | 7.50 | 22 | 27 | 220 |



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|---|--|----------------|-----|-----|----------------|-----------|----------------|-----------------|
| | | Inlet of STP | | | Outlet of STP | | | |
| | | pH | BOD | TSS | pH | BOD | TSS | Fecal Coliform |
| 64 | 5.0 MLD STP at Aincholi, Distt-Pithoragarh. (Operated by: Uttarakhand Peyjal Nigam) | 6.90 | 255 | 314 | 7.33 | 14 | 17 | 280 |
| 65 | 1.5 MLD STP at Puchdi, Ramnagar, Nainital. (Operated by: Uttarakhand Jal Sansthan) | 7.34 | 108 | 131 | 7.61 | 8.0 | 10 | 79 |
| 66 | 7.0 MLD STP Transport Nagar, Ramnagar, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan) | 7.27 | 140 | 172 | 7.58 | 6.0 | 08 | 94 |
| 67 | 0.45 MLD STP Narayan Nagar, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan) | 6.17 | 295 | 366 | 6.93 | 30 | 39 | 920 |
| Sewage Treatment final effluent standards (As Notified by MoEF&CC) | | | | | 6.5-9.0 | 30 | <100 | <1000 |
| Note: All values are in mg/l except pH, Fecal coliform (MPN Per 100 ml). | | | | | | | | |