



CENTRAL LABORATORY

Analysis Report of Sewage Treatment Plants (STP's) for the Month of June 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 | 0.010 MLD STP Near Temple at Badrinath. (Operated by: Uttarakhand Jal Sansthan) | 8.83 | 170 | 190 | 8.65 | 66 | 70 | 1600 |
| 2 | 0.26 MLD STP Near Bamni Gaon, Badrinath. (Operated by: Uttarakhand Jal Sansthan) | 6.21 | 155 | 175 | 6.82 | 60 | 66 | 1600 |
| 3 | 1.0 MLD STP Near Suspension Bridge, Badrinath. (Operated by: Uttarakhand Jal Sansthan) | 6.82 | 150 | 160 | 7.07 | 42 | 48 | 920 |
| 4 | 1.080 MLD STP at Pokhri, Joshimath. (Operated by: Uttarakhand Jal Sansthan) | 6.98 | 135 | 125 | 7.52 | 8.0 | 09 | 43 |
| 5 | 0.760 MLD STP Near Alaknanda Ghat, Chamoli. (Operated by: Uttarakhand Jal Sansthan) | 6.74 | 150 | 136 | 6.98 | 10.0 | 10 | 48 |
| 6 | 0.050 MLD STP Near old Suspension Bridge , Chamoli. (Operated by: Uttarakhand Jal Sansthan) | 6.83 | 145 | 132 | 7.09 | 9.2 | 09 | 47 |
| 7 | 1.190 MLD STP at Vivekanand Colony, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan) | 6.69 | 125 | 118 | 7.10 | 8.4 | 08 | 58 |
| 8 | 1.120 MLD STP at Baitarni, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan) | 7.17 | 130 | 118 | 7.43 | 8.8 | 09 | 43 |
| 9 | 1.25 MLD STP at Pokhri Band, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan) | 6.70 | 125 | 130 | 7.20 | 8.4 | 08 | 41 |
| 10 | 0.050 MLD STP at Sangam Road, Nandprayag. (Operated by: Uttarakhand Jal Sansthan) | 6.81 | 125 | 130 | 7.03 | 9.6 | 09 | 48 |
| 11 | 0.100 MLD STP at Forest Office, Nandprayag (Operated by: Uttarakhand Jal Sansthan) | 7.08 | 135 | 124 | 7.19 | 9.2 | 08 | 79 |
| | | STP is operational but due to under capacity untreated effluent is partially discharged into Nandakini River. | | | | | | |
| 12 | 0.050 MLD STP Near Police Chowki, Karanprayag. (Operated by: Uttarakhand Jal Sansthan) | 6.57 | 155 | 140 | 6.91 | 9.2 | 09 | 70 |
| 13 | 0.100 MLD STP Near Purana Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam) | 7.13 | 165 | 150 | 7.25 | 9.6 | 10 | 48 |
| 14 | 0.100 MLD STP at Ward no. 1&3, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.59 | 140 | 148 | 6.94 | 10.0 | 09 | 63 |
| 15 | 0.050 MLD STP at Subhash Nagar, Karanprayag. (Operated by: Uttarakhand Jal Sansthan) | 6.52 | 150 | 155 | 6.90 | 10.0 | 10 | 79 |
| 16 | 0.050 MLD STP Near Naya Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.61 | 155 | 158 | 6.98 | 10.0 | 10 | 84 |
| 17 | 0.075 MLD STP Near Anoop Negi School, Rudraprayag. (Operated by: Uttarakhand Jal Sansthan) | STP is not in operation due to damage of STP. | | | | | | |
| 18 | 0.100 MLD STP, Near Rudra Complex, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.67 | 145 | 134 | 7.20 | 9.2 | 09 | 47 |
| 19 | 0.075 MLD STP, Near Bus Stand, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.53 | 140 | 130 | 6.94 | 9.6 | 09 | 43 |
| 20 | 0.100MLD STP, Near SBI & Maszid, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.63 | 145 | 134 | 7.30 | 9.6 | 10 | 63 |
| 21 | 0.125 MLD STP, Near Steel Bridge & Syndicate Bank, Rudraprayag . (Operated by: Uttarakhand Jal Sansthan) | 6.58 | 140 | 144 | 6.95 | 10.0 | 10 | 70 |
| 22 | 0.050 MLD STP at Beleni Road, Near Steel Bridge, Rudraprayag. | 6.51 | 145 | 148 | 6.99 | 10.0 | 09 | 41 |



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| S.No. | (Operated by: Uttarakhand Peyjal Nigam) Name of the Sewage Treatment Plant (With Capacity) | Inlet of STP | | | Outlet of STP | | | |
|-------|---|--------------|---|------|---------------|------|------|----------------|
| | | pH | BOD | TSS | pH | BOD | TSS | Fecal Coliform |
| | | 23 | 3.5 MLD STP at Nursary Road, Srinagar. (Operated by: Uttarakhand Peyjal Nigam) | 6.92 | 170 | 158 | 7.60 | 10.0 |
| 24 | 1.0 MLD STP, Near ITI, Srinagar. (Operated by: Uttarakhand Jal Sansthan) | 6.63 | 160 | 144 | 8.30 | 9.6 | 10 | 58 |
| 25 | 0.075 MLD STP Near Junior High School, Srikot, Srinagar (Operated by: Uttarakhand Peyjal Nigam) | 6.52 | 135 | 125 | 7.03 | 9.2 | 09 | 40 |
| 26 | 0.050 MLD STP Near Tauliya Nala, Srikot, Srinagar. (Operated by: Uttarakhand Peyjal Nigam) | 6.60 | 140 | 128 | 7.11 | 9.6 | 10 | 48 |
| 27 | 0.050 MLD STP, Near BRO Bridge, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan) | 6.61 | 140 | 146 | 6.97 | 9.6 | 09 | 58 |
| 28 | 0.010 MLD STP, Near Temple, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan) | 6.67 | 150 | 140 | 7.09 | 10.0 | 10 | 70 |
| 29 | 0.075 MLD STP at Devprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.54 | 170 | 156 | 7.01 | 10.0 | 10 | 140 |
| 30 | 0.150 MLD MLD STP at Devprayag. (Operated by: Uttarakhand Peyjal Nigam) | 6.63 | 175 | 162 | 7.20 | 9.6 | 10 | 79 |
| 31 | 1.4 MLD STP at Pauri Road, Devprayag. (Operated by: Uttarakhand Jal Sansthan) | 6.55 | 165 | 154 | 7.05 | 9.2 | 09 | 58 |
| 32 | 5.0 MLD STP at Bhagirathipuram, Tehri. (Operated by: Uttarakhand Jal Sansthan) | 6.51 | 180 | 170 | 6.99 | 9.6 | 10 | 63 |
| 33 | 1.0 MLD STP at Gangotri, Distt- Uttarkashi. (Operated by: Uttarakhand Jal Sansthan) | 6.60 | 125 | 115 | 7.96 | 8.4 | 08 | 70 |
| 34 | 2.0 MLD STP at Gyansu, Uttarkashi. (Operated by: Uttarakhand Jal Sansthan) | 6.63 | 150 | 160 | 7.10 | 8.8 | 09 | 49 |
| 35 | 3.5 MLD STP at Tapovan, Rishikesh. (Operated by: Uttarakhand Jal Sansthan) | 6.70 | 175 | 185 | 7.50 | 10.0 | 10 | 47 |
| 36 | 3.0 MLD STP at Swargashram, Rishikesh. (Operated by: Uttarakhand Jal Sansthan) | 6.53 | 180 | 170 | 7.10 | 9.6 | 10 | 58 |
| 37 | 26 MLD STP at Lakkarghat, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam) | 6.55 | 160 | 152 | 7.23 | 9.6 | 09 | 63 |
| 38 | 5.0 MLD STP at Chorpani, Rishikesh (Operated by: Uttarakhand Peyjal Nigam) | 6.64 | 160 | 148 | 7.19 | 9.2 | 09 | 79 |
| 39 | 7.5 MLD STP at Chandreshwar Nagar, Rishikesh (Operated by: Uttarakhand Peyjal Nigam) | 6.51 | 160 | 150 | 6.91 | 9.6 | 10 | 70 |
| 40 | 20 MLD STP at Motharawala-I, Dehradun (Operated by: Uttarakhand Jal Sansthan) | 6.60 | 165 | 154 | 7.13 | 9.2 | 09 | 58 |
| 41 | 20 MLD STP at Motharawala-II, Dehradun (Operated by: Uttarakhand Jal Sansthan) | 6.78 | 160 | 150 | 6.99 | 9.6 | 10 | 94 |
| 42 | 68 MLD STP at Kargi, Dehradun. (Operated by: Uttarakhand Jal Sansthan) | 6.55 | 170 | 158 | 7.01 | 9.6 | 10 | 49 |
| 43 | 0.42 MLD STP at Vijay Colony, Dehradun (Operated by: Uttarakhand Jal Sansthan) | 6.61 | 160 | 148 | 8.50 | 10.0 | 10 | 130 |
| 44 | 0.72 MLD STP Salawala, Dehradun (Operated by: Uttarakhand Jal Sansthan) | 6.60 | 165 | 152 | 6.98 | 9.2 | 09 | 63 |
| 45 | 5.0 MLD STP at Indira Nagar, Dehradun (Operated by: Uttarakhand Jal Sansthan) | 6.75 | 170 | 156 | 7.14 | 9.6 | 09 | 58 |
| 46 | 1.0 MLD STP at Jakhan, Dehradun (Operated by: Uttarakhand Jal Sansthan) | 6.59 | 160 | 148 | 7.19 | 9.6 | 10 | 43 |
| 47 | 27 MLD STP at Jagjeetpur, Haridwar (Operated by: Uttarakhand Jal Sansthan) | 6.90 | 170 | 120 | 7.30 | 8.4 | 6.7 | 84 |



CENTRAL LABORATORY

| S.No. | Name of the Sewage Treatment Plant (With Capacity) | Inlet of STP | | | Outlet of STP | | | |
|--|---|-----------------------------------|-----|-----|-----------------|---------------|----------------|-----------------|
| | | pH | BOD | TSS | pH | BOD | TSS | Fecal Coliform |
| 48 | 18 MLD STP at Jagjeetpur, Haridwar (Operated by: Uttarakhand Jal Sansthan) | 7.20 | 150 | 170 | 7.50 | 9.2 | 10 | 94 |
| 49 | 68 MLD STP at Jagjeetpur, Haridwar (Operated by: Uttarakhand Peyjal Nigam) | 7.10 | 165 | 150 | 7.30 | 6.4 | 9.5 | 79 |
| 50 | 18 MLD STP at Sarai, Haridwar (Operated by: Uttarakhand Jal Sansthan) | 7.30 | 160 | 180 | 7.50 | 8.0 | 9.9 | 70 |
| 51 | 14 MLD STP at Sarai, Haridwar (Operated by: Uttarakhand Peyjal Nigam) | 8.10 | 170 | 230 | 8.00 | 9.2 | 10 | 94 |
| 52 | 33 MLD STP at Saliyar, Roorkee, Haridwar (Operated by: Asian Development Bank, PIU, Roorkee) | 7.30 | 165 | 240 | 7.50 | 9.2 | 10 | 94 |
| 53 | 1.3 MLD STP at Landour (S), Mussoorie (Operated by: Uttarakhand Jal Sansthan) | 6.87 | 150 | 140 | 7.88 | 10.0 | 10 | 110 |
| 54 | 3.12 MLD STP at Bhatta fall, Mussoorie (Operated by: Uttarakhand Jal Sansthan) | 6.84 | 140 | 132 | 7.15 | 9.6 | 09 | 70 |
| 55 | 0.8 MLD STP at Landour (N), Mussoorie (Operated by: Uttarakhand Jal Sansthan) | 6.68 | 165 | 158 | 8.52 | 10.0 | 10 | 84 |
| 56 | 1.2 MLD STP at Happy Valley, Mussoorie (Operated by: Uttarakhand Jal Sansthan) | 7.06 | 160 | 150 | 8.26 | 10.0 | 10 | 94 |
| 57 | 0.9 MLD STP at Kurli Bazaar, Mussoorie (Operated by: Uttarakhand Jal Sansthan) | 6.72 | 140 | 132 | 7.15 | 9.6 | 09 | 79 |
| 58 | 2.0 MLD STP Bakh, Almora, Distt-Almora (Operated by: Uttarakhand Jal Sansthan) | 6.85 | 140 | 174 | 7.38 | 28 | 32 | 140 |
| 59 | 0.45 MLD STP at Hari Nagar, Distt-Nainital (Operated by: Uttarakhand Jal Sansthan) | 6.95 | 120 | 158 | 7.33 | 22 | 28 | 170 |
| 60 | 0.80 MLD STP at Krishnapur, Distt-Nainital (Operated by: Uttarakhand Jal Sansthan) | 7.11 | 180 | 216 | 7.79 | 28 | 34 | 210 |
| 61 | 1.25 MLD STP at Bheemtal, Distt-Nainital (Operated by: Uttarakhand Jal Sansthan) | 6.62 | 180 | 224 | 7.19 | 26 | 36 | 140 |
| 62 | 5.0 MLD STP at Aincholi, Distt-Pithoragarh (Operated by: Uttarakhand Peyjal Nigam) | 6.93 | 90 | 108 | 7.71 | 14 | 20 | 240 |
| 63 | 1.25 MLD STP at Nirada, Distt-Pithoragarh (Operated by: Uttarakhand Peyjal Nigam) | 6.99 | 110 | 136 | 7.56 | 10 | 16 | 120 |
| 64 | 1.5 MLD STP at Puchdi, Ramnagar, Nainital (Operated by: Uttarakhand Jal Sansthan) | 7.19 | 120 | 152 | 7.55 | 10 | 14 | 240 |
| 65 | 7.0 MLD STP Transport Nagar, Ramnagar, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan) | 7.21 | 110 | 144 | 7.37 | 08 | 10 | 350 |
| 66 | 10 MLD Rusi Pond at Rusi Village, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan) | Pond /Sedimentation tank was dry. | | | | | | |
| 67 | 0.45 MLD STP Narayan Nagar , Distt- Nainital . (Operated by: Uttarakhand Jal Sansthan) | 6.81 | 140 | 168 | 7.12 | 26 | 34 | 350 |
| 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 and fecal coliiform (MPN Per 100 ml) | | | | | | | | |