



CENTRAL LABORATORY

Analysis Report of Sewage Treatment Plants (STPs) for the Month of February 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	Fecal Coliform
1	2.70 MLD STP at Marwari, Joshimath. (Operated by: Uttarakhand Peyjal Nigam)	7.15	95	99	7.37	8.8	12	170
2	1.080 MLD STP at Pokhri, Joshimath. (Operated by: Uttarakhand Jal Sansthan)	7.19	105	108	7.48	10.8	14	280
3	0.760 MLD STP Near Alaknanda Ghat, Chamoli. (Operated by: Uttarakhand Jal Sansthan)	6.74	155	159	7.12	140	142	1600
		STP found operational during the visit but plant condition was bad as Sewage Pit tank was found completely filled with Raw effluent and due to overflow untreated / Raw effluent was discharged directly into Alaknanda River. (Date of Inspection: 07-02-2024).						
4	0.050 MLD STP Near old Suspension Bridge, Chamoli. (Operated by: Uttarakhand Jal Sansthan)	6.90	150	154	7.05	35.0	40	920
5	1.190 MLD STP at Vivekanand Colony, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)	7.10	150	147	7.29	9.6	12	170
6	1.120 MLD STP at Baitarni, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)	7.03	155	152	7.20	10.8	13	540
7	1.25 MLD STP at Pokhri Band, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)	7.29	150	148	7.44	8.8	09	350
8	0.050 MLD STP at Sangam Road, Nandprayag. (Operated by: Uttarakhand Jal Sansthan)	7.37	130	126	STP found Non-operational due to Mechanical issue. (Date of Inspection: 07-02-2024).			
9	0.100 MLD STP at Forest Office, Nandprayag (Operated by: Uttarakhand Jal Sansthan)	7.28	115	113	7.51	105	102	1600
		STP found operational but due to overflow untreated effluent was discharged into Nandakini River. (Date of inspection: 07-02-2024).						
10	0.050 MLD STP Near Police Chowki, Karanprayag. (Operated by: Uttarakhand Jal Sansthan)	7.11	105	103	7.29	9.6	11	540
11	0.100 MLD STP Near Purana Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)	6.57	155	160	6.98	10.4	14	350
		STP was operational but due to overflow condition untreated effluent was found discharging into Pindar River. (Date of Inspection: 07-02-2024).						
12	0.100 MLD STP at Ward no. 1&3, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.24	125	123	7.38	10.0	12	430
13	0.050 MLD STP at Subhash Nagar, Karanprayag. (Operated by: Uttarakhand Jal Sansthan)	6.89	120	117	7.12	8.8	11	350
14	0.050 MLD STP Near Naya Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.30	135	132	7.48	9.6	11	170



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		Inlet of STP			Outlet of STP			
		pH	BOD	TSS	pH	BOD	TSS	Fecal Coliform
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)	6.88	120	117	7.06	8.0	09	170
17	0.075 MLD STP, Near Bus Stand, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.08	110	107	7.21	9.6	10	280
18	0.100MLD STP, Near SBI & Maszid, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)	6.69	125	123	STP found Non-operational during the time of visit. (Date of Inspection: 13-02-2024).			
19	0.125 MLD STP, Near Steel Bridge & Syndicate Bank, Rudraprayag. (Operated by: Uttarakhand Jal Sansthan)	6.94	115	112	7.13	9.2	10	350
		STP was operational but due to overflow untreated effluent was found discharging into Alaknanda River. (Date of Inspection: 13-02-2024).						
20	0.050 MLD STP at Beleni Road, Near Steel Bridge, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.19	125	128	STP found Non-operational because of power failure and also Diesel Generator (DG) Set was not working. (Date of Inspection: 13-02-2024).			
21	0.075 MLD STP Near Junior High School, Srikot, Srinagar. (Operated by: Uttarakhand Peyjal Nigam)	6.79	110	108	7.10	9.2	10	210
22	0.050 MLD STP Near Tauliya Nala, Srikot, Srinagar. (Operated by: Uttarakhand Peyjal Nigam)	7.66	115	113	7.83	8.0	08	94
23	3.5 MLD STP at Nursary Road, Srinagar. (Operated by: Uttarakhand Peyjal Nigam)	6.70	205	208	7.47	8.8	11	110
24	1.0 MLD STP, Near ITI, Srinagar. (Operated by: Uttarakhand Jal Sansthan)	7.12	185	189	7.60	9.6	12	130
25	0.050 MLD STP, Near BRO Bridge, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan)	6.80	150	152	STP found Non-operational because of power failure and also Diesel Generator (DG) Set was not working due to non-availability of fuel. (Date of Inspection: 12-02-2024).			
26	0.010 MLD STP, Near Temple, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan)	6.54	145	150	7.04	10.0	14	920
27	0.075 MLD STP at Devprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.51	155	152	7.69	8.8	09	220
28	0.150 MLD STP at Devprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.10	165	161	7.50	9.6	11	130
29	1.4 MLD STP at Pauri Road, Devprayag. (Operated by: Uttarakhand Jal Sansthan)	7.18	145	141	7.80	8.8	09	140
		STP found operational during visit but insufficient Raw effluent/ Inlet is received due to breakage of Sewage Pumping Station (SPS) line. (Date of Inspection: 12-02-2024).						
30	5.0 MLD STP at Bhagirathi Puram, Tehri. (Operated by: Uttarakhand Jal Sansthan)	6.65	185	189	7.29	10.8	16	350



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		Inlet of STP			Outlet of STP			
		pH	BOD	TSS	pH	BOD	TSS	Fecal Coliform
31	2.0 MLD STP at Gyansu, Uttarkashi. (Operated by: Uttarakhand Jal Sansthan)	7.06	205	210	7.22	9.6	13	920
32	3.5 MLD STP at Tapovan, Rishikesh. (Operated by: Uttarakhand Jal Sansthan)	7.25	210	215	7.43	10.0	14	540
33	3.0 MLD STP at Swargashram, Rishikesh. (Operated by: Uttarakhand Jal Sansthan)	7.10	215	219	7.63	9.2	11	170
34	26 MLD STP at Lakkarghat, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam)	7.13	175	172	7.32	8.8	09	110
35	5.0 MLD STP at Chorpani, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam)	STP found Non-operational as no effluent/sewage is reaching to the plant because of breakdown of Main pumping station (MPS) pump. (Date of Inspection: 06-02-2024).						
36	7.5 MLD STP at Chandreshwar Nagar, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam)	7.44	150	148	7.58	9.2	10	94
37	20 MLD STP at Motharawala-I, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.29	155	160	7.91	10.0	14	170
38	20 MLD STP at Motharawala-II, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.34	150	154	7.69	11.2	17	22×10 ²
39	68 MLD STP at Kargi, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	6.38	165	169	7.61	9.6	12	150
40	0.42 MLD STP at Vijay Colony, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.33	160	162	7.63	9.2	11	280
41	0.71 MLD STP Salawala, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.27	165	162	7.60	8.8	10	110
42	5.0 MLD STP at Indira Nagar, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.30	155	158	7.57	9.2	13	220
43	1.0 MLD STP at Jakhan, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.28	145	149	8.01	9.2	12	170
44	27 MLD STP at Jagjeetpur, Haridwar. (Operated by: Uttarakhand Jal Sansthan)	6.96	160	110	7.19	8.0	6.0	79
45	18 MLD STP at Jagjeetpur, Haridwar. (Operated by: Uttarakhand Jal Sansthan)	7.04	125	170	7.21	9.6	8.0	94
46	68 MLD STP at Jagjeetpur, Haridwar. (Operated by: Uttarakhand Peyjal Nigam)	7.12	120	140	7.41	6.4	7.0	94



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		Inlet of STP			Outlet of STP			
		pH	BOD	TSS	pH	BOD	TSS	Fecal Coliform
47	18 MLD STP at Sarai, Haridwar. (Operated by: Uttarakhand Jal Sansthan)	7.08	165	110	7.18	7.2	6.0	84
48	14 MLD STP at Sarai, Haridwar. (Operated by: Uttarakhand Peyjal Nigam)	7.19	165	160	7.29	10.0	9.0	79
49	33 MLD STP at Saliyar, Roorkee, Haridwar. (Operated by: Uttarakhand Jal Sansthan)	7.15	160	120	7.66	10.0	10.0	220
50	1.3 MLD STP at Landour (S), Mussoorie. (Operated by: Uttarakhand Jal Sansthan)	6.71	150	147	7.11	9.2	10	350
51	3.12 MLD STP at Bhatta fall, Mussoorie. (Operated by: Uttarakhand Jal Sansthan)	6.62	140	136	7.30	8.8	08	110
52	0.8 MLD STP at Landour (N), Mussoorie. (Operated by: Uttarakhand Jal Sansthan)	6.90	150	148	7.87	9.6	10	140
53	1.2 MLD STP at Happy Valley, Mussoorie. (Operated by: Uttarakhand Jal Sansthan)	7.13	170	173	7.48	9.2	10	130
54	0.9 MLD STP at Kurli Bazaar, Mussoorie. (Operated by: Uttarakhand Jal Sansthan)	6.95	185	189	7.78	10.0	13	280
55	2.0 MLD STP Bakh, Almora, Distt- Almora. (Operated by: Uttarakhand Jal Sansthan)	6.60	320	389	8.12	20.0	25	140
56	0.45 MLD STP at Hari Nagar, Distt- Nainital. (Operated by: Uttarakhand Jal Sansthan)	6.99	240	296	7.54	20.0	27	94
57	0.80 MLD STP at Krishnapur, Distt- Nainital. (Operated by: Uttarakhand Jal Sansthan)	6.71	280	348	7.16	22.0	28	170
58	1.25 MLD STP at Bheemtal, Distt- Nainital. (Operated by: Uttarakhand Jal Sansthan)	6.46	360	440	7.70	28.0	35	210
59	1.25 MLD STP at Nirada, Distt- Pithoragarh. Operated by: Uttarakhand Peyjal Nigam)	6.91	245	314	7.52	26.0	32	150
60	5.0 MLD STP at Aincholi, Distt- Pithoragarh. (Operated by: Uttarakhand Peyjal Nigam)	6.72	260	322	7.95	28.0	38	240
61	1.5 MLD STP at Puchdi, Ramnagar, Nainital. (Operated by: Uttarakhand Jal Sansthan)	6.90	220	278	7.33	8.0	10	79
62	7.0 MLD STP Transport Nagar, Ramnagar, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan)	7.10	162	204	7.79	6.0	7.0	94



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		Inlet of STP			Outlet of STP			
		pH	BOD	TSS	pH	BOD	TSS	Fecal Coliform
63	0.45 MLD STP Narayan Nagar , Distt- Nainital . (Operated by: Uttarakhand Jal Sansthan)	6.92	224	282	7.23	22.0	28.0	170
64	28 MLD STP, Indra Nagar, Haldwani Distt- Nainital . (Operated by: Uttarakhand Peyjal Nigam)	6.55	260	324	7.58	20.0	24	130
65	10 MLD STP Rusi Pond , District- Nainital.	New Sewage Treatment Plant (STP) of 17.5 MLD capacity is under construction.						
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).								

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