



CENTRAL LABORATORY

**Analysis Report of Sewage Treatment Plants (STPs) for the Month of September 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
<b>District - Chamoli</b>									
1	0.010 MLD STP Near Temple at Badrinath. (Operated by: Uttarakhand Jal Sansthan)	<b>STP found Non-operational due to non-availability of fuel because plant is running on Diesel Generator (DG) Set. (Date of Inspection: 24-09-2024).</b>							
2	0.26 MLD STP Near Bamni Gaon, Badrinath. (Operated by: Uttarakhand Jal Sansthan)	6.79	175	181	<b>STP found Non-operational because Inlet /Raw effluent of the STP is connected to 1.0 MLD STP Near Suspension Bridge, Badrinath due to non-operation of this plant. (Date of Inspection: 24-09-2024).</b>				
3	1.0 MLD STP Near Suspension Bridge, Badrinath. (Operated by: Uttarakhand Jal Sansthan).	6.88	190	195	7.51	9.2	12	40	170
4	2.70 MLD STP at Marwari, Joshimath. (Operated by: Uttarakhand Peyjal Nigam)	7.23	90	86	7.61	8.4	9	30	110
5	1.080 MLD STP at Pokhri, Joshimath. (Operated by: Uttarakhand Jal Sansthan)	6.75	105	108	7.40	10.0	13	50	140
6	0.760 MLD STP Near Alaknanda Ghat, Chamoli. (Operated by: Uttarakhand Jal Sansthan)	6.80	165	172	7.58	11.6	15	50	1600
7	0.050 MLD STP Near old Suspension Bridge, Chamoli. (Operated by: Uttarakhand Jal Sansthan)	6.63	160	164	7.36	10.0	12	40	280
8	1.190 MLD STP at Vivekanand Colony, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)	7.11	145	149	7.67	9.6	12	40	220
9	1.120 MLD STP at Baitami, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)	6.88	150	155	7.41	9.2	10	40	170
10	1.25 MLD STP at Pokhri Band, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)	6.79	145	151	7.81	10	12	50	350
11	0.050 MLD STP at Sangam Road, Nandprayag. (Operated by: Uttarakhand Jal Sansthan)	7.19	125	123	7.57	9.6	10	40	140
12	0.100 MLD STP at Forest Office, Nandprayag. (Operated by: Uttarakhand Jal Sansthan)	7.10	105	101	7.64	10.0	12	50	350
		<b>STP was operational but due to overflow untreated effluent was found partially discharging into Nandakini River. (Date of Inspection: 25-09-2024).</b>							
13	0.050 MLD STP Near Police Chowki, Karanprayag. (Operated by: Uttarakhand Jal Sansthan)	7.21	105	100	7.76	10.0	11	50	240



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		Inlet of STP			Outlet of STP				
		pH	BOD	TSS	pH	BOD	TSS	COD	Fecal Coliform
14	0.100 MLD STP Near Purana Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)	6.69	165	171	7.58	10.8	12	50	350
15	0.100 MLD STP at Ward no. 1&3, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)	6.77	115	121	7.30	9.2	10	40	430
16	0.050 MLD STP at Subhash Nagar, Karanprayag. (Operated by: Uttarakhand Jal Sansthan)	7.16	120	116	7.67	8.8	9	40	170
17	0.050 MLD STP Near Naya Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.10	135	140	7.82	10.0	12	50	220
<b>District - Rudraprayag</b>									
18	0.075 MLD STP Near Anoop Negi School, Rudraprayag. (Operated by: Uttarakhand Jal Sansthan)	<b>STP is not in operation due to Damage of STP.</b>							
19	0.100 MLD STP, Near Rudra Complex, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.22	115	111	7.51	9.6	10	40	170
20	0.075 MLD STP, Near Bus Stand, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)	6.96	110	107	7.35	10.0	10	50	240
					<b>STP was operational but due to overflow untreated effluent was found discharging directly into Drain near plant which meets to Alaknanda River. (Date of Inspection: 18-09-2024).</b>				
21	0.100 MLD STP, Near SBI Bank, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)	6.84	120	124	7.40	10.8	14	50	350
22	0.125 MLD STP, Near Steel Bridge & Syndicate Bank, Rudraprayag. (Operated by: Uttarakhand Jal Sansthan)	6.93	115	113	7.62	9.6	10	40	220
23	0.050 MLD STP at Beleni Road, Near Steel Bridge, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.25	135	138	7.80	10.0	11	40	280
<b>District – Pauri Garhwal</b>									
24	0.075 MLD STP Near Junior High School, Srikot, Srinagar. (Operated by: Uttarakhand Peyjal Nigam)	6.90	105	102	7.84	9.6	11	50	220
					<b>STP was operational but due to overflow untreated effluent was found discharging into Alaknanda River. (Date of Inspection: 18-09-2024).</b>				



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		Inlet of STP			Outlet of STP				
		pH	BOD	TSS	pH	BOD	TSS	COD	Fecal Coliform
25	0.050 MLD STP Near Tauliya Nala, Srikot, Srinagar. (Operated by: Uttarakhand Peyjal Nigam)	7.09	100	98	7.68	8.8	9	30	170
26	3.5 MLD STP at Nursary Road, Srinagar. (Operated by: Uttarakhand Peyjal Nigam)	6.70	200	208	8.10	9.2	11	40	350
27	1.0 MLD STP, Near ITI, Srinagar. (Operated by: Uttarakhand Jal Sansthan)	7.09	190	195	7.70	9.6	10	40	220
28	3.0 MLD STP at Swargashram, Rishikesh. (Operated by: Uttarakhand Jal Sansthan)	6.81	215	222	7.89	10.8	16	50	350
<b>District – Tehri Garhwal</b>									
29	0.050 MLD STP, Near BRO Bridge, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan)	6.78	165	169	7.58	10.0	11	40	350
30	0.010 MLD STP, Near Temple, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan)	6.62	160	166	7.91	12.0	17	50	1600
31	0.075 MLD STP at Devprayag. (Operated by: Uttarakhand Peyjal Nigam)	6.95	165	170	7.42	9.2	10	40	280
32	0.150 MLD STP at Devprayag. (Operated by: Uttarakhand Peyjal Nigam)	6.70	175	182	7.69	10.0	13	50	350
33	1.4 MLD STP at Pauri Road, Devprayag. (Operated by: Uttarakhand Jal Sansthan)	7.29	155	160	7.88	9.6	10	40	220
34	5.0 MLD STP at Bhagirathi Puram, Tehri. Operated by: Uttarakhand Jal Sansthan)	6.82	180	184	7.63	9.2	11	40	170
35	5.0 MLD STP at Chorpani, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam)	7.27	190	195	7.90	10.0	11	50	110
36	7.5 MLD STP at Chandreshwar Nagar, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam)	6.75	135	138	7.29	10.0	12	50	280
37	3.5 MLD STP at Tapovan, Rishikesh. (Operated by: Uttarakhand Jal Sansthan)	6.93	205	211	7.51	9.2	11	40	140
<b>District - Uttarkashi</b>									
38	2.0 MLD STP at Gyansu, Uttarkashi. (Operated by: Uttarakhand Jal Sansthan)	7.23	190	198	8.19	10.0	13	50	350



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		pH	BOD	TSS	pH	BOD	TSS	COD	Fecal Coliform
39	1.0 MLD STP at Gangotri, Distt-Uttarkashi. (Operated by: Uttarakhand Jal Sansthan)	6.95	175	180	7.72	9.2	11	40	540
<b>District - Dehradun</b>									
40	26 MLD STP at Lakkarghat, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam)	7.30	175	182	7.98	9.6	11	40	220
41	20 MLD STP at Motharawala-I, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.08	165	170	7.53	10.0	12	50	350
42	20 MLD STP at Motharawala-II, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.19	160	164	7.70	8.8	10	40	170
43	68 MLD STP at Kargi, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.25	175	180	7.81	10.0	13	50	280
44	0.42 MLD STP at Vijay Colony, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.11	170	175	7.59	10.0	12	50	140
45	0.71 MLD STP Salawala, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.30	175	179	7.77	8.8	9	40	110
46	5.0 MLD STP at Indira Nagar, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.08	170	176	7.98	9.2	10	40	170
47	1.0 MLD STP at Jakhan, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	7.16	160	165	7.45	9.6	10	40	220
48	1.3 MLD STP at Landour (S), Mussoorie. (Operated by: Uttarakhand Peyjal Nigam).	7.11	160	163	7.78	10.0	12	50	220
49	3.12 MLD STP at Bhatta fall, Mussoorie. (Operated by: Uttarakhand Jal Sansthan)	7.33	145	149	7.90	8.4	8	30	94
50	0.8 MLD STP at Landour (N), Mussoorie. (Operated by: Uttarakhand Jal Sansthan)	6.89	170	175	7.66	9.6	10	40	140
51	1.2 MLD STP at Happy Valley, Mussoorie. (Operated by: Uttarakhand Jal Sansthan)	7.17	160	165	7.70	9.2	11	40	280
52	0.9 MLD STP at Kurli Bazaar, Mussoorie. (Operated by: Uttarakhand	7.25	175	180	7.81	8.8	9	30	130



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		Inlet of STP			Outlet of STP				
		pH	BOD	TSS	pH	BOD	TSS	COD	Fecal Coliform
<b>District - Haridwar</b>									
53	27 MLD STP at Jagjeetpur, Haridwar. (Operated by: Uttarakhand Jal Sansthan)	6.93	200	240	7.12	9.2	12	30	140
54	18 MLD STP at Jagjeetpur, Haridwar. (Operated by: Uttarakhand Jal Sansthan)	6.96	195	110	7.15	9.2	10	40	120
55	68 MLD STP at Jagjeetpur, Haridwar. (Operated by: Uttarakhand Peyjal Nigam)	7.12	250	220	7.26	9.6	10	40	540
56	18 MLD STP at Sarai, Haridwar. (Operated by: Uttarakhand Jal Sansthan)	7.08	180	180	7.21	8.8	9	40	210
57	14 MLD STP at Sarai, Haridwar. (Operated by: Uttarakhand Peyjal Nigam)	7.14	220	190	7.31	10.0	8	40	140
58	33 MLD STP at Saliyar, Roorkee, Haridwar. (Operated by: Uttarakhand Jal Sansthan)	7.16	180	170	7.33	10.0	8	50	350
<b>District - Nainital</b>									
59	0.45 MLD STP at Hari Nagar, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan)	6.56	205	252	7.38	22.0	30	80	140
60	0.80 MLD STP at Krishnapur, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan)	6.88	220	274	7.16	24.0	32	90	220
61	1.25 MLD STP at Bheemtal, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan)	6.60	260	318	7.89	28.0	38	90	350
62	1.5 MLD STP at Puchdi, Ramnagar, Nainital. (Operated by: Uttarakhand Peyjal Nigam)	6.77	165	202	7.61	8.0	9	30	94
63	7.0 MLD STP Transport Nagar, Ramnagar, Distt-Nainital. (Operated by: Uttarakhand Peyjal Nigam)	7.10	190	236	7.30	9.0	10	40	84
64	0.45 MLD STP Narayan Nagar, Distt- Nainital . (Operated by: Uttarakhand Jal Sansthan)	<b>STP is not in operation as no sewage /effluent was reaching to the plant. (Date of Inspection: 12-09-2024).</b>							
65	28 MLD STP, Indra Nagar, Haldwani Distt- Nainital .	6.54	210	260	7.25	24.0	30	70	430



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		Inlet of STP			Outlet of STP				
		pH	BOD	TSS	pH	BOD	TSS	COD	Fecal Coliform
66	10 MLD STP Rusi Pond , District-Nainital.	<b>New Sewage Treatment Plant (STP) of 17.5 MLD capacity is under construction.</b>							
<b>District - Pithoragarh</b>									
67	1.25 MLD STP at Nirada, Distt-Pithoragarh. <b>Operated by: Uttarakhand Peyjal Nigam)</b>	7.12	185	226	7.44	14.0	17	40	94
68	5.0 MLD STP at Aincholi, Distt-Pithoragarh. <b>(Operated by: Uttarakhand Peyjal Nigam)</b>	6.90	150	188	7.75	18.0	22	60	170
<b>District - Almora</b>									
69	2.0 MLD STP Bakh, Almora, Distt-Almora. <b>(Operated by: Uttarakhand Jal Sansthan)</b>	6.84	200	248	7.20	20.0	26	70	94
<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>—</b>	<b>&lt;1000</b>
<b>Sewage Treatment final effluent standards (As per NGT).</b>					<b>5.5-9.0</b>	<b>10</b>	<b>20</b>	<b>50</b>	<b>230</b>
<b>Note: All values are in mg/l except pH, Fecal coliform (MPN Per 100 ml).</b>									

**NOTE:** From Serial No. 1 to 52 All the parameters are tested/analyzed by Central Laboratory, Dehradun while from Serial no. 53 to 69 all the parameters are tested/analyzed by Regional offices laboratories except Microbiological Parameter (Fecal Coliform) which is tested/analyzed by Central Laboratory, Dehradun.