



CENTRAL LABORATORY

Analysis Report of Sewage Treatment Plants (STP's) for the Month of July 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	Residual Chlorine
1	0.010 MLD STP Near Temple at Badrinath. (Operated by: Uttarakhand Jal Sansthan)	6.37	165	180	STP found non operational and also Raw effluent was discharged into Alaknanda River.				
2	0.26 MLD STP Near Bamni Gaon, Badrinath. (Operated by: Uttarakhand Jal Sansthan)	6.29	150	165	6.90	8.8	10	540	0.4
3	1.0 MLD STP Near Suspension Bridge, Badrinath. (Operated by: Uttarakhand Jal Sansthan)	6.53	160	170	6.89	12.8	18	430	0.4
4	1.080 MLD STP at Pokhri, Joshimath. (Operated by: Uttarakhand Jal Sansthan)	7.12	130	120	7.33	8.4	10	47	0.1
5	0.760 MLD STP Near Alaknanda Ghat, Chamoli. (Operated by: Uttarakhand Jal Sansthan)	6.70	145	130	7.09	9.6	09	58	Ozonation Process
6	0.050 MLD STP Near old Suspension Bridge, Chamoli. (Operated by: Uttarakhand Jal Sansthan)	6.75	140	128	7.15	8.8	08	43	Ozonation Process
7	1.190 MLD STP at Vivekanand Colony, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)	STP not in operation. No effluent is reaching to STP.							
8	1.120 MLD STP at Baitarni, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)	7.36	125	114	7.56	8.4	08	48	Ozonation Process
9	1.25 MLD STP at Pokhri Band, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)	6.54	120	126	6.97	8.8	09	47	Ozonation Process
10	0.050 MLD STP at Sangam Road, Nandprayag. (Operated by: Uttarakhand Jal Sansthan)	6.87	120	124	7.09	9.2	09	58	Ozonation Process
11	0.100 MLD STP at Forest Office, Nandprayag (Operated by: Uttarakhand Jal Sansthan)	6.63	130	120	6.99	9.6	10	94	Ozonation Process
		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)	6.82	145	130	7.11	8.8	08	63	Ozonation Process
13	0.100 MLD STP Near Purana Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)	6.75	155	140	7.14	9.2	09	47	Ozonation Process
14	0.100 MLD STP at Ward no. 1&3, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)	6.67	135	140	7.07	9.6	10	70	Ozonation Process



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		pH	BOD	TSS	pH	BOD	TSS	Fecal Coliform	Residual Chlorine
15	0.050 MLD STP at Subhash Nagar, Karanprayag. (Operated by: Uttarakhand Jal Sansthan)	6.61	140	144	6.95	9.6	09	84	Ozonation Process
16	0.050 MLD STP Near Naya Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)	6.54	150	154	7.08	9.6	10	94	Ozonation Process
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)	6.87	140	128	7.62	8.8	08	58	Ozonation Process
19	0.075 MLD STP, Near Bus Stand, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)	6.82	135	128	7.02	9.2	10	47	Ozonation Process
20	0.100MLD STP, Near SBI &Masjid, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.06	140	128	7.22	9.2	09	70	Ozonation Process
21	0.125 MLD STP, Near Steel Bridge & Syndicate Bank, Rudraprayag . (Operated by: Uttarakhand Jal Sansthan)	7.04	130	125	7.15	9.6	09	84	Ozonation Process
22	0.050 MLD STP at Beleni Road, Near Steel Bridge, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.03	135	130	7.22	9.6	08	39	Ozonation Process
23	3.5 MLD STP at Nursary Road, Srinagar. (Operated by: Uttarakhand Peyjal Nigam)	6.90	165	155	7.60	9.6	10	110	0.2
24	1.0 MLD STP, Near ITI, Srinagar. (Operated by: Uttarakhand Jal Sansthan)	7.20	150	138	8.40	9.2	09	63	0.1
25	0.075 MLD STP Near Junior High School, Srikot, Srinagar (Operated by: Uttarakhand Peyjal Nigam)	6.82	130	120	7.13	8.8	08	47	0.1
26	0.050 MLD STP Near Tauliya Nala, Srikot, Srinagar. (Operated by: Uttarakhand Peyjal Nigam)	7.39	135	125	8.13	9.2	09	41	0.1
27	0.050 MLD STP, Near BRO Bridge, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan)	6.69	135	140	7.06	9.2	09	63	0.1
28	0.010 MLD STP, Near Temple, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan)	6.58	145	134	7.01	9.6	09	84	0.2
29	0.075 MLD STP at Devprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.02	160	150	7.62	9.6	10	380	0.4



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		pH	BOD	TSS	pH	BOD	TSS	Fecal Coliform	Residual Chlorine
30	0.150 MLD MLD STP at Devprayag. (Operated by: Uttarakhand Peyjal Nigam)	7.05	165	154	7.45	9.2	09	94	0.2
31	1.4 MLD STP at Pauri Road, Devprayag. (Operated by: Uttarakhand Jal Sansthan)	7.02	155	145	7.27	8.8	08	49	Ultra Violet Process.
32	5.0 MLD STP at Bhagirathi Puram, Tehri. (Operated by: Uttarakhand Jal Sansthan)	6.91	170	158	7.10	9.2	09	70	0.2
33	1.0 MLD STP at Gangotri, Distt-Uttarkashi. (Operated by: Uttarakhand Jal Sansthan)	6.77	130	120	7.31	8.8	09	63	0.2
34	2.0 MLD STP at Gyansu, Uttarkashi. (Operated by: Uttarakhand Jal Sansthan)	6.52	155	165	7.19	9.2	10	58	0.2
35	3.5 MLD STP at Tapovan, Rishikesh. (Operated by: Uttarakhand Jal Sansthan)	6.80	170	178	7.55	9.6	10	58	0.2
36	3.0 MLD STP at Swargashram, Rishikesh. (Operated by: Uttarakhand Jal Sansthan)	6.68	185	174	7.51	9.2	09	220	0.2
37	26 MLD STP at Lakkarghat, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam)	7.00	150	140	7.55	9.2	09	49	0.2
38	5.0 MLD STP at Chorpani, Rishikesh (Operated by: Uttarakhand Peyjal Nigam)	7.25	155	145	7.64	9.6	10	130	0.2
39	7.5 MLD STP at Chandreshwar Nagar, Rishikesh (Operated by: Uttarakhand Peyjal Nigam)	7.01	150	142	7.42	10.0	10	49×10 ²	0.4
40	20 MLD STP at Motharawala-I, Dehradun (Operated by: Uttarakhand Jal Sansthan)	7.16	205	190	7.68	8.4	08	63	0.05
41	20 MLD STP at Motharawala-II, Dehradun (Operated by: Uttarakhand Jal Sansthan)	7.30	180	168	7.55	8.0	09	84	0.05
42	68 MLD STP at Kargi, Dehradun. (Operated by: Uttarakhand Jal Sansthan)	6.98	185	170	7.60	7.2	08	58	0.05
43	0.42 MLD STP at Vijay Colony, Dehradun (Operated by: Uttarakhand Jal Sansthan)	7.10	175	160	7.70	8.4	08	150	0.2
44	0.72 MLD STP Salawala, Dehradun (Operated by: Uttarakhand Jal Sansthan)	6.95	240	225	7.57	19.2	20	84	0.05
45	5.0 MLD STP at Indira Nagar, Dehradun (Operated by: Uttarakhand Jal Sansthan)	7.15	220	200	7.85	7.2	08	63	0.2
46	1.0 MLD STP at Jakhan, Dehradun (Operated by: Uttarakhand Jal Sansthan)	7.20	120	115	7.98	10.0	10	58	0.05



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47	27 MLD STP at Jagjeetpur, Haridwar (Operated by: Uttarakhand Jal Sansthan)	6.70	160	178	7.20	9.6	10.0	110	0.2
48	18 MLD STP at Jagjeetpur, Haridwar (Operated by: Uttarakhand Jal Sansthan)	6.80	145	158	7.10	9.2	9.6	120	0.05
49	68 MLD STP at Jagjeetpur, Haridwar (Operated by: Uttarakhand Peyjal Nigam)	6.80	140	180	7.80	8.4	9.2	94	0.2
50	18 MLD STP at Sarai, Haridwar (Operated by: Uttarakhand Jal Sansthan)	6.90	160	180	7.90	6.8	8.4	84	0.2
51	14 MLD STP at Sarai, Haridwar (Operated by: Uttarakhand Peyjal Nigam)	7.10	175	210	7.50	9.6	10	94	0.1
52	33 MLD STP at Saliyar, Roorkee, Haridwar (Operated by: Asian Development Bank, PIU, Roorkee)	7.10	165	158	7.40	9.6	10	110	0.2
53	1.3 MLD STP at Landour (S), Mussoorie (Operated by: Uttarakhand Jal Sansthan)	7.10	145	134	8.55	10.0	09	130	0.1
54	3.12 MLD STP at Bhatta fall, Mussoorie (Operated by: Uttarakhand Jal Sansthan)	6.98	135	125	7.51	9.2	08	63	0.1
55	0.8 MLD STP at Landour (N), Mussoorie (Operated by: Uttarakhand Jal Sansthan)	7.29	155	146	7.78	9.6	09	94	0.1
56	1.2 MLD STP at Happy Valley, Mussoorie (Operated by: Uttarakhand Jal Sansthan)	7.23	155	145	7.64	10.4	12	470	0.2
57	0.9 MLD STP at Kurli Bazaar, Mussoorie (Operated by: Uttarakhand Jal Sansthan)	6.60	145	136	8.24	9.2	08	70	0.1
58	2.0 MLD STP Bakh, Almora, Distt- Almora (Operated by: Uttarakhand Jal Sansthan)	7.11	120	152	7.83	24	30	150	0.22
59	0.45 MLD STP at Hari Nagar, Distt- Nainital (Operated by: Uttarakhand Jal Sansthan)	6.98	120	146	7.75	18	22	210	0.20
60	0.80 MLD STP at Krishnapur, Distt- Nainital (Operated by: Uttarakhand Jal Sansthan)	6.79	140	182	7.16	24	32	220	0.17
61	1.25 MLD STP at Bheemtal, Distt- Nainital (Operated by: Uttarakhand Jal Sansthan)	6.75	160	208	8.16	20	26	150	0.26
62	5.0 MLD STP at Aincholi, Distt- Pithoragarh (Operated by: Uttarakhand Peyjal Nigam)	6.95	110	138	7.16	12	15	280	Ultra Violet Process.



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		Inlet of STP			Outlet of STP				
		pH	BOD	TSS	pH	BOD	TSS	Fecal Coliform	Residual Chlorine
63	1.25 MLD STP at Nirada, Distt-Pithoragarh (Operated by: Uttarakhand Peyjal Nigam)	7.14	90	112	7.36	08	10	110	Ultra Violet Process.
64	1.5 MLD STP at Puchdi, Ramnagar, Nainital (Operated by: Uttarakhand Jal Sansthan)	6.71	140	162	7.73	10	14	280	Ultra Violet Process.
65	7.0 MLD STP Transport Nagar, Ramnagar, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan)	7.15	160	194	7.41	14	18	350	Ultra Violet Process.
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)	6.95	180	216	7.59	22	28	430	0.11
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).									

*Residual Chlorine is measured as indicative value by Chloroscope Test Kit .