

Status of Sewage Treatment Plants in Uttarakhand (December 2023 to March, 2024)

- o Commissioned STPs - 53 (18 towns) with designed capacity – 343.8 MLD
- o Operational STPs – 50 (Operational capacity - 329.8 MLD) with Utilized capacity – 227.5 MLD (~69% of operational capacity)
- o Compliance Status of operational STPs

	Compliance w.r.t. Hon'ble NGT vide order 30.04.2019	Compliance Status w.r.t MoEF&CC norms dated
Complying	1	9
Non-complying	49	41

- o Non-operational STPs – 3 (Designed capacity – 14.04 MLD)
- o STPs complying for Faecal Coliform norms (<230 MPN/100ml) – 9
- o STPs non-complying for Faecal Coliform norms (>230 MPN/100ml) – 41
- o Operational STPs having Disinfection system– 51 (50 STPs operational)
- o Tekla STP found non-operational in last 6 monitoring – 12.03.2022, 03.06.2022, 20.02.2023, 20.05.2023, 08.10.2023, 02.03.2024
- o BOD removal efficiency range: ≤50% - 12 STPs; 50-70% - 8 STPs; 70-90%-13 STPs and ≥90% - 13 STPs
- o STPs operating below capacity (75% of designed capacity) – 33 STPs
- o STPs operating over capacity - 7 STPs

Operational and Compliance status of Sewage Treatment Plants in Uttarakhand

S. No	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Date of Monitoring	Operational/ Non-Operational Status	Compliance Status w.r.t Hon'ble NGT norms dated 30.4.2019	Compliance w.r.t. MoEF norms dtd 13.10.2017
1	Gangotri	Gangotri	SBR	1	07.10.2023	Operational	Non-complying BOD,COD,TSS,TN, FC	Non-complying BOD, FC
2	Badrinath 1.0 MLD STP	Badrinath	SBR	1	16.10.2023	Operational	Complying	Complying
3	Badrinath 0.01MLD STP	Badrinath	MBBR	0.01	16.10.2023	Non-operational		
4	Badrinath 0.26 MLD STP	Badrinath	SBR	0.26	16.10.2023	Operational	Non-complying BOD,COD,TSS, TN and FC	Non-complying BOD,TSS, FC
5	Old Suspension bridge	Chamoli-Gopeshwar	EC	0.05	22.03.2024	Operational	Non-complying BOD,COD,TSS,TN,FC	Non-complying BOD,FC
6	Chamoli Ghat	Chamoli-Gopeshwar	EC	0.76	01.02.2024	Operational	Non-complying BOD,COD,TN,FC	Non-complying BOD,FC
7	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	EC	1.19	01.02.2024	Operational	Non-complying BOD,COD,TN,FC	Non-complying FC
8	Pokhri Bend STP	Chamoli-Gopeshwar	EC	1.25	01.02.2024	Operational	Non-complying BOD,COD,TSS,TN,FC	Non-complying BOD,FC

S. No	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Date of Monitoring	Operational/ Non-Operational Status	Compliance Status w.r.t Hon'ble NGT norms dated 30.4.2019	Compliance w.r.t. MoEF norms dtd 13.10.2017
9	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	EC	1.12	01.02.2024	Operational	Non-complying BOD,COD,TSS, TN,FC	Non-complying BOD,FC
10	Pokhri, Joshimath 1.08 MLD	Joshimath	SBR	1.08	01.4.2024	Operational	Non-complying BOC,COD,FC	Non-complying FC
11	Marwari, Joshimath,	Joshimath	SBR	2.7	01.04.2024	Operational	Non-complying BOD,COD,TSS	Complying
12	Forest Nala STP	Nandpraya g	EC	0.10	03.03.2024	Operational	Non-complying BOD,COD,TSS, TN,FC	Non-complying FC
13	Sangam Nala STP	Nandpraya g	EC	0.05	03.03.2024	Operational	Non-complying BOD,COD,TN,FC	Complying
14	Near Police Chowki STP 01	Karanpray ag	EC	0.05	04.03.2024	Operational	Non-complying BOD,COD	Complying
15	Old Bridge STP 02	Karanpray ag	EC	0.1	04.03.2024	Operational	Non-complying BOD,COD,TSS, TN,FC	Non-complying FC,BOD
16	Near Ward 1 & 3 STP 05	Karanpray ag	EC	0.1	04.03.2024	Operational	Non-complying BOD,COD,FC	Non-complying FC
17	BRO Bridge STP 04	Karanpray ag	EC	0.05	04.03.2024	Operational	Non-complying BOD,COD,FC	Non-complying BOD,FC
18	Subhash Nagar STP 03	Karanpray ag	EC	0.05	04.03.2024	Operational	Non-complying BOD,COD,TN,FC	Non-complying FC
19	Near SBI Bank STP	Rudrapray ag	EC	0.1	08.03.2024	Operational	Non-complying BOD,COD,TSS,FC	Non-complying BOD,FC
20	Near Dart Pull STP	Rudrapray ag	EC	0.075	08.03.2024	Operational	Non-complying BOD,COD,TSS,FC	Non-complying BOD,TSS,FC
21	Army Bend (Rudra Complex) STP 02	Rudrapray ag	EC	0.1	08.03.2024	Operational	Non-complying BOD,COD,FC	Non-complying FC
22	Near Steel Bridge	Rudrapray ag	EC	0.125	08.03.2024	Operational	Non-complying BOD,COD,FC	Non-complying BOD,FC
23	Baleni Road	Rudrapray ag	EC	0.05	08.03.2024	Operational	Non-complying BOD,COD,TSS,FC	Non-complying BOD,FC
24	Gyansu	Uttarkashi	MBBR	2	02.03.2024	Operational	Non-complying BOD,COD, TSS, FC	Non-complying FC
25	Tekla STP	Uttarkashi	Biodigester	0.03	02.03.2024	Non-operational		
26	Tehri	Tehri	ASP	5	28.03.2024	Operational	Non-complying BOD,COD,TN	Non-complying BOD
27	0.075 MLD STP Junior High School, Srikot	Srikot-Srinagar	FAB	0.075	04.04.2024	Operational	Non-complying COD,TSS,TN,FC	Non-complying FC

S. No	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Date of Monitoring	Operational/ Non-Operational Status	Compliance Status w.r.t Hon'ble NGT norms dated 30.4.2019	Compliance w.r.t. MoEF norms dtd 13.10.2017
28	0.05 MLD Taulia STP Srikot	Srikot-Srinagar	FAB	0.05	04.04.2024	Operational	Non-complying COD,FC	Non-complying FC
29	Srinagar	Srinagar	FAB	3.5	04.04.2024	Operational	Non-complying COD,TSS,FC	Non-complying FC
30	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	SBR	1	04.04.2024	Operational	Non-complying COD,TSS,FC	Non-complying FC
31	Kirtinagar	Kirti Nagar	FAB	0.05	09.03.2024	Operational	Non-complying BOD,COD,TSS,FC	Non-complying BOD,FC
32	Kirtinagar	Kirti Nagar	FAB	0.01	09.03.2024	Operational	Non-complying BOD,COD,TSS,FC	Non-complying BOD,TSS,FC
33	Bah Bazar Devprayag	Devprayag	SBT (Soil Bio-technology)	1.4	10.03.2024	Operational	Non-complying BOD,COD,FC	Non-complying FC
34	Sangam Bazar Devprayag	Devprayag	SBR	0.15	10.03.2024	Operational	Non-complying BOD,COD	Complying
35	Shanti Bazar Devprayag	Devprayag	SBR	0.075	10.03.2024	Operational	Non-complying BOD,COD,TSS,FC	Non-complying FC
36	Tapovan	Tapovan	SBR	3.5	28.03.2024	Operational	Non-complying BOD,COD,TSS,FC,TN	Non-complying BOD,FC
37	Lakkarghat, Rishikesh	Rishikesh	SBR	26	03.03.2024	Operational	Non-complying BOD,COD	Complying
38	Muni ki Reti	Muni ki Reti	MBBR	5	29.03.2024	Operational	Non-complying BOD,COD,TSS,TN,FC	Non-complying BOD,FC
39	Chandreshwar STP	Muni ki Reti	MBBR	7.5	28.03.2024	Operational	Non-complying BOD,COD,FC	Non-complying BOD,FC
40	Swarg Ashram Rishikesh	Rishikesh	SBR	3	03.03.2024	Operational	Non-complying BOD,COD	Complying
41	Rishikesh, IDPL	Rishikesh	ASP	14	29.03.2024	Non-operational		
42	Jagjeetpur, Haridwar (27 MLD)	Haridwar	SBR	27	19.03.2024	Operational	Non-complying BOD,COD,FC	Non-complying BOD,FC
43	Jagjeetpur Haridwar (68 MLD)	Haridwar	SBR	68	19.03.2024	Operational	Non-complying BOD,COD,FC	Complying
44	Jagjeetpur, Haridwar (18 MLD)	Haridwar	ASP	18	19.03.2024	Operational	Non-complying BOD,COD,FC	Non-complying FC
45	Sarai, Jawalapur STP	Haridwar	SBR	14	18.03.2024	Operational	Non-complying BOD,COD,FC	Non-complying BOD,FC

S. No	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Date of Monitoring	Operational/ Non-Operational Status	Compliance Status w.r.t Hon'ble NGT norms dated 30.4.2019	Compliance w.r.t. MoEF norms dtd 13.10.2017
46	Sarai, Jawalapur STP	Haridwar	SBR	18	18.03.2024	Operational	Non-complying BOD,COD,FC	Non-complying FC
47	Old Mothrowala	Dehradun	SBR	20	18.03.2024	Operational	Non-complying BOD,COD,TN	Non-complying BOD
48	New Mothrowala	Dehradun	SBR	20	18.03.2024	Operational	Non-complying BOD,COD,TSS,TN,FC	Non-complying FC
49	Kargi	Dehradun	SBR	68	18.03.2024	Operational	Non-complying BOD,COD,TN,FC	Non-complying BOD
50	Jakhan	Dehradun	SBR	1	19.03.2024	Operational	Non-complying BOD,COD,TSS,TN,FC	Non-complying BOD,FC
51	Salawala	Dehradun	SBR	0.71	18.03.2024	Operational	Non-complying BOD,COD,FC	Non-complying FC
52	Vijay Colony	Dehradun	SBR	0.42	19.03.2024	Operational	Non-complying BOD,COD,TSS,TN,FC	Non-complying BOD,FC
53	Indira Nagar	Dehradun	SBR	5	19.03.2024	Operational	Non-complying BOD,COD,TN	Complying -

- STPs complying to BOD Norms (<10mg/l) in Uttarakhand (December, 2023 to March, 2024) w.r.t. NGT and MoEF&CC norms

S.No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	BOD (≤10 mg/l)
1	Badrinath 1.0 MLD STP	Badrinath	1	3

- STPs complying to BOD Norms (11-30mg/l) in Uttarakhand (December, 2023 to March, 2024) w.r.t. MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	BOD (11 mg/l to 30 mg/l)
1	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	25
2	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	24
3	Marwari, Joshimath,	Joshimath	2.7	24
4	Forest Nala STP	Nandprayag	0.10	23
5	Sangam Nala STP	Nandprayag	0.05	15
6	Near Police Chowki STP 01	Karanprayag	0.05	11
7	Near Ward 1 & 3 STP 05	Karanprayag	0.1	15
8	Subhash Nagar STP 03	Karanprayag	0.05	21
9	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	30
10	Gyansu	Uttarkashi	2	21
11	Bah Bazar Devprayag	Devprayag	1.4	11
12	Sangam Bazar Devprayag	Devprayag	0.15	19
13	Shanti Bazar Devprayag	Devprayag	0.075	21
14	Lakkarghat, Rishikesh	Rishikesh	26	11
15	Swarg Ashram Rishikesh	Rishikesh	3	12
16	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	22
17	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	30
18	Sarai, Jawalapur STP	Haridwar	18	24
19	New Mothrowala	Dehradun	20	21
20	Salawala	Dehradun	0.71	15
21	Indira Nagar	Dehradun	5	20

- STPs non-complying to BOD Norms (> 30mg/l) in Uttarakhand (December 2023 to March, 2024) w.r.t. NGT and MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	BOD (> 30 mg/l)
1	Gangotri	Gangotri	1	131
2	Badrinath 0.26 MLD STP	Badrinath	0.26	142
3	Old Suspension bridge	Chamoli-Gopeshwar	0.05	65
4	Chamoli Ghat	Chamoli-Gopeshwar	0.76	62
5	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	53
6	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	48
7	Old Bridge STP 02	Karanprayag	0.1	92
8	BRO Bridge STP 04	Karanprayag	0.05	39
9	Near SBI Bank STP	Rudraprayag	0.1	120
10	Near Dart Pull STP	Rudraprayag	0.075	36
11	Near Steel Bridge	Rudraprayag	0.125	33
12	Baleni Road	Rudraprayag	0.05	44
13	Tehri	Tehri	5	32
14	Kirtinagar	Kirti Nagar	0.05	38
15	Kirtinagar	Kirti Nagar	0.01	182
16	Tapovan	Tapovan	3.5	39
17	Muni ki Reti	Muni ki Reti	5	34
18	Chandreshwar STP	Muni ki Reti	7.5	34
19	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	32
20	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	33
21	Old Mothrowala	Dehradun	20	40
22	Kargi	Dehradun	68	36
23	Jakhan	Dehradun	1	39
24	Vijay Colony	Dehradun	0.42	44

- STPs complying to COD (≤ 50 mg/l) in Uttarakhand (December 2023 to March, 2024) w.r.t. NGT Norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	COD (≤ 50 mg/l)
1	Badrinath 1.0 MLD STP	Badrinath	1	21

- STPs non-complying to COD (≥ 50 mg/l) in Uttarakhand (December 2023 to March, 2024) w.r.t. NGT norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	COD (≥ 50 mg/l)
1	Gangotri	Gangotri	1	292
2	Badrinath 0.26 MLD STP	Badrinath	0.26	336
3	Old Suspension bridge	Chamoli-Gopeshwar	0.05	192
4	Chamoli Ghat	Chamoli-Gopeshwar	0.76	227
5	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	115
6	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	176
7	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	170
8	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	88
9	Marwari, Joshimath,	Joshimath	2.7	93
10	Forest Nala STP	Nandprayag	0.10	85
11	Sangam Nala STP	Nandprayag	0.05	66
12	Near Police Chowki STP 01	Karanprayag	0.05	56
13	Old Bridge STP 02	Karanprayag	0.1	290
14	Near Ward 1 & 3 STP 05	Karanprayag	0.1	65
15	BRO Bridge STP 04	Karanprayag	0.05	150
16	Subhash Nagar STP 03	Karanprayag	0.05	81
17	Near SBI Bank STP	Rudraprayag	0.1	300
18	Near Dart Pull STP	Rudraprayag	0.075	123
19	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	91
20	Near Steel Bridge	Rudraprayag	0.125	101
21	Baleni Road	Rudraprayag	0.05	125
22	Gyansu	Uttarkashi	2	108
23	Tehri	Tehri	5	103
24	0.075 MLD STP Junior High School, Srikot	Srikot-Srinagar	0.075	254
25	0.05 MLD Taulia STP Srikot	Srikot-Srinagar	0.05	116
26	Srinagar	Srinagar	3.5	156
27	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	113
28	Kirtinagar	Kirti Nagar	0.05	116
29	Kirtinagar	Kirti Nagar	0.01	435
30	Bah Bazar Devprayag	Devprayag	1.4	61
31	Sangam Bazar Devprayag	Devprayag	0.15	86
32	Shanti Bazar Devprayag	Devprayag	0.075	91
33	Tapovan	Tapovan	3.5	124
34	Lakkarghat, Rishikesh	Rishikesh	26	52
35	Muni ki Reti	Muni ki Reti	5	114
36	Chandreshwar STP	Muni ki Reti	7.5	112
37	Swarg Ashram Rishikesh	Rishikesh	3	58
38	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	102
39	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	89
40	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	98
41	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	106
42	Sarai, Jawalapur STP	Haridwar	18	86
43	Old Mothrowala	Dehradun	20	121
44	New Mothrowala	Dehradun	20	82
45	Kargi	Dehradun	68	114
46	Jakhan	Dehradun	1	118
47	Salawala	Dehradun	0.71	63

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	COD (≥ 50 mg/l)
48	Vijay Colony	Dehradun	0.42	154
49	Indira Nagar	Dehradun	5	79

- STPs complying to TSS (≤ 20 mg/l) in Uttarakhand (December 2023 to March, 2024) w.r.t. NGT and MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (≤ 20 mg/l)
1.	Badrinath 1.0 MLD STP	Badrinath	1	16
2.	Chamoli Ghat	Chamoli-Gopeshwar	0.76	BDL
3.	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	14
4.	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	13
5.	Sangam Nala STP	Nandprayag	0.05	12
6.	Near Police Chowki STP 01	Karanprayag	0.05	BDL
7.	Near Ward 1 & 3 STP 05	Karanprayag	0.1	BDL
8.	BRO Bridge STP 04	Karanprayag	0.05	14
9.	Subhash Nagar STP 03	Karanprayag	0.05	11
10.	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	11
11.	Near Steel Bridge	Rudraprayag	0.125	BDL
12.	Tehri	Tehri	5	11
13.	0.05 MLD Taulia STP Srikot	Srikot-Srinagar	0.05	BDL
14.	Bah Bazar Devprayag	Devprayag	1.4	20
15.	Sangam Bazar Devprayag	Devprayag	0.15	BDL
16.	Lakkarghat, Rishikesh	Rishikesh	26	BDL
17.	Chandreshwar STP	Muni ki Reti	7.5	17
18.	Swarg Ashram Rishikesh	Rishikesh	3	BDL
19.	Old Mothrowala	Dehradun	20	12
20.	Kargi	Dehradun	68	BDL
21.	Salawala	Dehradun	0.71	20
22.	Indira Nagar	Dehradun	5	11

- STPs complying to TSS (20 mg/l - 100 mg/l) in Uttarakhand (December 2023 to March, 2024) w.r.t. MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (20 mg/l - 100 mg/l)
1.	Gangotri	Gangotri	1	54
2.	Old Suspension bridge	Chamoli-Gopeshwar	0.05	60
3.	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	52
4.	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	46
5.	Marwari, Joshimath,	Joshimath	2.7	21
6.	Forest Nala STP	Nandprayag	0.10	25
7.	Old Bridge STP 02	Karanprayag	0.1	39
8.	Near SBI Bank STP	Rudraprayag	0.1	44
9.	Baleni Road	Rudraprayag	0.05	23
10.	Gyansu	Uttarkashi	2	52
11.	0.075 MLD STP Junior High School, Srikot	Srikot-Srinagar	0.075	69
12.	Srinagar	Srinagar	3.5	28
13.	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	21

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (20 mg/l - 100 mg/l)
14.	Kirtinagar	Kirti Nagar	0.05	25
15.	Shanti Bazar Devprayag	Devprayag	0.075	24
16.	Tapovan	Tapovan	3.5	23
17.	Muni ki Reti	Muni ki Reti	5	21
18.	New Mothrowala	Dehradun	20	21
19.	Jakhan	Dehradun	1	40
20.	Vijay Colony	Dehradun	0.42	33

- STPs non-complying to TSS (≥ 100 mg/l) in Uttarakhand (December 2023 to March, 2024) w.r.t. MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (≥ 100 mg/l)
1	Badrinath 0.26 MLD STP	Badrinath	0.26	354
2	Near Dart Pull STP	Rudraprayag	0.075	111
3	Kirtinagar	Kirti Nagar	0.01	113

- STPs complying to FC (≤ 230 MPN/100 ml) in Uttarakhand (December 2023 to March, 2024) w.r.t. NGT and MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	FC (≤ 230 MPN/100 ml)
1	Badrinath 1.0 MLD STP	Badrinath	1	20
2	Marwari, Joshimath,	Joshimath	2.7	2
3	Near Police Chowki STP 01	Karanprayag	0.05	130
4	Tehri	Tehri	5	<1.8
5	Sangam Bazar Devprayag	Devprayag	0.15	30
6	Lakkarghat, Rishikesh	Rishikesh	26	<1.8
7	Swarg Ashram Rishikesh	Rishikesh	3	220
8	Old Mothrowala	Dehradun	20	22
9	Indira Nagar	Dehradun	5	2

- STPs complying to FC (230 - 1000 MPN/100 ml) in Uttarakhand (December 2023 to March, 2024) w.r.t. MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (230 - 1000 MPN/100 ml)
1	Sangam Nala STP	Nandprayag	0.05	930
2	Gyansu	Uttarkashi	2	490
3	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	490
4	Kargi	Dehradun	68	930

- STPs non-complying to FC (≥ 1000 MPN/100 ml) in Uttarakhand (December 2023 to March, 2024) w.r.t. MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (≥ 1000 MPN/100 ml)
1.	Gangotri	Gangotri	1	40×10^3
2.	Badrinath 0.26 MLD STP	Badrinath	0.26	14×10^6
3.	Old Suspension bridge	Chamoli-Gopeshwar	0.05	17×10^3
4.	Chamoli Ghat	Chamoli-Gopeshwar	0.76	18×10^5

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (≥ 1000 MPN/100 ml)
5.	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	45×10^2
6.	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	70×10^3
7.	Deen Dayal Uppadyay Park	Chamoli-Gopeshwar	1.12	13×10^4
8.	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	22×10^3
9.	Forest Nala STP	Nandprayag	0.10	20×10^3
10.	Old Bridge STP 02	Karanprayag	0.1	45×10^3
11.	Near Ward 1 & 3 STP 05	Karanprayag	0.1	13×10^4
12.	BRO Bridge STP 04	Karanprayag	0.05	45×10^3
13.	Subhash Nagar STP 03	Karanprayag	0.05	33×10^3
14.	Near SBI Bank STP	Rudraprayag	0.1	78×10^4
15.	Near Dart Pull STP	Rudraprayag	0.075	40×10^2
16.	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	23×10^3
17.	Near Steel Bridge	Rudraprayag	0.125	23×10^4
18.	Baleni Road	Rudraprayag	0.05	33×10^4
19.	0.075 MLD STP Junior High School, Srikot	Srikot-Srinagar	0.075	45×10^6
20.	0.05 MLD Taulia STP Srikot	Srikot-Srinagar	0.05	24×10^6
21.	Srinagar	Srinagar	3.5	17×10^5
22.	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	13×10^2
23.	Kirtinagar	Kirti Nagar	0.05	40×10^3
24.	Kirtinagar	Kirti Nagar	0.01	20×10^4
25.	Bah Bazar Devprayag	Devprayag	1.4	54×10^3
26.	Shanti Bazar Devprayag	Devprayag	0.075	54×10^3
27.	Tapovan	Tapovan	3.5	92×10^4
28.	Muni ki Reti	Muni ki Reti	5	28×10^5
29.	Chandreshwar STP	Muni ki Reti	7.5	21×10^2
30.	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	20×10^2
31.	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	14×10^3
32.	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	16×10^5
33.	Sarai, Jawalapur STP	Haridwar	18	17×10^3
34.	New Mothrowala	Dehradun	20	32×10^4
35.	Jakhan	Dehradun	1	68×10^2
36.	Salawala	Dehradun	0.71	26×10^5
37.	Vijay Colony	Dehradun	0.42	11×10^2

- Performance Analysis of STPs

S.No.	Range of BOD Removal Efficiency (%age)					total	Overall complying		Overall		Non-complying Parameters		Non-operational
	Technology (no.)	<50	50-70	70-90	>90		Hon'ble NGT norms	MoEF&C norms	non-complying		either BOD,COD,TSS/FC		
									Hon'ble NGT norms	MoEF&C norms	Hon'ble NGT norms	MoEF&C norms	
1	SBR (22)	4	0	6	12	22	7	8	15	14	9/14	2/14	0
2	ASP (3)	1	0	1	1	3	0	1	3	2	2/2	0/2	0
3	EC (17)	2	3	6	3	14	1	2	13	12	7/13	3/12	1
4	MBBR/FAB (9)	2	0	5	1	8	0	1	8	7	7/5	5/5	1
5	SBT (1)	0	0	1	0	1	0	0	1	1	1/1	1/1	-
6	Biodigester (1)	-	-	-	-	0	-	-	-	-	0	0	1
	Total	9	3	19	17	48	8	12	40	36	26/35	11/35	3

- STPs having Disinfection system

S.No.	Name of STPs/CETPs	Ganga Front Town	Designed Capacity (MLD)	Disinfection Technology
1	Gangotri	Gangotri	1	Chlorination
2	Badrinath 1.0 MLD STP	Badrinath	1	Chlorination
3	Badrinath 0.26 MLD STP	Badrinath	0.26	Chlorination & UV
4	Old Suspension bridge	Chamoli-Gopeshwar	0.05	Chlorination
5	Chamoli Ghat	Chamoli-Gopeshwar	0.76	Ozonation
6	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	Chlorination
7	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	Chlorination
8	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	Chlorination
9	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	Chlorination
10	Marwari, Joshimath,	Joshimath	2.7	Hypochloride
11	Forest Nala STP	Nandprayag	0.10	Ozonation
12	Sangam Nala STP	Nandprayag	0.05	Ozonation
13	Near Police Chowki STP 01	Karanprayag	0.05	Ozonation
14	Old Bridge STP 02	Karanprayag	0.1	Ozonation
15	Near Ward 1 & 3 STP 05	Karanprayag	0.1	Ozonation
16	BRO Bridge STP 04	Karanprayag	0.05	Ozonation
17	Subhash Nagar STP 03	Karanprayag	0.05	Ozonation
18	Near SBI Bank STP	Rudraprayag	0.1	Ozonation
19	Near Dart Pull STP	Rudraprayag	0.075	Ozonation
20	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	Ozonation
21	Near Steel Bridge	Rudraprayag	0.125	Ozonation
22	Baleni Road	Rudraprayag	0.05	Ozonation
23	Gyansu	Uttarkashi	2	Chlorination
24	Tehri	Tehri	5	Chlorination
25	0.075 MLD STP Junior High School, Srikot	Srikot-Srinagar	0.075	Chlorination
26	0.05 MLD Taulia STP Srikot	Srikot-Srinagar	0.05	Chlorination
27	Srinagar	Srinagar	3.5	Chlorination
28	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	Chlorination
29	Kirtinagar	Kirti Nagar	0.05	Chlorination
30	Kirtinagar	Kirti Nagar	0.01	Chlorination
31	Bah Bazar Devprayag	Devprayag	1.4	UV Treatment System

32	Sangam Bazar Devprayag	Devprayag	0.15	Chlorination
33	Shanti Bazar Devprayag	Devprayag	0.075	Chlorination
34	Tapovan	Tapovan	3.5	Chlorination
35	Lakkarghat, Rishikesh	Rishikesh	26	Chlorination
36	Muni ki Reti	Muni ki Reti	5	Chlorination
37	Chandreshwar STP	Muni ki Reti	7.5	Chlorination
38	Swarg Ashram Rishikesh	Rishikesh	3	Chlorination
39	Rishikesh, IDPL	Rishikesh	14	Chlorination
40	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	Chlorination
41	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	Chlorination
42	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	Chlorination
43	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	Chlorination
44	Sarai, Jawalapur STP	Haridwar	18	Chlorination
45	Old Mothrowala	Dehradun	20	Chlorination
46	New Mothrowala	Dehradun	20	Chlorination
47	Kargi	Dehradun	68	Chlorination
48	Jakhan	Dehradun	1	Chlorination
49	Salawala	Dehradun	0.71	Chlorination
50	Vijay Colony	Dehradun	0.42	Chlorination
51	Indira Nagar	Dehradun	5	Chlorination

• **STPs working below capacity (75% of designed capacity)**

S. No.	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Utilized capacity (MLD)	Compliance Status w.r.t Hon'ble NGT norms dated 30.4.2019	Compliance w.r.t. MoEF norms dtd 13.10.2017
1.	Gangotri	Gangotri	SBR	1	0.2	Non-complying	Non-complying
2.	Badrinath 1.0 MLD STP	Badrinath	SBR	1	0.123	Complying	Complying
3.	Chamoli Ghat	Chamoli-Gopeshwar	EC	0.76	0.35	Non-complying	Non-complying
4.	Deen Dayal Uppadyay Park	Chamoli-Gopeshwar	EC	1.12	0.6	Non-complying	Non-complying
5.	Pokhri, Joshimath 1.08 MLD	Joshimath	SBR	1.08	0.044	Non-complying	Non-complying
6.	Marwari, Joshimath,	Joshimath	SBR	2.7	1.24	Non-complying	Complying
7.	Forest Nala STP	Nandprayag	EC	0.10	0.042	Non-complying	Non-complying
8.	Sangam Nala STP	Nandprayag	EC	0.05	0.015	Non-complying	Complying
9.	Old Bridge STP 02	Karanprayag	EC	0.1	0.06572	Non-complying	Non-complying
10.	Near Ward 1 & 3 STP 05	Karanprayag	EC	0.1	0.07	Non-complying	Non-complying
11.	BRO Bridge STP 04	Karanprayag	EC	0.05	0.0242	Non-complying	Non-complying
12.	Near SBI Bank STP	Rudraprayag	EC	0.1	0.01619	Non-complying	Non-complying
13.	Near Dart Pull STP	Rudraprayag	EC	0.075	0.04008	Non-complying	Non-complying
14.	Army Bend (Rudra Complex) STP 02	Rudraprayag	EC	0.1	0.0287	Non-complying	Non-complying

S. No.	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Utilized capacity (MLD)	Compliance Status w.r.t Hon'ble NGT norms dated 30.4.2019	Compliance w.r.t. MoEF norms dtd 13.10.2017
15.	Near Steel Bridge	Rudraprayag	EC	0.125	0.06897	Non-complying	Non-complying
16.	Baleni Road	Rudraprayag	EC	0.05	0.01436	Non-complying	Non-complying
17.	Tehri	Tehri	ASP	5	2.98	Non-complying	Non-complying
18.	0.05 MLD Taulia STP Srikot	Srikot-Srinagar	FAB	0.05	0.019	Non-complying	Non-complying
19.	Srinagar	Srinagar	FAB	3.5	2.5	Non-complying	Non-complying
20.	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	SBR	1	0.58	Non-complying	Non-complying
21.	Kirtinagar	Kirti Nagar	FAB	0.05	0.03	Non-complying	Non-complying
22.	Bah Bazar Devprayag	Devprayag	SBT (Soil Bio-technology)	1.4	0.072	Non-complying	Non-complying
23.	Sangam Bazar Devprayag	Devprayag	SBR	0.15	0.09232	Non-complying	Complying
24.	Shanti Bazar Devprayag	Devprayag	SBR	0.075	0.01192	Non-complying	Non-complying
25.	Tapovan	Tapovan	SBR	3.5	1.43	Non-complying	Non-complying
26.	Lakkarghat, Rishikesh	Rishikesh	SBR	26	17	Non-complying	Complying
27.	Muni ki Reti	Muni ki Reti	MBBR	5	2.44	Non-complying	Non-complying
28.	Old Mothrowala	Dehradun	SBR	20	14	Non-complying	Non-complying
29.	New Mothrowala	Dehradun	SBR	20	7	Non-complying	Non-complying
30.	Kargi	Dehradun	SBR	68	11	Non-complying	Non-complying
31.	Jakhan	Dehradun	SBR	1	0.1	Non-complying	Non-complying
32.	Salawala	Dehradun	SBR	0.71	0.25	Non-complying	Non-complying
33.	Indira Nagar	Dehradun	SBR	5	2.8	Non-complying	Complying

● **STPs working over capacity**

S. No.	Name of STPs/CETPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Utilized capacity (MLD)	Date of monitoring	Compliance Status w.r.t Hon'ble NGT norms dated 30.4.2019	Compliance w.r.t. MoEF norms dtd 13.10.2017
1	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	EC	1.19	1.5	01.02.2024	Non-complying	Non-complying
2	Gyansu	Uttarkashi	MBBR	2	2.5	02.03.2024	Non-complying	Non-complying
3	0.075 MLD STP Junior High School, Srikot	Srikot-Srinagar	FAB	0.075	0.1	04.04.2024	Non-complying	Non-complying
4	Kirtinagar	Kirti Nagar	FAB	0.01	0.02281	09.03.2024	Non-complying	Non-complying
5	Chandreshwar STP	Muni ki Reti	MBBR	7.5	7.517	28.03.2024	Non-complying	Non-complying
6	Jagjeetpur Haridwar (68 MLD)	Haridwar	SBR	68	71	19.03.2024	Non-complying	Complying

S. No.	Name of STPs/CETPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Utilized capacity (MLD)	Date of monitoring	Compliance Status w.r.t Hon'ble NGT norms dated 30.4.2019	Compliance w.r.t. MoEF norms dtd 13.10.2017
7	Sarai, Jawalapur STP (14 MLD)	Haridwar	SBR	14	16.34	18.03.2024	Non-complying	Non-complying

NGT Standards: Compliance based on norms prescribed by Hon'ble NGT vide order dt 30.04.2019 in the matter of OA no. 1069/2018 (pH – 5.5-9.0, BOD <10mg/l, TSS< 20mg/l, COD< 50mg/l; Faecal Coliform – desirable <100MPN/100ml & permissible < 230 MPN/100 ml, Nitrogen-Total < 10 mg/l and Phosphorous-Total < 1.0 mg/l (TP compliance for discharge into ponds and lakes).

Compliance compared with MoEF&CC notification dt. 13.10.2017: Standard for treated sewage from STPs for cities other than metro cities, state capitals and union territories were notified as pH-6.5-9.0, BOD as 30mg/L, Total suspended solids (TSS) as less than 100mg/L and Faecal coliform as less than 1000MPN per 100mL.