

Status of Sewage Treatment Plants in Uttarakhand (Jan - March, 2023)

- Commissioned STPs - 53 (18 towns) with designed capacity – 341.3 MLD
- Operational STPs – 49 (Operational capacity -341.0 MLD) with Utilized capacity – 234.3 MLD (~68.6% of operational capacity)
- 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 13.10.2017

Complying	11	18
Non-complying	38	31

Non-operational STPs – 4 (Designed capacity – 0.3 MLD)

- STPs complying for Faecal Coliform norms (<230 MPN/100ml) – 15
- STPs non-complying for Faecal Coliform norms (>230 MPN/100ml) – 34
- Operational STPs having Disinfection system– 49
- Severe overflow was observed at 5 MLD STP Chorpani, Rishikesh – 17 MLD on 20.06.2023. As per operator, severe overflow situation is prevailing for more than 2 months due to pumping of excess sewage from Chandreshwar nagar SPS.
- Tekla STP found non-operational in last 4 monitoring – 12.03.2022, 03.06.2022, 20.02.2023, 20.05.2023
- BOD removal efficiency range: ≤50%-5 STPs; 50-70%-8 STPs; 70-90%-11 STPs and ≥90%-24
- STPs operating under-capacity - 34 STPs
- STPs operating over-capacity - 4 STP

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 Inspection	Operational /Non-Operational Status	Compliance Status w.r.t Hon'ble NGT norms dated 30.04.2019	Compliance Status w.r.t MoEF&CC norms dated 13.10.2017
1	Gangotri	Gangotri	SBR	1	04.06.2022	Operational	Non-complying COD, BOD	Complying -
2	Badrinath 1.0 MLD STP	Badrinath	SBR	1	08.06.2022	Operational	Non-complying FC	Non-complying FC
3	Badrinath 0.01MLD STP	Badrinath	MBBR	0.01	08.06.2022	Operational	Non-complying BOD, COD, TSS, FC	Non-complying TSS, BOD, FC
4	Badrinath 0.26 MLD STP	Badrinath	SBR	0.26	08.06.2022	Operational	Non-complying BOD, COD, TSS, FC	Non-complying TSS, BOD, FC
5	Old Suspension bridge	Chamoli-Gopeshwar	EC	0.05	01.02.2023	Non-operational	-	-
6	Chamoli Ghat	Chamoli-Gopeshwar	EC	0.76	01.02.2023	Operational	Complying -	Complying -

S. No.	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Date of Inspection	Operational /Non-Operational Status	Compliance Status w.r.t Hon'ble NGT norms dated 30.04.2019	Compliance Status w.r.t MoEF&CC norms dated 13.10.2017
7	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	EC	1.19	01.02.2023	Operational	Non-complying FC	Non-complying FC
8	Pokhri Bend STP	Chamoli-Gopeshwar	EC	1.25	0.1.02.2023	Operational	Complying	Complying
9	Deen Dayal Uppaday Park	Chamoli-Gopeshwar	EC	1.12	01.02.2023	Operational	Non-complying BOD, COD, FC	Complying
10	Pokhri, Joshimath 1.08 MLD	Joshimath	SBR	1.08	09.06.2022	Operational	Complying	Complying
11	Forest Nala STP	Nandprayag	EC	0.10	21.03.2023	Non-operational	-	-
12	Sangam Nala STP	Nandprayag	EC	0.05	21.03.2023	Operational	Non-complying BOD, COD, TSS, TN	Complying
13	Near Police Chowki STP 01	Karanprayag	EC	0.05	21.03.2023	Operational	Non-complying FC	Non-complying FC
14	Old Bridge STP 02	Karanprayag	EC	0.1	21.03.2023	Operational	Non-complying TSS, FC	Non-complying FC
15	Near Ward 1 & 3 STP 05	Karanprayag	EC	0.1	21.03.2023	Operational	complying	Complying
16	BRO Bridge STP 04	Karanprayag	EC	0.05	21.03.2023	Operational	Non-complying FC	Non-complying FC
17	Subhash Nagar STP 03	Karanprayag	EC	0.05	21.03.2023	Operational	Non-complying BOD, COD, TSS, T.N, FC	Non-complying BOD, FC
18	Near SBI Bank STP	Rudraprayag	EC	0.1	22.03.2023	Operational	Non-complying BOD, COD,TSS, T.N & FC	Non-complying BOD, FC
19	Near Dart Pull STP	Rudraprayag	EC	0.075	22.03.2023	Operational	Non-complying FC	Complying

S. No.	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Date of Inspection	Operational /Non-Operational Status	Compliance Status w.r.t Hon'ble NGT norms dated 30.04.2019	Compliance Status w.r.t MoEF&CC norms dated 13.10.2017
20	Army Bend (Rudra Complex) STP 02	Rudraprayag	EC	0.1	22.03.2023	Operational	Non-complying FC	Non-complying FC
21	Anoop Negi Memorial School STP	Rudraprayag	EC	0.075	22.03.2023	Non-operational	Dismantled	Dismantled
22	Near Steel Bridge	Rudraprayag	EC	0.125	22.03.2023	Operational	Non-complying FC	Non-complying FC
23	Baleni Road	Rudraprayag	EC	0.05	22.03.2023	Operational	Non-complying BOD, COD, TSS, FC, T.N	Non-complying FC
24	Gyansu	Uttarkashi	MBBR	2	20.02.2023	Operational	Non-complying TSS, COD, BOD, FC	Non-complying FC
25	Tekla STP	Uttarkashi	Biodigester	0.03	20.2.2023	Non-operational	-	-
26	Tehri	Tehri	ASP	5	15.03.2023	Operational	Non-complying T. N, FC	Non-complying FC
27	0.075 MLD STP Junior High School, Srikot	Srikot	Fluidized Aerobic Bed (FAB) with PVA Gel media	0.075	27.03.2023	Operational	Non-complying BOD, COD, TSS, FC	Complying
28	0.05 MLD Taulia STP Srikot	Srikot	Fluidized Aerobic Bed (FAB) with PVA Gel media	0.05	27.03.2023	Operational	Non-complying BOD, COD, FC	Non-complying FC
29	Srinagar	Srinagar	FAB	3.5	28.03.2023	Operational	Non-complying BOD, COD TSS & FC	Non-complying FC
30	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	SBR	1	28.03.2023	Operational	Complying	Complying

S. No.	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Date of Inspection	Operational /Non-Operational Status	Compliance Status w.r.t Hon'ble NGT norms dated 30.04.2019	Compliance Status w.r.t MoEF&CC norms dated 13.10.2017
31	Kirtinagar	Kirti Nagar	Fluidized Aerobic Bed (FAB) with PVA Gel media	0.05	27.03.2023	Operational	Non-complying BOD, COD, TSS, FC	Non-complying FC
32	Kirtinagar	Kirti Nagar	FAB-PVA Gel Based	0.01	27.03.2023	Operational	Non-complying COD, TSS, BOD & FC	Non-complying TSS, BOD, FC
33	Bah Bazar Devprayag	Devprayag	SBT (Soil Bio-technology)	1.4	28.02.2023	Operational	Non-complying TSS, BOD, COD & FC	Non-complying BOD, FC
34	Sangam Bazar Devprayag	Devprayag	SBR	0.15	28.02.2023	Operational	Non-complying COD, BOD, TSS, FC	Non-complying FC
35	Shanti Bazar Devprayag	Devprayag	SBR	0.075	28.02.2023	Operational	Non-complying TSS, FC	Non-complying FC
36	Tapovan	Tapovan	SBR	3.5	01.03.2023	Operational	Non-complying FC	Non-complying FC
37	Lakkarghat, Rishikesh	Rishikesh	SBR	26	27.02.2023	Operational	Non-complying COD, BOD, FC, TN	Non-complying FC
38	Muni ki Reti	Muni ki Reti	MBBR	5	28.02.2023	Operational	Non-complying BOD, COD	Complying
39	Chandreshwar STP	Muni ki Reti	MBBR	7.5	28.02.2023	Operational	Non-complying BOD, FC	Non-complying FC
40	Swarg Ashram Rishikesh	Rishikesh	SBR	3	01.03.2023	Operational	Non-complying FC	Non-complying FC
41	Rishikesh, IDPL	Rishikesh	ASP	14	02.03.2023	Operational	Non-complying BOD, COD, TSS, T.N & FC	Non-complying FC
42	Jagjeetpur, Haridwar (27 MLD)	Haridwar	SBR	27	14.03.2023	Operational	Non-complying FC	Non-complying FC
43	Jagjeetpur Haridwar (68 MLD)	Haridwar	SBR	68	14.03.2023	Operational	Non-complying FC	Non-complying FC

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44	Jagjeetpur, Haridwar (18 MLD)	Haridwar	ASP	18	14.03.2023	Operational	Non-complying FC, T.N, COD	Non-complying FC
45	Sarai, Jawalapur STP (14 MLD)	Haridwar	SBR	14	13.03.2023	Operational	Non-complying BOD, COD, T.N, FC	Non-complying FC
46	Sarai, Jawalapur STP	Haridwar	SBR	18	13.03.2023	Operational	Non-complying T.N	Complying -
47	Old Mothrowala	Dehradun	SBR	20	20.03.2023	Operational	Complying	Complying
48	New Mothrowala	Dehradun	SBR	20	20.03.2023	Operational	Complying	Complying
49	Kargi	Dehradun	SBR	68	22.03.2023	Operational	Complying	Complying
50	Jakhan	Dehradun	SBR	1	21.03.2023	Operational	Complying	Complying
51	Salawala	Dehradun	SBR	0.71	21.03.2023	Operational	Complying	Complying
52	Vijay Colony	Dehradun	SBR	0.42	21.02.2023	Operational	Non-complying FC	Non-complying FC
53	Indira Nagar	Dehradun	SBR	5	21.03.2023	Operational	complying	complying

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	BOD (≤ 10 mg/l)
1	Chamoli Ghat	Chamoli-Gopeshwar	0.76	2
2	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	3
3	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	8
4	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	9
5	Near Police Chowki STP 01	Karanprayag	0.05	2
6	Old Bridge STP 02	Karanprayag	0.1	5
7	Near Ward 1 & 3 STP 05	Karanprayag	0.1	1
8	BRO Bridge STP 04	Karanprayag	0.05	4
9	Near Dart Pull STP	Rudraprayag	0.075	2
10	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	7
11	Near Steel Bridge	Rudraprayag	0.125	4
12	Tehri	Tehri	5	9
13	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	2
14	Shanti Bazar Devprayag	Devprayag	0.075	7
15	Tapovan	Tapovan	3.5	8

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	BOD (≤ 10 mg/l)
16	Swarg Ashram Rishikesh	Rishikesh	3	2
17	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	3
18	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	3
19	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	10
20	Sarai, Jawalapur STP	Haridwar	18	3
21	Old Mothrowala	Dehradun	20	5
22	New Mothrowala	Dehradun	20	5
23	Kargi	Dehradun	68	3
24	Jakhan	Dehradun	1	2
25	Salawala	Dehradun	0.71	4
26	Vijay Colony	Dehradun	0.42	2
27	Indira Nagar	Dehradun	5	4

- STPs complying to BOD Norms (11-30mg/l) in Uttarakhand (Jan - March, 2023) 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	Gangotri	Gangotri	1	11
2	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	16
3	Sangam Nala STP	Nandprayag	0.05	17
4	Baleni Road	Rudraprayag	0.05	14
5	Gyansu	Uttarkashi	2	16
6	0.075 MLD STP Junior High School, Srikot	Srikot	0.075	25
7	0.05 MLD Taulia STP Srikot	Srikot	0.05	11
8	Srinagar	Srinagar	3.5	29
9	Kirtinagar	Kirti Nagar	0.05	29
10	Sangam Bazar Devprayag	Devprayag	0.15	18
11	Lakkarghat, Rishikesh	Rishikesh	26	14
12	Muni ki Reti	Muni ki Reti	5	11
13	Chandreshwar STP	Muni ki Reti	7.5	17
14	Rishikesh, IDPL	Rishikesh	14	29
15	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	17

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	BOD (≥ 30 mg/l)
1	Badrinath 0.01MLD STP	Badrinath	0.01	1237
2	Badrinath 0.26 MLD STP	Badrinath	0.26	196
3	Subhash Nagar STP 03	Karanprayag	0.05	42
4	Near SBI Bank STP	Rudraprayag	0.1	80
5	Kirtinagar	Kirti Nagar	0.01	72
6	Bah Bazar Devprayag	Devprayag	1.4	42

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	COD (≤ 50 mg/l)
1	Chamoli Ghat	Chamoli-Gopeshwar	0.76	8
2	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	18
3	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	36
4	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	48
5	Near Police Chowki STP 01	Karanprayag	0.05	8
6	Old Bridge STP 02	Karanprayag	0.1	30
7	Near Ward 1 & 3 STP 05	Karanprayag	0.1	8

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	COD (≤ 50 mg/l)
8	BRO Bridge STP 04	Karanprayag	0.05	26
9	Near Dart Pull STP	Rudraprayag	0.075	11
10	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	24
11	Near Steel Bridge	Rudraprayag	0.125	27
12	Tehri	Tehri	5	36
13	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	7
14	Shanti Bazar Devprayag	Devprayag	0.075	36
15	Tapovan	Tapovan	3.5	44
16	Chandreshwar STP	Muni ki Reti	7.5	48
17	Swarg Ashram Rishikesh	Rishikesh	3	28
18	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	17
19	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	22
20	Sarai, Jawalapur STP	Haridwar	18	21
21	Old Mothrowala	Dehradun	20	34
22	New Mothrowala	Dehradun	20	34
23	Kargi	Dehradun	68	23
24	Jakhan	Dehradun	1	10
25	Salawala	Dehradun	0.71	27
26	Vijay Colony	Dehradun	0.42	28
27	Indira Nagar	Dehradun	5	33

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	COD (≥ 50 mg/l)
1	Gangotri	Gangotri	1	71
2	Badrinath 0.01MLD STP	Badrinath	0.01	1803
3	Badrinath 0.26 MLD STP	Badrinath	0.26	451
4	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	52
5	Sangam Nala STP	Nandprayag	0.05	81
6	Subhash Nagar STP 03	Karanprayag	0.05	101
7	Near SBI Bank STP	Rudraprayag	0.1	188
8	Baleni Road	Rudraprayag	0.05	67
9	Gyansu	Uttarkashi	2	90
10	0.075 MLD STP Junior High School, Srikot	Srikot	0.075	121
11	0.05 MLD Taulia STP Srikot	Srikot	0.05	58
12	Srinagar	Srinagar	3.5	108
13	Kirtinagar	Kirti Nagar	0.05	94
14	Kirtinagar	Kirti Nagar	0.01	236
15	Bah Bazar Devprayag	Devprayag	1.4	156
16	Sangam Bazar Devprayag	Devprayag	0.15	69
17	Lakkarghat, Rishikesh	Rishikesh	26	96
18	Muni ki Reti	Muni ki Reti	5	58
19	Rishikesh, IDPL	Rishikesh	14	96
20	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	71
21	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	72

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (≤ 20 mg/l)
1	Gangotri	Gangotri	1	18
2	Chamoli Ghat	Chamoli-Gopeshwar	0.76	BDL
3	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	18

4	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	11
5	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	12
6	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	10
7	Near Police Chowki STP 01	Karanprayag	0.05	BDL
8	Near Ward 1 & 3 STP 05	Karanprayag	0.1	BDL
9	BRO Bridge STP 04	Karanprayag	0.05	BDL
10	Near Dart Pull STP	Rudraprayag	0.075	BDL
11	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	BDL
12	Near Steel Bridge	Rudraprayag	0.125	11
13	Tehri	Tehri	5	12
14	0.05 MLD Taulia STP Srikot	Srikot	0.05	BDL
15	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	19
16	Tapovan	Tapovan	3.5	12
17	Lakkarghat, Rishikesh	Rishikesh	26	10
18	Muni ki Reti	Muni ki Reti	5	BDL
19	Chandreshwar STP	Muni ki Reti	7.5	20
20	Swarg Ashram Rishikesh	Rishikesh	3	BDL
21	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	BDL
22	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	BDL
23	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	BDL
24	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	15
25	Sarai, Jawalapur STP	Haridwar	18	BDL
26	Old Mothrowala	Dehradun	20	BDL
27	New Mothrowala	Dehradun	20	BDL
28	Kargi	Dehradun	68	BDL
29	Jakhan	Dehradun	1	BDL
30	Salawala	Dehradun	0.71	BDL
31	Vijay Colony	Dehradun	0.42	BDL
32	Indira Nagar	Dehradun	5	BDL

• STPs complying to TSS (20 mg/l - 100 mg/l) in Uttarakhand (Jan - March, 2023) 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	Sangam Nala STP	Nandprayag	0.05	68
2	Old Bridge STP 02	Karanprayag	0.1	32
3	Subhash Nagar STP 03	Karanprayag	0.05	33
4	Near SBI Bank STP	Rudraprayag	0.1	80
5	Baleni Road	Rudraprayag	0.05	53
6	Gyansu	Uttarkashi	2	50
7	0.075 MLD STP Junior High School, Srikot	Srikot	0.075	61
8	Srinagar	Srinagar	3.5	44
9	Kirtinagar	Kirti Nagar	0.05	57
10	Bah Bazar Devprayag	Devprayag	1.4	96
11	Sangam Bazar Devprayag	Devprayag	0.15	44
12	Shanti Bazar Devprayag	Devprayag	0.075	21
13	Rishikesh, IDPL	Rishikesh	14	36

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (≥ 100 mg/l)
1	Badrinath 0.01MLD STP	Badrinath	0.01	909
2	Badrinath 0.26 MLD STP	Badrinath	0.26	113
3	Kirtinagar	Kirti Nagar	0.01	115

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	FC (≤ 230 MPN/100 ml)
1	Gangotri	Gangotri	1	<1.8
2	Chamoli Ghat	Chamoli-Gopeshwar	0.76	230
3	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	170
4	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	20
5	Sangam Nala STP	Nandprayag	0.05	110
6	Near Ward 1 & 3 STP 05	Karanprayag	0.1	13
7	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	2
8	Muni ki Reti	Muni ki Reti	5	7.8
9	Sarai, Jawalapur STP	Haridwar	18	39
10	Old Mothrowala	Dehradun	20	<1.8
11	New Mothrowala	Dehradun	20	<1.8
12	Kargi	Dehradun	68	2
13	Jakhan	Dehradun	1	49
14	Salawala	Dehradun	0.71	2
15	Indira Nagar Colony	Dehradun	5	<1.8

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (230 - 1000 MPN/100 ml)
1	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	780
2	Near Dart Pull STP	Rudraprayag	0.075	450
3	0.075 MLD STP Junior High School, Srikot	Srikot	0.075	680

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (≥ 1000 MPN/100 ml)
1	Badrinath 1.0 MLD STP	Badrinath	1	11×10^5
2	Badrinath 0.01MLD STP	Badrinath	0.01	27×10^{10}
3	Badrinath 0.26 MLD STP	Badrinath	0.26	17×10^6
4	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	35000
5	Near Police Chowki STP 01	Karanprayag	0.05	34×10^3
6	Old Bridge STP 02	Karanprayag	0.1	40×10^4
7	BRO Bridge STP 04	Karanprayag	0.05	33000
8	Subhash Nagar STP 03	Karanprayag	0.05	33×10^4
9	Near SBI Bank STP	Rudraprayag	0.1	40×10^5
10	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	93×10^3
11	Near Steel Bridge	Rudraprayag	0.125	20×10^3
12	Baleni Road	Rudraprayag	0.05	31×10^4
13	Gyansu	Uttarkashi	2	78000
14	Tehri	Tehri	5	12000
15	0.05 MLD Taulia STP Srikot	Srikot	0.05	2000
16	Srinagar	Srinagar	3.5	20×10^8
17	Kirtinagar	Kirti Nagar	0.05	20×10^5
18	Kirtinagar	Kirti Nagar	0.01	13×10^{11}
19	Bah Bazar Devprayag	Devprayag	1.4	49×10^8
20	Sangam Bazar Devprayag	Devprayag	0.15	22×10^6
21	Shanti Bazar Devprayag	Devprayag	0.075	78×10^6
22	Tapovan	Tapovan	3.5	12×10^3
23	Lakkarghat, Rishikesh	Rishikesh	26	6800
24	Chandreshwar STP	Muni ki Reti	7.5	11×10^4

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (≥ 1000 MPN/100 ml)
25	Swarg Ashram Rishikesh	Rishikesh	3	24×10^{11}
26	Rishikesh, IDPL	Rishikesh	14	79×10^4
27	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	3300
28	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	14×10^3
29	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	1700
30	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	4500
31	Vijay Colony	Dehradun	0.42	32×10^3

Operational 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 0.01MLD STP	Badrinath	0.01	Chlorination
4	Badrinath 0.26 MLD STP	Badrinath	0.26	UV Treatment System
5	Chamoli Ghat	Chamoli-Gopeshwar	0.76	Ozonation
6	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	Ozonation
7	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	Ozonation
8	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	Ozonation
9	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	Chlorination
10	Sangam Nala STP	Nandprayag	0.05	Ozonation
11	Near Police Chowki STP 01	Karanprayag	0.05	Ozonation
12	Old Bridge STP 02	Karanprayag	0.1	Ozonation
13	Near Ward 1 & 3 STP 05	Karanprayag	0.1	Ozonation
14	BRO Bridge STP 04	Karanprayag	0.05	Ozonation
15	Subhash Nagar STP 03	Karanprayag	0.05	Ozonation
16	Near SBI Bank STP	Rudraprayag	0.1	Ozonation
17	Near Dart Pull STP	Rudraprayag	0.075	Ozonation
18	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	Ozonation
19	Near Steel Bridge	Rudraprayag	0.125	Ozonation
20	Baleni Road	Rudraprayag	0.05	Ozonation
21	Gyansu	Uttarkashi	2	Chlorination
22	Tehri	Tehri	5	Chlorination
23	0.075 MLD STP Junior High School, Srikot	Srikot	0.075	Chlorination
24	0.05 MLD Taulia STP Srikot	Srikot	0.05	Chlorination
25	Srinagar	Srinagar	3.5	Chlorination
26	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	Chlorination
27	Kirtinagar	Kirti Nagar	0.05	Chlorination
28	Kirtinagar	Kirti Nagar	0.01	Chlorination
29	Bah Bazar Devprayag	Devprayag	1.4	UV Treatment System
30	Sangam Bazar Devprayag	Devprayag	0.15	Chlorination
31	Shanti Bazar Devprayag	Devprayag	0.075	Chlorination
32	Tapovan	Tapovan	3.5	Chlorination
33	Lakkarghat, Rishikesh	Rishikesh	26	Chlorination
34	Muni ki Reti	Muni ki Reti	5	Chlorination
35	Chandreshwar STP	Muni ki Reti	7.5	Chlorination
36	Swarg Ashram Rishikesh	Rishikesh	3	Chlorination

37	Rishikesh, IDPL	Rishikesh	14	Chlorination
38	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	Chlorination
39	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	Chlorination
40	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	Chlorination
41	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	Chlorination
42	Sarai, Jawalapur STP	Haridwar	18	Chlorination
43	Old Mothrowala	Dehradun	20	Chlorination
44	New Mothrowala	Dehradun	20	Chlorination
45	Kargi	Dehradun	68	Chlorination
46	Jakhan	Dehradun	1	Chlorination
47	Salawala	Dehradun	0.71	Chlorination
48	Vijay Colony	Dehradun	0.42	Chlorination
49	Indira Nagar	Dehradun	5	Chlorination

• **Inlet BOD range**

Inlet BOD			STPs with weak sewage (upto 40 mg/l)	Treated sewage Complying w.r.t BOD (<10mg/l)	Inlet BOD				Overall compliance for BOD	
≤ 10 mg/l	11-20 mg/l	21-40mg/l			40-100 mg/l	100 - 150 mg/l	150-250mg/l	>250mg/l	Complying Treated sewage w.r.t BOD (<10mg/l) (NGT)	complying Treated sewage w.r.t BOD (<30mg/l)
2	4	5	11	9	12	7	9	9	27	42

• **STPs with weak strength sewage (<40 mg/l)**

S. No.	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Inlet BOD (mg/l)
1	Chamoli Ghat	Chamoli-Gopeshwar	EC	0.76	17
2	Pokhri, Joshimath 1.08 MLD	Joshimath	SBR	1.08	21
3	Near Police Chowki STP 01	Karanprayag	EC	0.05	11
4	Near Ward 1 & 3 STP 05	Karanprayag	EC	0.1	17
5	Near Dart Pull STP	Rudraprayag	EC	0.075	2
6	Army Bend (Rudra Complex) STP 02	Rudraprayag	EC	0.1	36
7	Near Steel Bridge	Rudraprayag	EC	0.125	11
8	0.05 MLD Taulia STP Srikot	Srikot	FAB	0.05	22
9	Chandreshwar STP	Muni ki Reti	MBBR	7.5	22
10	Kargi	Dehradun	SBR	68	5
11	Indira Nagar	Dehradun	SBR	5	25

• **STP operating under capacity**

S. No.	Name of STP	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	0.02	Non-complying	Complying
2	Badrinath 1.0 MLD STP	Badrinath	SBR	1	0.7	Non-complying	Non-complying

S. No.	Name of STP	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
3	Badrinath 0.01MLD STP	Badrinath	MBBR	0.01	0.007	Non-complying	Non-complying
4	Chamoli Ghat	Chamoli-Gopeshwar	EC	0.76	0.2	Complying	Complying
5	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	EC	1.19	0.5	Non-complying	Non-complying
6	Pokhri Bend STP	Chamoli-Gopeshwar	EC	1.25	0.3	Complying	Complying
7	Pokhri, Joshimath 1.08 MLD	Joshimath	SBR	1.08	0.6	Complying	Complying
8	Sangam Nala STP	Nandprayag	EC	0.05	0.008	Non-complying	Complying
9	Old Bridge STP 02	Karanprayag	EC	0.1	0.059	Non-complying	Non-complying
10	Near Ward 1 & 3 STP 05	Karanprayag	EC	0.1	0.01	complying	Complying
11	BRO Bridge STP 04	Karanprayag	EC	0.05	0.0167	Non-complying	Non-complying
12	Near SBI Bank STP	Rudraprayag	EC	0.1	0.019	Non-complying	Non-complying
13	Near Dart Pull STP	Rudraprayag	EC	0.075	0.027	Non-complying	Complying
14	Army Bend (Rudra Complex) STP 02	Rudraprayag	EC	0.1	0.055	Non-complying	Non-complying
15	Near Steel Bridge	Rudraprayag	EC	0.125	0.082	Non-complying	Non-complying
16	Baleni Road	Rudraprayag	EC	0.05	0.018	Non-complying	Non-complying
17	Tehri	Tehri	ASP	5	2.5	Non-complying	Non-complying
18	0.05 MLD Taulia STP Srikot	Srikot	FAB	0.05	0.015	Non-complying	Non-complying
19	Srinagar	Srinagar	FAB	3.5	2.6	Non-complying	Non-complying
20	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	SBR	1	0.5	Complying	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	0.06	Non-complying	Non-complying
23	Sangam Bazar Devprayag	Devprayag	SBR	0.15	0.098	Non-complying	Non-complying
24	Shanti Bazar Devprayag	Devprayag	SBR	0.075	0.0132	Non-complying	Non-complying
25	Tapovan	Tapovan	SBR	3.5	1.3	Non-complying	Non-complying
26	Lakkarghat, Rishikesh	Rishikesh	SBR	26	17	Non-complying	Non-complying
27	Muni ki Reti	Muni ki Reti	MBBR	5	3.05	Non-complying	Complying
28	Rishikesh, IDPL	Rishikesh	ASP	14	0.5	Non-complying	Non-complying
29	Old Mothrowala	Dehradun	SBR	20	12.77	Complying	Complying
30	New Mothrowala	Dehradun	SBR	20	9.8	Complying	Complying

S. No.	Name of STP	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
31	Kargi	Dehradun	SBR	68	20.8	Complying	Complying
32	Jakhan	Dehradun	SBR	1	0.11	Complying	Complying
33	Salawala	Dehradun	SBR	0.71	0.24	Complying	Complying
34	Vijay Colony	Dehradun	SBR	0.42	0.28	Non-complying	Non-complying

• **STPs operating over capacity**

S. No.	Name of STP	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	0.075 MLD STP Junior High School, Srikot	Srikot	FAB	0.075	0.12	Non-complying	Complying
2	Kirtinagar	Kirti Nagar	FAB	0.01	0.012	Non-complying	Non-complying
3	Sarai, Jawalapur STP (14 MLD)	Haridwar	SBR	14	14.67	Non-complying	Non-complying
4	Sarai, Jawalapur STP	Haridwar	SBR	18	19	Non-complying	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.