

Status of Sewage Treatment Plants in Uttarakhand (August-November, 2023)

- Commissioned STPs - 53 (18 towns) with designed capacity – 343.8 MLD
- Operational STPs – 48 (Operational capacity -343.6 MLD) with Utilized capacity – 273.4 MLD (~79.5% 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	8	12
Non-complying	40	36

Non-operational STPs – 5 (Designed capacity – 0.14 MLD)

- STPs complying for Faecal Coliform norms (<230 MPN/100ml) – 12
- STPs non-complying for Faecal Coliform norms (>230 MPN/100ml) – 36
- Operational STPs having Disinfection system– 50
- Tekla STP found non-operational in last 5 monitoring – 12.03.2022, 03.06.2022, 20.02.2023, 20.05.2023, 08.10.2023
- BOD removal efficiency range: ≤50% - 9 STPs; 50-70% - 3 STPs; 70-90%-19 STPs and ≥90% - 17 STPs
- STPs operating below capacity – 25 STPs
- STPs operating over capacity - 6 STPs

Operational and Compliance status of Sewage Treatment Plants in Uttarakhand

S. No	Name of STPs/CETPs	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,TSS, 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	30.11.2023	Non-operational/under maintainance		
6	Chamoli Ghat	Chamoli-Gopeshwar	EC	0.76	30.11.2023	Operational	Non-complying BOD,COD,TSS,TN,FC	Non-complying BOD,FC
7	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	EC	1.19	30.11.2023	Operational	Non-complying FC	Non-complying FC

S. No	Name of STPs/CETPs	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
8	Pokhri Bend STP	Chamoli-Gopeshwar	EC	1.25	30.11.2023	Operational	Complying	Complying
9	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	EC	1.12	30.11.2023	Operational	Non-complying BOD,COD,TSS,TN,FC	Non-complying FC
10	Pokhri, Joshimath 1.08 MLD	Joshimath	SBR	1.08	17.10.2023	Operational	Non-complying FC	Non-complying FC
11	Marwari, Joshimath,	Joshimath	EC	2.7	17.10.2023	Operational	Complying	Complying
12	Forest Nala STP	Nandpraya g	EC	0.10	13.10.2023	Operational	Non-complying FC	Non-complying FC
13	Sangam Nala STP	Nandpraya g	EC	0.05	13.10.2023	Non-operational		
14	Near Police Chowki STP 01	Karanpray ag	EC	0.05	13.10.2023	Operational	Non-complying FC, TN	Non-complying FC
15	Old Bridge STP 02	Karanpray ag	EC	0.1	13.10.2023	Operational	Non-complying BOD, COD, TSS, TN,FC	Non-complying BOD,FC
16	Near Ward 1 & 3 STP 05	Karanpray ag	EC	0.1	13.10.2023	Operational	Non-complying FC	Non-complying FC
17	BRO Bridge STP 04	Karanpray ag	EC	0.05	13.10.2023	Non-operational		
18	Subhash Nagar STP 03	Karanpray ag	EC	0.05	13.10.2023	Operational	Non-complying FC	Complying -
19	Near SBI Bank STP	Rudrapray ag	EC	0.1	24.11.2023	Operational	Non-complying BOD,COD,FC	Non-complying FC
20	Near Dart Pull STP	Rudrapray ag	EC	0.075	24.11.2023	Operational	Non-complying BOD,COD,TSS,FC	Non-complying FC
21	Army Bend (Rudra Complex) STP 02	Rudrapray ag	EC	0.1	24.11.2023	Operational	Non-complying FC	Non-complying FC
22	Near Steel Bridge	Rudrapray ag	EC	0.125	23.11.2023	Operational	Non-complying BOD,COD,TSS,FC	Non-complying BOD, FC
23	Baleni Road	Rudrapray ag	EC	0.05	24.11.2023	Operational	Non-complying BOD,COD,TSS, FC	Non-complying FC
24	Gyansu	Uttarkashi	MBBR	2	06.10.2023	Operational	Non-complying BOD,COD,TSS, TN and FC	Non-complying BOD, FC
25	Tekla STP	Uttarkashi	Biodigester	0.03	08.10.2023	Non-operational		
26	Tehri	Tehri	ASP	5	25.11.2023	Operational	Non-complying Fc	Non-complying FC
27	0.075 MLD STP Junior	Srikot-Srinagar	FAB	0.075	26.09.2023	Operational	Non-complying BOD,COD, TSS	Non-complying

S. No	Name of STPs/CETPs	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
	High School, Srikot							BOD
28	0.05 MLD Taulia STP Srikot	Srikot-Srinagar	FAB	0.05	26.09.2023	Operational	Non-complying BOD,COD,TSS	Non-complying BOD
29	Srinagar	Srinagar	FAB	3.5	26.09.2023	Operational	Non-complying BOD	Complying
30	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	SBR	1	26.09.2023	Operational	Non-complying BOD, COD, FC	Non-complying FC
31	Kirtinagar	Kirti Nagar	FAB	0.05	26.09.2023	Operational	Non-complying BOD,COD TSS, FC	Non-complying BOD, FC
32	Kirtinagar	Kirti Nagar	FAB	0.01	26.09.2023	Operational	Non-complying BOD,COD,TSS,FC	Non-complying BOD,TSS, FC
33	Bah Bazar Devprayag	Devprayag	SBT (Soil Bio-technology)	1.4	21.11.2023	Operational	Non-complying BOD,COD,FC	Non-complying BOD,FC
34	Sangam Bazar Devprayag	Devprayag	SBR	0.15	21.11.2023	Operational	Non-complying FC	Non-complying FC
35	Shanti Bazar Devprayag	Devprayag	SBR	0.075	21.11.2023	Operational	Non-complying BOD,COD	Complying
36	Tapovan	Tapovan	SBR	3.5	26.11.2023	Operational	Non-complying TN,FC	Non-complying FC
37	Lakkarghat, Rishikesh	Rishikesh	SBR	26	10.10.2023	Operational	Non-complying BOD,COD,FC	Non-complying FC
38	Muni ki Reti	Muni ki Reti	MBBR	5	26.11.2023	Operational	Non-complying FC	Non-complying FC
39	Chandreshwar STP	Muni ki Reti	MBBR	7.5	11.10.2023	Operational	Non-complying BOD,COD,TSS,FC	Non-complying FC
40	Swarg Ashram Rishikesh	Rishikesh	SBR	3	11.10.2023	Operational	Non-complying COD,BOD,FC	Non-complying FC
41	Rishikesh, IDPL	Rishikesh	ASP	14	10.10.2023	Operational	Non-complying BOD,COD,TN	Complying
42	Jagjeetpur, Haridwar (27 MLD)	Haridwar	SBR	27	17.10.2023	Operational	Non-complying FC	Non-complying FC
43	Jagjeetpur Haridwar (68 MLD)	Haridwar	SBR	68	17.10.2023	Operational	Non-complying FC	Non-complying FC
44	Jagjeetpur, Haridwar (18 MLD)	Haridwar	ASP	18	17.10.2023	Operational	Non-complying COD, FC	Non-complying FC
45	Sarai, Jawalapur STP (14 MLD)	Haridwar	SBR	14	16.10.2023	Operational	Non-complying COD, BOD, FC	Non-complying FC

S. No	Name of STPs/CETPs	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	16.10.2023	Operational	Non-complying BOD,COD, FC	Non-complying FC
47	Old Mothrowala	Dehradun	SBR	20	07.12.2023	Operational	Complying	Complying
48	New Mothrowala	Dehradun	SBR	20	07.12.2023	Operational	Non-complying BOD, COD, FC	Non-complying FC
49	Kargi	Dehradun	SBR	68	07.12.2023	Operational	Non-complying FC	Non-complying FC
50	Jakhan	Dehradun	SBR	1	06.12.2023	Operational	Complying	complying
51	Salawala	Dehradun	SBR	0.71	06.12.2023	Operational	complying	complying
52	Vijay Colony	Dehradun	SBR	0.42	06.12.2023	Operational	Complying	complying
53	Indira Nagar	Dehradun	SBR	5	06.12.2023	Operational	Complying	complying

STPs complying to BOD Norms (<10mg/l) in Uttarakhand (August-November, 2023) 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
2	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	5
3	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	8
4	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	3
5	Marwari, Joshimath,	Joshimath	2.7	3
6	Forest Nala STP	Nandprayag	0.10	4
7	Near Police Chowki STP 01	Karanprayag	0.05	4
8	Near Ward 1 & 3 STP 05	Karanprayag	0.1	10
9	Subhash Nagar STP 03	Karanprayag	0.05	9
10	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	6
11	Tehri	Tehri	5	9
12	Sangam Bazar Devprayag	Devprayag	0.15	8
13	Tapovan	Tapovan	3.5	9
14	Muni ki Reti	Muni ki Reti	5	10
15	Jageetpur, Haridwar (27 MLD)	Haridwar	27	4
16	Jageetpur Haridwar (68 MLD)	Haridwar	68	4
17	Jageetpur, Haridwar (18 MLD)	Haridwar	18	9
18	Old Mothrowala	Dehradun	20	2
19	Kargi	Dehradun	68	4
20	Jakhan	Dehradun	1	6
21	Salawala	Dehradun	0.71	7
22	Vijay Colony	Dehradun	0.42	6
23	Indira Nagar	Dehradun	5	5

- STPs complying to BOD Norms (11-30mg/l) in Uttarakhand (August-November, 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	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	16
2	Near SBI Bank STP	Rudraprayag	0.1	18
3	Near Dart Pull STP	Rudraprayag	0.075	27
4	Baleni Road	Rudraprayag	0.05	17
5	0.075 MLD STP Junior High School, Srikot	Srikot-Srinagar	0.075	16
6	Srinagar	Srinagar	3.5	21
7	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	19
8	Shanti Bazar Devprayag	Devprayag	0.075	25
9	Lakkarghat, Rishikesh	Rishikesh	26	16
10	Chandreshwar STP	Muni ki Reti	7.5	12
11	Swarg Ashram Rishikesh	Rishikesh	3	16
12	Rishikesh, IDPL	Rishikesh	14	22
13	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	13
14	Sarai, Jawalapur STP	Haridwar	18	12
15	New Mothrowala	Dehradun	20	16

- STPs non-complying to BOD Norms ($\geq 30\text{mg/l}$) in Uttarakhand (August-November, 2023) 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	Chamoli Ghat	Chamoli-Gopeshwar	0.76	68
4	Old Bridge STP 02	Karanprayag	0.1	78
5	Near Steel Bridge	Rudraprayag	0.125	84
6	Gyansu	Uttarkashi	2	43
7	0.05 MLD Taulia STP Srikot	Srikot-Srinagar	0.05	76
8	Kirtinagar	Kirti Nagar	0.05	60
9	Kirtinagar	Kirti Nagar	0.01	702
10	Bah Bazar Devprayag	Devprayag	1.4	44

- STPs complying to COD (≤ 50 mg/l) in Uttarakhand (August-November, 2023) 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
2	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	21
3	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	36
4	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	20
5	Marwari, Joshimath,	Joshimath	2.7	20
6	Forest Nala STP	Nandprayag	0.10	15
7	Near Police Chowki STP 01	Karanprayag	0.05	17
8	Near Ward 1 & 3 STP 05	Karanprayag	0.1	17
9	Subhash Nagar STP 03	Karanprayag	0.05	19
10	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	30
11	Tehri	Tehri	5	29
12	Srinagar	Srinagar	3.5	48
13	Sangam Bazar Devprayag	Devprayag	0.15	30
14	Tapovan	Tapovan	3.5	36
15	Muni ki Reti	Muni ki Reti	5	40
16	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	25
17	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	28
18	Old Mothrowala	Dehradun	20	10
19	Kargi	Dehradun	68	16
20	Jakhan	Dehradun	1	24
21	Salawala	Dehradun	0.71	25
22	Vijay Colony	Dehradun	0.42	27

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	COD (≤ 50 mg/l)
23	Indira Nagar	Dehradun	5	21

• STPs non-complying to COD (≥ 50 mg/l) in Uttarakhand (August-November, 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	292
2	Badrinath 0.26 MLD STP	Badrinath	0.26	336
3	Chamoli Ghat	Chamoli-Gopeshwar	0.76	240
4	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	81
5	Old Bridge STP 02	Karanprayag	0.1	114
6	Near SBI Bank STP	Rudraprayag	0.1	66
7	Near Dart Pull STP	Rudraprayag	0.075	91
8	Near Steel Bridge	Rudraprayag	0.125	218
9	Baleni Road	Rudraprayag	0.05	62
10	Gyansu	Uttarkashi	2	148
11	0.075 MLD STP Junior High School, Srikot	Srikot-Srinagar	0.075	52
12	0.05 MLD Taulia STP Srikot	Srikot-Srinagar	0.05	177
13	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	54
14	Kirtinagar	Kirti Nagar	0.05	142
15	Kirtinagar	Kirti Nagar	0.01	1157
16	Bah Bazar Devprayag	Devprayag	1.4	122
17	Shanti Bazar Devprayag	Devprayag	0.075	80
18	Lakkarghat, Rishikesh	Rishikesh	26	76
19	Chandreshwar STP	Muni ki Reti	7.5	60
20	Swarg Ashram Rishikesh	Rishikesh	3	71
21	Rishikesh, IDPL	Rishikesh	14	89
22	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	53
23	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	65
24	Sarai, Jawalapur STP	Haridwar	18	59
25	New Mothrowala	Dehradun	20	60

• STPs complying to TSS (≤ 20 mg/l) in Uttarakhand (August-November, 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	Badrinath 1.0 MLD STP	Badrinath	1	16
2	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	BDL
3	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	11
4	Marwari, Joshimath,	Joshimath	2.7	14
5	Forest Nala STP	Nandprayag	0.10	BDL<10
6	Near Police Chowki STP 01	Karanprayag	0.05	BDL
7	Near Ward 1 & 3 STP 05	Karanprayag	0.1	17
8	Subhash Nagar STP 03	Karanprayag	0.05	BDL
9	Near SBI Bank STP	Rudraprayag	0.1	14
10	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	6
11	Tehri	Tehri	5	BDL
12	Srinagar	Srinagar	3.5	17
13	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	6
14	Tapovan	Tapovan	3.5	BDL
15	Lakkarghat, Rishikesh	Rishikesh	26	BDL
16	Muni ki Reti	Muni ki Reti	5	BDL
17	Swarg Ashram Rishikesh	Rishikesh	3	17
18	Rishikesh, IDPL	Rishikesh	14	16
19	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	BDL
20	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	BDL
21	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	15

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (≤ 20 mg/l)
22	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	14
23	Sarai, Jawalapur STP	Haridwar	18	BDL
24	Old Mothrowala	Dehradun	20	BDL
25	New Mothrowala	Dehradun	20	15
26	Kargi	Dehradun	68	BDL
27	Jakhan	Dehradun	1	BDL
28	Salawala	Dehradun	0.71	BDL
29	Vijay Colony	Dehradun	0.42	BDL
30	Indira Nagar	Dehradun	5	BDL

• STPs complying to TSS (20 mg/l - 100 mg/l) in Uttarakhand (August-November, 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	Gangotri	Gangotri	1	54
2	Chamoli Ghat	Chamoli-Gopeshwar	0.76	64
3	Deen Dayal Uppadyay Park	Chamoli-Gopeshwar	1.12	24
4	Old Bridge STP 02	Karanprayag	0.1	51
5	Near Dart Pull STP	Rudraprayag	0.075	27
6	Near Steel Bridge	Rudraprayag	0.125	48
7	Baleni Road	Rudraprayag	0.05	49
8	Gyansu	Uttarkashi	2	31
9	0.075 MLD STP Junior High School, Srikot	Srikot-Srinagar	0.075	40
10	0.05 MLD Taulia STP Srikot	Srikot-Srinagar	0.05	30
11	Kirtinagar	Kirti Nagar	0.05	28
12	Chandreshwar STP	Muni ki Reti	7.5	23

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (≥ 100 mg/l)
1	Badrinath 0.26 MLD STP	Badrinath	0.26	354
2	Kirtinagar	Kirti Nagar	0.01	129

• STPs complying to FC (≤ 230 MPN/100 ml) in Uttarakhand (Aug-Dec, 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	Badrinath 1.0 MLD STP	Badrinath	1	20
2	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	170
3	Marwari, Joshimath,	Joshimath	2.7	7.8
4	0.075 MLD STP Junior High School	Srikot-Srinagar	0.075	14
5	0.05 MLD Taulia STP	Srikot-Srinagar	0.05	<1.8

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	FC (≤ 230 MPN/100 ml)
6	Srinagar	Srinagar	3.5	1.8
7	Shanti Bazar Devprayag	Devprayag	0.075	<1.8
8	Old Mothrowala	Dehradun	20	20
9	Jakhan	Dehradun	1	<1.8
10	Salawala	Dehradun	0.71	2
11	Vijay Colony	Dehradun	0.42	<1.8
12	Indira Nagar	Dehradun	5	<1.8

- STPs complying to FC (230 - 1000 MPN/100 ml) in Uttarakhand (August-November, 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	Subhash Nagar STP 03	Karanprayag	0.05	680

- STPs non-complying to FC (≥ 1000 MPN/100 ml) in Uttarakhand (August-November, 2023) 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	Chamoli Ghat	Chamoli-Gopeshwar	0.76	78×10^4
4	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	11×10^3
5	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	13×10^3
6	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	20×10^2
7	Forest Nala STP	Nandprayag	0.10	14×10^2
8	Near Police Chowki STP 01	Karanprayag	0.05	49×10^3
9	Old Bridge STP 02	Karanprayag	0.1	2×10^5
10	Near Ward 1 & 3 STP 05	Karanprayag	0.1	17×10^4
11	Near SBI Bank STP	Rudraprayag	0.1	13×10^6
12	Near Dart Pull STP	Rudraprayag	0.075	21×10^4
13	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	40×10^2
14	Near Steel Bridge	Rudraprayag	0.125	20×10^3
15	Baleni Road	Rudraprayag	0.05	18×10^6
16	Gyansu	Uttarkashi	2	79×10^4
17	Tehri	Tehri	5	36×10^4
18	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	78×10^2
19	Kirtinagar	Kirti Nagar	0.05	2×10^5
20	Kirtinagar	Kirti Nagar	0.01	17×10^8
21	Bah Bazar Devprayag	Devprayag	1.4	78×10^4
22	Sangam Bazar Devprayag	Devprayag	0.15	46×10^2
23	Tapovan	Tapovan	3.5	79×10^5
24	Lakkarghat, Rishikesh	Rishikesh	26	33×10^2
25	Muni ki Reti	Muni ki Reti	5	45×10^3
26	Chandreshwar STP	Muni ki Reti	7.5	49×10^3
27	Swarg Ashram Rishikesh	Rishikesh	3	79×10^2
28	Rishikesh, IDPL	Rishikesh	14	2×10^2
29	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	17×10^2
30	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	39×10^3
31	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	94×10^5
32	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	40×10^3
33	Sarai, Jawalapur STP	Haridwar	18	33×10^3
34	New Mothrowala	Dehradun	20	13×10^5

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (≥ 1000 MPN/100 ml)
35	Kargi	Dehradun	68	33×10^3
32	Indira Nagar	Dehradun	5	32×10^3

- Performance Analysis of STPs

S.No.	Range of BOD Removal Efficiency (%age)					total	Overall complying		Overall non-complying		Non-complying Parameters either BOD,COD,TSS/FC		Non-operational
	Technology (no.)	<50	50-70	70-90	>90		Hon'ble NGT norms	MoEF&C norms	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	3
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	5

- 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	Chamoli Ghat	Chamoli-Gopeshwar	0.76	Ozonation
5	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	Ozonation
6	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	Ozonation
7	Deen Dayal Uppadhyay Park	Chamoli-Gopeshwar	1.12	Ozonation
8	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	Chlorination
9	Marwari, Joshimath,	Joshimath	2.7	Chlorination
10	Forest Nala STP	Nandprayag	0.10	Ozonation
11	Sangam Nala STP	Nandprayag	0.05	Ozonation
12	Near Police Chowki STP 01	Karanprayag	0.05	Ozonation
13	Old Bridge STP 02	Karanprayag	0.1	Ozonation
14	Near Ward 1 & 3 STP 05	Karanprayag	0.1	Ozonation
15	BRO Bridge STP 04	Karanprayag	0.05	Ozonation
16	Subhash Nagar STP 03	Karanprayag	0.05	Ozonation
17	Near SBI Bank STP	Rudraprayag	0.1	Ozonation
18	Near Dart Pull STP	Rudraprayag	0.075	Ozonation
19	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	Ozonation
S. No.	Name of STPs/CETPs	Ganga Front Town	Designed Capacity (MLD)	Disinfection Technology

20	Near Steel Bridge	Rudraprayag	0.125	Ozonation
21	Baleni Road	Rudraprayag	0.05	Ozonation
22	Gyansu	Uttarkashi	2	Chlorination
23	Tehri	Tehri	5	Chlorination
24	0.075 MLD STP Junior High School	Srikot-Srinagar	0.075	Chlorination
25	0.05 MLD Taulia STP	Srikot-Srinagar	0.05	Chlorination
26	Srinagar	Srinagar	3.5	Chlorination
27	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	Chlorination
28	Kirtinagar	Kirti Nagar	0.05	Chlorination
29	Kirtinagar	Kirti Nagar	0.01	Chlorination
30	Bah Bazar Devprayag	Devprayag	1.4	UV Treatment System
31	Sangam Bazar Devprayag	Devprayag	0.15	Chlorination
32	Shanti Bazar Devprayag	Devprayag	0.075	Chlorination
33	Tapovan	Tapovan	3.5	Chlorination
34	Lakkarghat, Rishikesh	Rishikesh	26	Chlorination
35	Muni ki Reti	Muni ki Reti	5	Chlorination
36	Chandreshwar STP	Muni ki Reti	7.5	Chlorination
37	Swarg Ashram Rishikesh	Rishikesh	3	Chlorination
38	Rishikesh, IDPL	Rishikesh	14	Chlorination
39	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	Chlorination
40	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	Chlorination
41	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	Chlorination
42	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	Chlorination
43	Sarai, Jawalapur STP	Haridwar	18	Chlorination
44	Old Mothrowala	Dehradun	20	Chlorination
45	New Mothrowala	Dehradun	20	Chlorination
46	Kargi	Dehradun	68	Chlorination
47	Jakhan	Dehradun	1	Chlorination
48	Salawala	Dehradun	0.71	Chlorination
49	Vijay Colony	Dehradun	0.42	Chlorination
50	Indira Nagar	Dehradun	5	Chlorination

- **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.	Pokhri, Joshimath 1.08 MLD	Joshimath	SBR	1.08	4
2.	Marwari, Joshimath,	Joshimath	SBR	2.7	5
3.	Near Police Chowki STP 01	Karanprayag	Electro-coagulation	0.05	8
4.	Near Dart Pull STP	Rudraprayag	Electro-coagulation	0.075	20
5.	Army Bend (Rudra Complex) STP 02	Rudraprayag	Electro-coagulation	0.1	39
6.	Near Steel Bridge	Rudraprayag	Electro-coagulation	0.125	18
7.	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	SBR	1	15
8.	Chandreshwar STP	Muni ki Reti	MBBR	7.5	9

- **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 Uppaday Park	Chamoli-Gopeshwar	EC	1.12	0.8	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
5	Pokhri, Joshimath 1.08 MLD	Joshimath	SBR	1.08	0.073	Non-complying	Non-complying
6	Marwari, Joshimath,	Joshimath	SBR	2.7	1.358	Complying	complying
7	Near Ward 1 & 3 STP 05	Karanprayag	EC	0.1	0.03	Non-complying	Non-complying
8	Near SBI Bank STP	Rudraprayag	EC	0.1	0.01122	Non-complying	Non-complying
9	Army Bend (Rudra Complex) STP 02	Rudraprayag	EC	0.1	0.0137	Non-complying	Non-complying
10	Near Steel Bridge	Rudraprayag	EC	0.125	0.09	Non-complying	Non-complying
11	Baleni Road	Rudraprayag	EC	0.05	0.02	Non-complying	Non-complying
12	Tehri	Tehri	ASP	5	2.5	Non-complying	Non-complying
13	0.05 MLD Taulia STP Srikot	Srikot-Srinagar	FAB	0.05	0.019	Non-complying	Non-complying
14	Srinagar	Srinagar	FAB	3.5	2.6	Non-complying	Complying
15	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	SBR	1	0.5	Non-complying	Non-complying
16	Kirtinagar	Kirti Nagar	FAB	0.05	0.03	Non-complying	Non-complying
17	Bah Bazar Devprayag	Devprayag	SBT (Soil Bio-technology)	1.4	0.08	Non-complying	Non-complying
18	Sangam Bazar Devprayag	Devprayag	SBR	0.15	0.09	Non-complying	Non-complying
19	Shanti Bazar Devprayag	Devprayag	SBR	0.075	0.009	Non-complying	Complying
20	Tapovan	Tapovan	SBR	3.5	1.6	Non-complying	Non-complying
21	Rishikesh, IDPL	Rishikesh	ASP	14	0.5	Non-complying	Complying
22	New Mothrowala	Dehradun	SBR	20	6.6	Non-complying	Non-complying
23	Kargi	Dehradun	SBR	68	26.31	Non-complying	Non-complying
24	Jakhan	Dehradun	SBR	1	0.12	Complying	Complying
25	Salawala	Dehradun	SBR	0.71	0.302	Complying	Complying

• **STPs working over capacity**

S. No.	Name of STPs/CETPs	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	Gyansu	Uttarkashi	MBBR	2	2.5	Non-complying	Non-complying
2	0.075 MLD STP Junior High School, Srikot	Srikot-Srinagar	FAB	0.075	0.12	Non-complying	Non-complying

S. No.	Name of STPs/CETPs	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	Kirtinagar	Kirti Nagar	FAB	0.01	0.012	Non-complying	Non-complying
4	Jagjeetpur Haridwar (68 MLD)	Haridwar	SBR	68	85.995	Non-complying	Non-complying
5	Jagjeetpur, Haridwar (18 MLD)	Haridwar	ASP	18	20	Non-complying	Non-complying
6	Sarai, Jawalapur STP	Haridwar	SBR	18	18.68	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.