

Status of Sewage Treatment Plants in Ganga front towns of Uttarakhand (April-July,2023)

- Commissioned STPs - 53 (18 towns) with designed capacity – 341.3 MLD
- Operational STPs – 49 (Operational capacity -341.05 MLD) with Utilized capacity – 269 MLD (~79% 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	5	10
Non-complying	44	39

- Non-operational STPs – 4 (Designed capacity – 0.26 MLD)
- STPs complying for Faecal Coliform norms (FC)(<230 MPN/100ml) – 7
- STPs non-complying for Faecal Coliform norms (>230 MPN/100ml) – 42
- STPs having Disinfection system– 50
- STPs operating under-capacity (<75% of designed) - 32 STPs
- STPs operating over-capacity - 5 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	STP Gangotri	Gangotri	Sequential Batch Reactor	1	21.05.2023	Operational	Non-complying COD, BOD, TSS, TN, FC	Non-complying BOD, FC
2	Badrinath 1.0 MLD STP	Badrinath	Sequential Batch Reactor	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	Sequential Batch Reactor	0.26	08.06.2022	Operational	Non-complying BOD, COD, TSS, FC	Non-complying TSS, BOD, FC
5	Old Suspension bridge STP	Chamoli-Gopeshwar	Electro-coagulation	0.05	01.02.2023	Non-operational	Non-operational	
6	Chamoli Ghat STP	Chamoli-Gopeshwar	Electro-coagulation	0.76	01.02.2023	Operational	Complying	Complying
7	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	Electro-coagulation	1.19	01.02.2023	Operational	Non-complying	Non-complying FC
8	Pokhri Bend STP	Chamoli-Gopeshwar	Electro-coagulation	1.25	01.02.2023	Operational	Complying	Complying
9	Deen Dayal Upadhyay Park STP	Chamoli-Gopeshwar	Electro-coagulation	1.12	01.02.2023	Operational	Non-complying BOD, COD, 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
10	Pokhri, Joshimath 1.08 MLD STP	Joshimath	Sequential Batch Reactor	1.08	09.06.2022	Operational	Complying	Complying
11	Forest Nala STP	Nandprayag	Electro-coagulation (Physico-Chemical)	0.10	21.03.2023	Non-operational	Non-operational	
12	Sangam Nala STP	Nandprayag	Electro-coagulation (Physico-Chemical)	0.05	21.03.2023	Operational	Non-complying BOD, COD, TSS, TN	Complying
13	Near Police Chowki STP 01	Karanprayag	Electro-coagulation (Physico-Chemical)	0.05	21.03.2023	Operational	Non-complying FC	Non-complying FC
14	Old Bridge STP 02	Karanprayag	Electro-coagulation (Physico-Chemical)	0.1	21.03.2023	Operational	Non-complying TSS, FC	Non-complying FC
15	Near Ward 1 & 3 STP 05	Karanprayag	Electro-coagulation (Physico-Chemical)	0.1	21.03.2023	Operational	Complying	Complying
16	BRO Bridge STP 04	Karanprayag	Electro-coagulation	0.05	21.03.2023	Operational	Non-complying FC	Non-complying FC
17	Subhash Nagar STP 03	Karanprayag	Electro-coagulation	0.05	21.03.2023	Operational	Non-complying BOD, COD, TSS, T.N, FC	Non-complying BOD, FC
18	Near SBI Bank STP	Rudraprayag	Electro-coagulation (Physico-Chemical)	0.1	22.03.2023	Operational	Non-complying BOD, COD, TSS, T.N & FC	Non-complying BOD, FC
19	Near Dart Pull STP	Rudraprayag	Electro-coagulation (Physico-Chemical)	0.075	22.03.2023	Operational	Non-complying FC	Complying
20	Army Bend (Rudra Complex) STP 02	Rudraprayag	Electro-coagulation (Physico-Chemical)	0.1	22.03.2023	Operational	Non-complying FC	Non-complying FC
21	STP Anoop Negi Memorial School	Rudraprayag	Electro-coagulation	0.075	22.03.2023	Non-operational (Dismantled)	Non-operational	
22	STP Near Steel Bridge	Rudraprayag	Electro-coagulation Tech.	0.125	22.03.2023	Operational	Non-complying FC	Non-complying FC

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
23	STP Baleni Road	Rudraprayag	Electro-coagulation	0.05	22.03.2023	Operational	Non-complying BOD, COD, TSS, FC, T.N	Non-complying FC
24	STP Gyansu	Uttarkashi	MBBR	2	20.05.2023	Operational	Non-complying TSS, FC	Non-complying FC
25	Tekla BiodigesterSTP	Uttarkashi	Biodigester	0.03	20.05.2023	Non-operational		
26	STP Tehri	Tehri	Activated Sludge Process	5	15.03.2023	Operational	Non-complying T. N, FC	Non-complying FC
27	0.075 MLD STP Junior High School	Srikot	Fluidized Aerobic Bed (FAB)	0.075	27.03.2023	Operational	Non-complying BOD, COD, TSS, FC	Complying
28	0.05 MLD Taulia STP	Srikot	Fluidized Aerobic Bed (FAB) with PVA Gel media	0.05	27.03.2023	Operational	Non-complying BOD, COD, FC	Non-complying FC
29	3.5 MLD Srinagar STP	Srinagar	Fluidized Aerobic Bed (FAB)	3.5	28.03.2023	Operational	Non-complying BOD, COD TSS & FC	Non-complying FC
30	1.0 MLD STP, Near ITI	Srinagar	Sequential Batch Reactor	1	28.03.2023	Operational	Complying	Complying
31	50KLD Kirtinagar STP	Kirti Nagar	Fluidized Aerobic Bed (FAB)	0.05	27.03.2023	Operational	Non-complying BOD, COD, TSS, FC	Non-complying FC
32	10KLD Kirtinagar STP	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 STP, 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 STP, Devprayag	Devprayag	Sequential Batch Reactor	0.15	28.02.2023	Operational	Non-complying COD, BOD, TSS, FC	Non-complying FC
35	Shanti Bazar STP, Devprayag	Devprayag	Sequential Batch Reactor	0.075	28.02.2023	Operational	Non-complying TSS, FC	Non-complying FC
36	Tapovan STP	Tapovan	Sequential Batch Reactor	3.5	06.06.2023	Operational	Non-complying BOD, COD, TSS, T.N, FC	Non-complying BOD, FC
37	26 MLD Lakkarghat STP, Rishikesh	Rishikesh	Sequential Batch Reactor	26	04.07.2023	Operational	Non-complying FC	Non-complying FC
38	STP Muni ki Reti	Muni kiReti	MBBR	5	20.06.2023	Operational	Non-complying BOD,COD, TSS, TN, FC	Non-complyingBOD, TSS, FC
39	Chandreshwar STP	Muni kiReti	MBBR	7.5	20.06.2023	Operational	Non-complying FC	Non-complying FC
40	STP Swarg Ashram, Rishikesh	Rishikesh	Sequential Batch Reactor	3	06.06.2023	Operational	Non-complying TSS, T.N, FC	Non-complying FC

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
41	IDPL STP, Rishikesh	Rishikesh	Activated Sludge Process	14	19.06.2023	Operational	Non-complying BOD, COD, TSS, T.N & FC	Non-complying BOD, FC
42	27 MLD STP Jagjeetpur, Haridwar	Haridwar	Sequential Batch Reactor	27	24.05.2023	Operational	Non-complying FC	Non-complying FC
43	68 MLD STP Jagjeetpur, Haridwar	Haridwar	Sequential Batch Reactor	68	24.05.2023	Operational	Non-complying TSS, FC	Non-complying TSS, FC
44	18 MLD STP Jagjeetpur, Haridwar (18 MLD)	Haridwar	Activated Sludge Process	18	24.05.2023	Operational	Non-complying BOD, TSS, FC	Non-complying FC
45	14 MLD Sarai, Jawalapur STP	Haridwar	Sequential Batch Reactor	14	23.05.2023	Operational	Non-complying FC	Non-complying FC
46	18 MLD STP Sarai, Jawalapur	Haridwar	Sequential Batch Reactor	18	23.05.2023	Operational	Non-complying FC	Non-complying FC
47	STP Old Mothrowala	Dehradun	Sequential Batch Reactor	20	28.07.2023	Operational	Non-complying FC	Non-complying FC
48	STP New Mothrowala	Dehradun	Sequential Batch Reactor	20	28.07.2023	Operational	Non-complying FC	Non-complying FC
49	STP Kargi	Dehradun	Sequential Batch Reactor	68	28.07.2023	Operational	Non-complying BOD, FC	Non-complying FC
50	STP Jakhan	Dehradun	Sequential Batch Reactor	1	29.07.2023	Operational	Non-complying FC	Non-complying FC
51	STP Salawala	Dehradun	Sequential Batch Reactor	0.71	29.07.2023	Operational	Non-complying TSS	Complying-
52	STP Vijay Colony	Dehradun	Sequential Batch Reactor	0.42	29.07.2023	Operational	Non-complying FC	Non-complying FC
53	STP Indira Nagar	Dehradun	Sequential Batch Reactor	5	29.07.2023	Operational	Non-complying FC	Non-complying FC

- STPs complying to BOD Norms ($\leq 10\text{mg/l}$) in Uttarakhand (April-July, 2023) w.r.t. Hon'ble NGT norms dated 30.04.2019 and MoEF&CC norms dated 13.10.2017

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	Outlet BOD ($\leq 10\text{mg/l}$)
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	Gyansu	Uttarkashi	2	2

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	Outlet BOD (≤ 10 mg/l)
13	Tehri	Tehri	5	9
14	1.0 MLD STP, Near ITI	Srinagar	1	2
15	Shanti Bazar Devprayag	Devprayag	0.075	7
16	Lakkarghat, Rishikesh	Rishikesh	26	2
17	Chandreshwar STP	Muni ki Reti	7.5	8
18	Swarg Ashram Rishikesh	Rishikesh	3	8
19	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	10
20	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	8
21	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	9
22	Sarai, Jawalapur STP	Haridwar	18	6
23	Old Mothrowala	Dehradun	20	2
24	New Mothrowala	Dehradun	20	3
25	Jakhan	Dehradun	1	2
26	Salawala	Dehradun	0.71	6
27	Vijay Colony	Dehradun	0.42	3
28	Indira Nagar	Dehradun	5	1

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	Outlet BOD (11 mg/l to 30 mg/l)
1	DeenDayalUppadhyay Park	Chamoli-Gopeshwar	1.12	16
2	Sangam Nala STP	Nandprayag	0.05	17
3	Baleni Road	Rudraprayag	0.05	14
4	0.075 MLD STP Junior High School, Srikot	Srikot	0.075	25
5	0.05 MLD Taulia STP Srikot	Srikot	0.05	11
6	Srinagar	Srinagar	3.5	29
7	Kirtinagar	Kirti Nagar	0.05	29
8	Sangam Bazar Devprayag	Devprayag	0.15	18
9	Jagjeetpur 18 MLD	Haridwar	18	13
10	Kargi	Dehradun	68	12

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	Outlet BOD (> 30 mg/l)
1	Gangotri	Gangotri	1	37
2	Badrinath 0.01MLD STP	Badrinath	0.01	1237
3	Badrinath 0.26 MLD STP	Badrinath	0.26	196
4	Subhash Nagar STP 03	Karanprayag	0.05	42
5	Near SBI Bank STP	Rudraprayag	0.1	80
6	Kirtinagar	Kirti Nagar	0.01	72
7	Bah Bazar Devprayag	Devprayag	1.4	42
8	Tapovan	Tapovan	3.5	48
9	Muni ki Reti	Muni ki Reti	5	69
10	Rishikesh, IDPL	Rishikesh	14	40

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Outlet COD (≤ 50 mg/l)
1	Chamoli Ghat	Chamoli-Gopeshwar	0.76	8
2	Vivekanand Colony STP (LeesaBend)	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
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	Gyansu	Uttarkashi	2	4
13	Tehri	Tehri	5	36
14	1.0 MLD STP, Near ITI, Srinagar	Srinagar	1	7
15	Shanti Bazar Devprayag	Devprayag	0.075	36
16	Lakkarghat, Rishikesh	Rishikesh	26	27
17	Chandreshwar STP	Muni kiReti	7.5	31
18	Swarg Ashram Rishikesh	Rishikesh	3	17
19	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	35
20	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	36
21	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	26
22	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	40
23	Sarai, Jawalapur STP	Haridwar	18	21
24	Old Mothrowala	Dehradun	20	13
25	New Mothrowala	Dehradun	20	21
26	Kargi	Dehradun	68	26
27	Jakhan	Dehradun	1	15
28	Salawala	Dehradun	0.71	46
29	Vijay Colony	Dehradun	0.42	24
30	Indira Nagar	Dehradun	5	9

- STPs non-complying to COD (> 50 mg/l) in Uttarakhand (April-July,2023) w.r.t. Hon'ble NGT norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Outlet COD (> 50 mg/l)
1	Gangotri	Gangotri	1	130
2	Badrinath 0.01MLD STP	Badrinath	0.01	1803
3	Badrinath 0.26 MLD STP	Badrinath	0.26	451
4	DeenDayalUppadyay 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	0.075 MLD STP Junior High School	Srikot	0.075	121
10	0.05 MLD Taulia STP	Srikot	0.05	58
11	Srinagar	Srinagar	3.5	108
12	Kirtinagar	Kirti Nagar	0.05	94
13	Kirtinagar	Kirti Nagar	0.01	236
14	Bah Bazar Devprayag	Devprayag	1.4	156

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Outlet COD (>50 mg/l)
15	Sangam Bazar Devprayag	Devprayag	0.15	69
16	Tapovan	Tapovan	3.5	176
17	Muni ki Reti	Muni ki Reti	5	210
18	IDPL STP	Rishikesh	14	111

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Outlet TSS (≤ 20 mg/l)
1	Chamoli Ghat	Chamoli-Gopeshwar	0.76	BDL
2	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	18
3	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	11
4	DeenDayalUppadhyay Park	Chamoli-Gopeshwar	1.12	12
5	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	10
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	BDL
9	Near Dart Pull STP	Rudraprayag	0.075	BDL
10	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	BDL
11	Near Steel Bridge	Rudraprayag	0.125	11
12	Tehri	Tehri	5	12
13	0.05 MLD Taulia STP Srikot	Srikot	0.05	BDL
14	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	19
15	Lakkarghat, Rishikesh	Rishikesh	26	12
16	Chandreshwar STP	Muni ki Reti	7.5	11
17	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	10
18	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	14
19	Sarai, Jawalapur STP	Haridwar	18	BDL
20	Old Mothrowala	Dehradun	20	BDL
21	New Mothrowala	Dehradun	20	BDL
22	Kargi	Dehradun	68	BDL
23	Jakhan	Dehradun	1	BDL
24	Vijay Colony	Dehradun	0.42	10
25	Indira Nagar	Dehradun	5	BDL

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Outlet TSS (20 mg/l - 100 mg/l)
1	Gangotri	Gangotri	1	54
2	Sangam Nala STP	Nandprayag	0.05	68
3	Old Bridge STP 02	Karanprayag	0.1	32
4	Subhash Nagar STP 03	Karanprayag	0.05	33
5	Near SBI Bank STP	Rudraprayag	0.1	80
6	Baleni Road	Rudraprayag	0.05	53
7	Gyansu	Uttarkashi	2	36
8	0.075 MLD STP Junior High School	Srikot	0.075	61
9	Srinagar	Srinagar	3.5	44
10	Kirtinagar	Kirti Nagar	0.05	57
11	Bah Bazar Devprayag	Devprayag	1.4	96
12	Sangam Bazar Devprayag	Devprayag	0.15	44
13	Shanti Bazar Devprayag	Devprayag	0.075	21

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Outlet TSS (20 mg/l - 100 mg/l)
14	Tapovan	Tapovan	3.5	35
15	Swarg Ashram Rishikesh	Rishikesh	3	44
16	Rishikesh, IDPL	Rishikesh	14	66
17	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	25
18	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	22
19	Salawala	Dehradun	0.71	54

- STPs non-complying to TSS (>100 mg/l) in Uttarakhand (April-July, 2023) w.r.t. MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Outlet 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
4	Muni kiReti	Muni ki Reti	5	149

- STPs complying to FC (≤230 MPN/100 ml) in Uttarakhand (April-July,2023)w.r.t. Hon'ble NGT and MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Outlet FC (≤230 MPN/100 ml)
1	Chamoli Ghat	Chamoli-Gopeshwar	0.76	230
2	Pokhri Bend STP	Chamoli-Gopeshwar	1.25	170
3	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	20
4	Sangam Nala STP	Nandprayag	0.05	110
5	Near Ward 1 & 3 STP 05	Karanprayag	0.01	13
6	1.0 MLD STP, Near ITI, Srinagar,	Srinagar	1	2
7	Salawala	Dehradun	0.71	<1.8

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

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

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Outlet FC (>1000 MPN/100 ml)
1	Gangotri	Gangotri	1	68×10 ⁴
2	Badrinath 1.0 MLD STP	Badrinath	1	11 × 10 ⁵
3	Badrinath 0.01MLD STP	Badrinath	0.01	27×10 ¹⁰
4	Badrinath 0.26 MLD STP	Badrinath	0.26	17x 10 ⁶
5	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	1.19	35 x 10 ³
6	Near Police Chowki STP 01	Karanprayag	0.05	34 x 10 ³
7	Old Bridge STP 02	Karanprayag	0.1	40 x 10 ⁴
8	BRO Bridge STP 04	Karanprayag	0.05	33 x 10 ³
9	Subhash Nagar STP 03	Karanprayag	0.05	33x10 ⁴
10	Near SBI Bank STP	Rudraprayag	0.1	40 x10 ⁵

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Outlet FC (>1000 MPN/100 ml)
11	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	93×10 ³
12	Near Steel Bridge	Rudraprayag	0.125	20×10 ³
13	Baleni Road	Rudraprayag	0.05	3.1×10 ⁴
14	Gyansu	Uttarkashi	2	23×10 ³
15	Tehri	Tehri	5	12 x 10 ³
16	0.05 MLD Taulia STP Srikot	Srikot	0.05	2000
17	Srinagar	Srinagar	3.5	20×10 ⁸
18	Kirtinagar	Kirti Nagar	0.05	20×10 ⁵
19	Kirtinagar	Kirti Nagar	0.01	13×10 ¹¹
20	Bah Bazar Devprayag	Devprayag	1.4	49x 10 ⁸
21	Sangam Bazar Devprayag	Devprayag	0.15	22x 10 ⁶
22	Shanti Bazar Devprayag	Devprayag	0.075	78X10 ⁶
23	Tapovan	Tapovan	3.5	22 x 10 ⁴
24	Lakkarghat, Rishikesh	Rishikesh	26	6800
25	Muni kiReti	Muni kiReti	5	46×10 ⁵
26	Chandreshwar STP	Muni kiReti	7.5	54×10 ⁴
27	Swarg Ashram Rishikesh	Rishikesh	3	14 x10 ¹⁰
28	Rishikesh, IDPL	Rishikesh	14	33x10 ³
29	Jagjeetpur, Haridwar (27 MLD)	Haridwar	27	54 x 10 ⁵
30	Jagjeetpur Haridwar (68 MLD)	Haridwar	68	17 x 10 ³
31	Jagjeetpur, Haridwar (18 MLD)	Haridwar	18	11 x 10 ⁵
32	Sarai, Jawalapur STP (14 MLD)	Haridwar	14	22×10 ³
33	Sarai, Jawalapur STP (18 MLD)	Haridwar	18	24×10 ⁴
34	Old Mothrowala	Dehradun	20	81×10 ²
35	New Mothrowala	Dehradun	20	92×10 ²
36	Kargi	Dehradun	68	70×10 ⁶
37	Jakhan	Dehradun	1	24×10 ⁴
38	Vijay Colony	Dehradun	0.42	24×10 ⁵
39	Indira Nagar	Dehradun	5	11×10 ³

- Operational STPs having Disinfection system

S. No.	Name of STPs	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 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	DeenDayalUppadhyay Park	Chamoli-Gopeshwar	1.12	Ozonation
9	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Disinfection Technology
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
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	Srikot	0.075	Chlorination
25	0.05 MLD Taulia STP Srikot	Srikot	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 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 kiReti	Muni kiReti	5	Chlorination
36	Chandreshwar STP	Muni kiReti	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 working under-capacity (<75% of designed capacity)

S. No.	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Utilized capacity (MLD)	Compliance w.r.t. NGT norms dated 30.4.2029	Compliance w.r.t. MoEF norms fated 13.10.2017
1	Gangotri	Gangotri	Sequential Batch Reactor	1	0.3	Non-complying	Non-complying
2	Badrinath 1.0 MLD STP	Badrinath	Sequential Batch Reactor	1	0.7	Non-complying	Non-complying
3	Badrinath 0.01MLD STP	Badrinath	MBBR	0.01	0.007	Non-complying	Non-complying
4	Chamoli Ghat	Chamoli-Gopeshwar	Elcetro-coagulation	0.76	0.2	Complying	Complying

S. No.	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Utilized capacity (MLD)	Compliance w.r.t. NGT norms dated 30.4.2029	Compliance w.r.t. MoEF norms fated 13.10.2017
5	Vivekanand Colony STP (Leesa Bend)	Chamoli-Gopeshwar	Elcetro-coagulation	1.19	0.5	Non-complying	Non-complying
6	Pokhri Bend STP	Chamoli-Gopeshwar	Elcetro-coagulation	1.25	0.3	Complying	Complying
7	Pokhri, Joshimath 1.08 MLD	Joshimath	Sequential Batch Reactor	1.08	0.6	Complying	Complying
8	SangamNala STP	Nandprayag	Elcetro-coagulation	0.05	0.008	Non-complying	Complying
9	Old Bridge STP 02	Karanprayag	Elcetro-coagulation	0.1	0.059	Non-complying	Non-complying
10	Near Ward 1 & 3 STP 05	Karanprayag	Elcetro-coagulation	0.1	0.01	complying	Complying
11	BRO Bridge STP 04	Karanprayag	Elcetro-coagulation	0.05	0.0167	Non-complying	Non-complying
12	Near SBI Bank STP	Rudraprayag	Elcetro-coagulation	0.1	0.019	Non-complying	Non-complying
13	Near Dart Pull STP	Rudraprayag	Elcetro-coagulation	0.075	0.027	Non-complying	Complying
14	Army Bend (Rudra Complex) STP 02	Rudraprayag	Elcetro-coagulation	0.1	0.055	Non-complying	Non-complying
15	Near Steel Bridge	Rudraprayag	Elcetro-coagulation	0.125	0.082	Non-complying	Non-complying
16	Baleni Road	Rudraprayag	Elcetro-coagulation	0.05	0.018	Non-complying	Non-complying
17	Tehri	Tehri	Activated Sludge Process	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	Sequential Batch Reactor	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	Sequential Batch Reactor	0.15	0.098	Non-complying	Non-complying
24	Shanti Bazar Devprayag	Devprayag	Sequential Batch Reactor	0.075	0.0132	Non-complying	Non-complying
25	Tapovan	Tapovan	Sequential Batch Reactor	3.5	1.7	Non-complying	Non-complying
26	Lakkarghat, Rishikesh	Rishikesh	Sequential Batch Reactor	26	16.89	Non-complying	Non-complying
27	Rishikesh, IDPL	Rishikesh	Activated Sludge Process	14	0.5	Non-complying	Non-complying

S. No.	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Utilized capacity (MLD)	Compliance w.r.t. NGT norms dated 30.4.2029	Compliance w.r.t. MoEF norms fated 13.10.2017
28	Old Mothrowala	Dehradun	Sequential Batch Reactor	20	13.5	Non-complying	Non-complying
29	New Mothrowala	Dehradun	Sequential Batch Reactor	20	12.14	Non-complying	Non-complying
30	Kargi	Dehradun	Sequential Batch Reactor	68	33.55	Non-complying	Non-complying
31	Jakhan	Dehradun	Sequential Batch Reactor	1	0.12	Non-complying	Non-complying
32	Salawala	Dehradun	Sequential Batch Reactor	0.71	0.41	Non-complying	Complying

- STPs working over-capacity**

S. No.	Name of STPs/CETPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Utilized capacity (MLD)	Compliance w.r.t. NGT norms dated 30.4.2029	Compliance w.r.t. MoEF norms fated 13.10.2017
1	0.075 MLD STP Junior High School	Srikot	FAB	0.075	0.12	Non-complying	Complying
2	Kirtinagar	Kirti Nagar	FAB	0.01	0.012	Non-complying	Non-complying
3	Jagjeetpur (68 MLD)	Haridwar	Sequential Batch Reactor	68	80	Non-complying	Non-complying
4	Sarai Jawalapur STP (14 MLD)	Haridwar	Sequential Batch Reactor	14	16	Non-complying	Non-complying
5	Sarai Jwalapur STP (18 MLD)	Haridwar	Sequential Batch Reactor	18	18.56	Non-complying	Non-complying

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Inlet BOD (mg/L)	Outlet BOD	Compliance for BOD w.r.t. NGT
1	Chamoli Ghat	Chamoli-Gopeshwar	0.76	17	2	Complying
2	Pokhri, Joshimath 1.08 MLD	Joshimath	1.08	21	9	Complying
3	Near Police Chowki STP 01	Karanprayag	0.05	11	2	Complying
4	Near Ward 1 & 3 STP 05	Karanprayag	0.1	17	1	Complying
5	Near Dart Pull STP	Rudraprayag	0.075	2	2	Complying
6	Army Bend (Rudra Complex) STP 02	Rudraprayag	0.1	36	7	Complying
7	Near Steel Bridge	Rudraprayag	0.125	11	4	Complying
8	0.05 MLD Taulia STP	Srikot	0.05	22	11	Non-complying
9	Old Mothrowala	Dehradun	20	28	2	Complying
10	New Mothrowala	Dehradun	20	28	3	Complying

- Inlet BOD range

State	Inlet BOD ≤ 10 mg/l	Inlet BOD 11-20 mg/l	Inlet BOD 21-40mg/l	Total STPs with weak sewage (upto 40 mg/l)	Treated sewage Complying w.r.t BOD (<10mg/l)	Inlet BOD 40-100 mg/l	Inlet BOD 100 - 150 mg/l	Inlet BOD 150-250mg/l	Inlet BOD >250mg/l	Overall compliance for BOD	
										Complying Treated sewage w.r.t BOD (<10mg/l) (NGT)	complying Treated sewage w.r.t BOD (<30mg/l)
Uttarakhand	1	4	5	10	9	8	7	13	10	27	38

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.