

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

- Commissioned STPs – 40 (14 towns) with designed capacity – 1303.0 MLD
- Operational STPs – 37 (Operational capacity –1297.9 MLD) with Utilized capacity – 1105.2 MLD (~84.8% 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	17
Non-complying	32	20

- Non-operational STPs – 03 (Designed capacity – 5.1 MLD)
- STPs complying for Faecal Coliform norms (<230 MPN/100ml) – 15
- STPs non-complying for Faecal Coliform norms (>230 MPN/100ml) – 22
- STPs having disinfection system – 32 (All operational)
- BOD removal efficiency range: ≤50% - 4 STPs; 50-70% - 3 STPs; 70-90%-11 STPs and ≥90% - 18 STPs
- STPs operating under-capacity (75% of designed capacity) - 16 STPs
- STPs operating over-capacity - 13 STP

Operational and Compliance status of Sewage Treatment Plants in Uttar Pradesh

S.No.	Name of STPs	Ganga Front Town	Treatment Technology	Design 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	24 MLD STP Bijnor	Bijnor	UASB	24	28.03.2024	Operational	Non-complying BOD,COD,TSS, TN	Non-complying BOD,TSS
2	Brajghat (03 MLD) STP	Garhmukteshwar	UASB	3	13.03.2024	Operational	Non-complying COD,BOD,FC	Non-complying FC
3	Garhmukteshwar STP	Garhmukteshwar	UASB	6	13.03.2024	Operational	Non-complying BOD,COD,FC	Non-complying FC
4	Narora NAPS Township STP	Narora	ASP	2.25	29.01.2024	Operational	Non-complying BOD,COD,FC	Non-complying FC
5	Narora Town (4.0 MLD)	Narora	SBR	4	29.01.2024	Operational	Non-complying BOD,COD,FC, TN	Non-complying FC
6	Anupsahar 1.5 MLD STP, Zone A	Anupshahr	MBBR	1.5	27.02.2024	Operational	Non-complying BOD,COD,TSS, TN	Non-complying BOD
7	Anupsahar 0.81 MLD STP, Zone A	Anupshahr	WSP	0.81	27.02.2024	Operational	Non-complying BOD,COD,TSS, TN	Non-complying BOD
8	Anupsahar 1.75 MLD STP, Zone B	Anupshahr	WSP	1.75	27.02.2024	Operational	Non-complying BOD,COD,TSS, TN	Non-complying BOD

S.No.	Name of STPs	Ganga Front Town	Treatment Technology	Design ed 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	Anupsahar 1.0 MLD STP, Zone B	Anupshahr	MBBR	1	27.02.2024	Operational	Non-complying BOD,COD,TSS, TN,FC	Non-complying BOD,FC
10	2.7 MLD Fatehgarh	Farrukhabad	OP	2.7	24.01.2024	Operational	Non-complying BOD, COD, T.N, FC	Non-complying FC
11	Jalalpur Amara (13 MLD) STP	Kannauj	SBR	13	23.01.2024	Operational	Non-complying BOD, T.N	Complying
12	130 MLD Jajmau STP Kanpur	Kanpur	ASP	130	09.01.2024	Operational	Non-complying BOD, TN, FC	Non-complying FC
13	Jajmau (43 MLD) Kanpur	Kanpur	ASP	43	09.01.2024	Operational	Non-complying BOD, COD, TSS, T.N, FC	Non-complying BOD, FC
14	Jajmau (5 MLD) Kanpur	Kanpur	UASB	5	14.02.2024	Non-operational	-	-
15	Bingawan (210 MLD) STP, Kanpur	Kanpur	UASB	210	28.02.2024	Operational	Non-complying BOD, COD, TSS, T.N, FC	Non-complying BOD, FC
16	30 MLD STP at Pankha	Kanpur	SBR	30	14.03.2024	Operational	Non-complying BOD, COD, T.N	Non-complying BOD
17	Sajari STP, Kanpur	Kanpur	ASP	42	27.02.2024	Operational	Non-complying T.N	Complying
18	Bithoor (80 KLD) STP	Bithoor	Constructed wetland	0.08	11.01.2024	Operational	Non-complying BOD, T.N, FC	Non-complying FC
19	32 KLD FSTP, Nandauli Village	Unnao	FSTP	0.032	23.01.2024	Non-operational	-	-
20	29 MLD STP, Salori, Prayagraj	Prayagraj	FAB reactor	29	12.03.2024	Operational	Non-complying FC	Complying
21	Salori (Bakshi Bandh) 14 MLD Prayagraj	Prayagraj	SBR	14	12.03.2024	Operational	Complying	Complying
22	60 MLD STP, Rajapur, Prayagraj	Prayagraj	UASB	60	11.03.2024	Operational	Non-complying FC	Complying
23	10 MLD STP, Ponghat, Prayagraj	Prayagraj	BTT followed by ASP	10	12.03.2024	Operational	Non-complying FC	Complying
24	25 MLD STP, Kodra, Prayagraj	Prayagraj	BTT followed by ASP	25	12.03.2024	Operational	Non-complying FC	Complying

S.No.	Name of STPs	Ganga Front Town	Treatment Technology	Design 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
25	80 MLD STP , Nani, Prayagraj	Prayagraj	ASP	80	12.03.2024	Operational	Complying	Complying
26	42 MLD STP, Naini 2	Prayagraj	FCR	42	12.03.2024	Operational	Non-complying FC	Complying
27	50 MLD STP , Numayadhari, Prayagraj	Prayagraj	BTT followed by ASP	50	11.03.2024	Operational	Complying	Complying
28	14 MLD STP Phaphamau Prayagraj	Prayagraj	FCR	14	11.03.2024	Operational	Non-complying FC	Complying
29	16 MLD STP, Jhansi	Prayagraj	FCR	16	13.03.2024	Operational	Complying	Complying
30	14 MLD STP Mirzapur (Pakka Pokhra)	Mirzapur	UASB	14	14.02.2024	Operational	Non-complying BOD, COD, T.N, FC	Complying
31	7 MLD, STP, Vindhyachal,	Mirzapur	SBR	7	14.02.2024	Operational	Non-complying FC	Non-complying FC
32	10 KLD FSTP Chunar, Mirzapur	Chunar	FSTP	0.01	13.02.2024	Operational	Non-complying FC, BOD, COD, TSS, T.N	Non-complying BOD
33	80 MLD STP at Dinapur	Varanasi	TF & ASP	80	20.02.2024	Operational	Non-complying BOD, COD, TSS, T.N,	Complying
34	50 MLD STP, Ramanna	Varanasi	SBR	50	19.03.2024	Operational	Non-complying T.N	Complying -
35	32 KLD FSTP, Near Bairoghat Temple Farrukhabad	Farrukhabad	ABR	0.032	24.01.2024	Non-operational	-	-
36	140 MLD STP at Dinapur	Varanasi	ASP	140	20.02.2024	Operational	Non-complying T.N, FC	Non-complying FC
37	10 MLD STP, Ramnagar	Ramnagar, Varanasi	A2O	10	19.03.2024	Operational	Non-complying FC	Non-complying FC
38	Bhagwanpur, Varanasi	Varanasi	ASP	9.8	18.03.2024	Operational	Complying	Complying
39	120 MLD STP at Goithaha	Varanasi	SBR	120	21.02.2024	Operational	Non-complying T.N, FC	Non-complying FC
40	12 MLD BLW	Varanasi	ASP	12	18.03.2024	Operational	Non-complying T.N, COD	Complying

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity	BOD (<10 mg/l)
1	Sajari STP, Kanpur	Kanpur	42	9.7
2	29 MLD STP, Salori, Prayagraj	Prayagraj	29	8.92
3	Salori (Bakshi Bandh) 14 MLD Prayagraj	Prayagraj	14	5
4	60 MLD STP, Rajapur, Prayagraj	Prayagraj	60	8.88
5	10 MLD STP, Ponghat, Prayagraj	Prayagraj	10	8.17
6	25 MLD STP, Kodra, Prayagraj	Prayagraj	25	8.65
7	80 MLD STP, Nani, Prayagraj	Prayagraj	80	9.2
8	42 MLD STP, Naini 2	Prayagraj	42	7.4
9	50 MLD STP, Numayadhari, Prayagraj	Prayagraj	50	5
10	14 MLD STP Phaphamau Prayagraj	Prayagraj	14	9.35
11	16 MLD STP, Jhansi	Prayagraj	16	8.8
12	7 MLD, STP, Vindhyachal,	Mirzapur	7	5
13	50 MLD STP, Ramanna	Varanasi	50	7.8
14	140 MLD STP at Dinapur	Varanasi	140	8.8
15	10 MLD STP, Ramnagar	Ramnagar, Varanasi	10	6.8
16	Bhagwanpur, Varanasi	Varanasi	9.8	7.2
17	120 MLD STP at Goithaha	Varanasi	120	5
18	12 MLD BLW (former known as DLW)	Varanasi	12	8

- STPs complying to BOD Norms (11-30mg/l) in Uttar Pradesh (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	Brajghat (03 MLD) STP	Garhmukteshwar	3	15
2	Garhmukteshwar STP	Garhmukteshwar	6	13
3	Narora NAPS Township STP	Narora	2.25	24
4	Narora Town (4.0 MLD)	Narora	4	20
5	2.7 MLD Fatehgarh	Farrukhabad	2.7	27.5
6	Jalalpur Amara (13 MLD) STP	Kannauj	13	15
7	130 MLD Jajmau STP Kanpur	Kanpur	130	12.1
8	Bithoor (80 KLD) STP	Bithoor	0.08	12.3
9	14 MLD STP Mirzapur (Pakka Pokhra)	Mirzapur	14	14.9
10	80 MLD STP at Dinapur	Varanasi	80	24.2

- STPs non-complying to BOD Norms (BOD > 30 mg/l) in Uttar Pradesh (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	24 MLD STP Bijnor, Near Hemraj Colony	Bijnor	24	34
2	Anupsahar 1.5 MLD STP, Zone A	Anupshahr	1.5	72
3	Anupsahar 0.81 MLD STP, Zone A	Anupshahr	0.81	62
4	Anupsahar 1.75 MLD STP, Zone B	Anupshahr	1.75	42
5	Anupsahar 1.0 MLD STP, Zone B	Anupshahr	1	67
6	Jajmau (43 MLD) Kanpur	Kanpur	43	42.3
7	Bingawan (210 MLD) STP, Kanpur	Kanpur	210	39.5
8	30 MLD STP at Pankha	Kanpur	30	40.6
9	10 KLD FSTP Chunar, Mirzapur	Chunar	0.01	35.3

- STPs complying to COD (≤ 50 mg/l) in Uttar Pradesh (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	Jalalpur Amara (13 MLD) STP	Kannauj	13	49.4
2	130 MLD Jajmau STP Kanpur	Kanpur	130	24.5

3	Sajari STP, Kanpur	Kanpur	42	35.4
4	Bithoor (80 KLD) STP	Bithoor	0.08	27
5	29 MLD STP , Salori, Prayagraj	Prayagraj	29	43.9
6	Salori (Bakshi Bandh) 14 MLD Prayagraj	Prayagraj	14	8.05
7	60 MLD STP, Rajapur, Prayagraj	Prayagraj	60	47.9
8	10 MLD STP , Ponghat, Prayagraj	Prayagraj	10	42.8
9	25 MLD STP , Kodra, Prayagraj	Prayagraj	25	48.3
10	80 MLD STP , Nani, Prayagraj	Prayagraj	80	49.8
11	42 MLD STP, Naini 2	Prayagraj	42	30.4
12	50 MLD STP , Numayadhari, Prayagraj	Prayagraj	50	28.2
13	14 MLD STP Phaphamau Prayagraj	Prayagraj	14	47.9
14	16 MLD STP, Jhansi	Prayagraj	16	43.6
15	7 MLD, STP, Vindhyachal,	Mirzapur	7	12.7
16	50 MLD STP, Ramanna	Varanasi	50	35.5
17	140 MLD STP at Dinapur	Varanasi	140	27.1
18	10 MLD STP, Ramnagar	Ramnagar, Varanasi	10	17.2
19	Bhagwanpur, Varanasi	Varanasi	9.8	28.8
20	120 MLD STP at Goithaha	Varanasi	120	6.84

- STPs non-complying to COD (≥ 50 mg/l) in Uttar Pradesh (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	24 MLD STP Bijnor, Near Hemraj Colony	Bijnor	24	112
2	Brajhat (03 MLD) STP	Garhmukteshwar	3	84
3	Garhmukteshwar STP	Garhmukteshwar	6	83
4	Narora NAPS Township STP	Narora	2.25	104
5	Narora Town (4.0 MLD)	Narora	4	76
6	Anupsahar 1.5 MLD STP, Zone A	Anupshahr	1.5	131
7	Anupsahar 0.81 MLD STP, Zone A	Anupshahr	0.81	131
8	Anupsahar 1.75 MLD STP, Zone B	Anupshahr	1.75	122
9	Anupsahar 1.0 MLD STP, Zone B	Anupshahr	1	158
10	2.7 MLD Fatehgarh	Farrukhabad	2.7	97.4
11	Jajmau (43 MLD) Kanpur	Kanpur	43	111
12	Bingawan (210 MLD) STP, Kanpur	Kanpur	210	107
13	30 MLD STP at Pankha	Kanpur	30	120
14	14 MLD STP Mirzapur (Pakka Pokhra)	Mirzapur	14	59.8
15	10 KLD FSTP Chunar, Mirzapur	Chunar	0.01	101
16	80 MLD STP at Dinapur	Varanasi	80	60.4
17	12 MLD BLW (former known as DLW)	Varanasi	12	53.8

- STPs complying to TSS (≤ 20 mg/l) in Uttar Pradesh (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	Brajhat (03 MLD) STP	Garhmukteshwar	3	BDL
2	Garhmukteshwar STP	Garhmukteshwar	6	10
3	Narora NAPS Township STP	Narora	2.25	20
4	Narora Town (4.0 MLD)	Narora	4	BDL
5	2.7 MLD Fatehgarh	Farrukhabad	2.7	10
6	Jalapur Amara (13 MLD) STP	Kannauj	13	10
7	130 MLD Jajmau STP Kanpur	Kanpur	130	7.24
8	30 MLD STP at Pankha	Kanpur	30	7.62
9	Sajari STP, Kanpur	Kanpur	42	8.48
10	Bithoor (80 KLD) STP	Bithoor	0.08	2.8
11	29 MLD STP , Salori, Prayagraj	Prayagraj	29	12.8
12	Salori (Bakshi Bandh) 14 MLD Prayagraj	Prayagraj	14	3.4
13	60 MLD STP, Rajapur, Prayagraj	Prayagraj	60	13
14	10 MLD STP , Ponghat, Prayagraj	Prayagraj	10	18.1

15	25 MLD STP , Kodra, Prayagraj	Prayagraj	25	8.04
16	80 MLD STP , Nani, Prayagraj	Prayagraj	80	8.89
17	42 MLD STP, Naini 2	Prayagraj	42	7.29
18	50 MLD STP , Numayadhari, Prayagraj	Prayagraj	50	12.8
19	14 MLD STP Phaphamau Prayagraj	Prayagraj	14	8.2
20	16 MLD STP, Jhansi	Prayagraj	16	2.6
21	14 MLD STP Mirzapur (Pakka Pokhra)	Mirzapur	14	9.6
22	7 MLD, STP, Vindhyachal,	Mirzapur	7	BDL
23	50 MLD STP, Ramanna	Varanasi	50	4
24	140 MLD STP at Dinapur	Varanasi	140	3.73
25	10 MLD STP, Ramnagar	Ramnagar, Varanasi	10	8.35
26	Bhagwanpur, Varanasi	Varanasi	9.8	2.7
27	120 MLD STP at Goithaha	Varanasi	120	<2.5
28	12 MLD BLW (former known as DLW)	Varanasi	12	11.6

- STPs complying to TSS (20 mg/l - 100 mg/l) in Uttar Pradesh (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	Anupsahar 1.5 MLD STP, Zone A	Anupshahr	1.5	63
2	Anupsahar 0.81 MLD STP, Zone A	Anupshahr	0.81	21
3	Anupsahar 1.75 MLD STP, Zone B	Anupshahr	1.75	43
4	Anupsahar 1.0 MLD STP, Zone B	Anupshahr	1	42
5	Jajmau (43 MLD) Kanpur	Kanpur	43	94.8
6	Bingawan (210 MLD) STP, Kanpur	Kanpur	210	25.1
7	10 KLD FSTP Chunar, Mirzapur	Chunar	0.01	27.4
8	80 MLD STP at Dinapur	Varanasi	80	32.9

- STPs non-complying to TSS (≥ 100 mg/l) in Uttar Pradesh (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	24 MLD STP Bijnor	Bijnor	24	214

- STPs complying to FC (≤ 230 MPN/100 ml) in Uttar Pradesh (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.	24 MLD STP Bijnor, Near Hemraj Colony	Bijnor	24	5.5
2.	Anupsahar 0.81 MLD STP, Zone A	Anupshahr	0.81	45
3.	Jalalpur Amara (13 MLD) STP	Kannauj	13	<1.8
4.	30 MLD STP at Pankha	Kanpur	30	<1.8
5.	Sajari STP, Kanpur	Kanpur	42	<1.8
6.	Salori (Bakshi Bandh) 14 MLD Prayagraj	Prayagraj	14	<1.8
7.	80 MLD STP , Nani, Prayagraj	Prayagraj	80	200
8.	50 MLD STP , Numayadhari, Prayagraj	Prayagraj	50	200
9.	16 MLD STP, Jhansi	Prayagraj	16	<1.8
10.	80 MLD STP at Dinapur	Varanasi	80	<1.8
11.	50 MLD STP, Ramanna	Varanasi	50	200
12.	Bhagwanpur, Varanasi	Varanasi	9.8	<1.8
13.	12 MLD BLW (former known as DLW)	Varanasi	12	200

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (230 - 1000 MPN/100 ml)
1	29 MLD STP , Salori, Prayagraj	Prayagraj	29	450
2	60 MLD STP, Rajapur, Prayagraj	Prayagraj	60	780
3	10 MLD STP , Ponghat, Prayagraj	Prayagraj	10	450
4	25 MLD STP , Kodra, Prayagraj	Prayagraj	25	400
5	42 MLD STP, Naini 2	Prayagraj	42	400
6	14 MLD STP Phaphamau Prayagraj	Prayagraj	14	780
7	14 MLD STP Mirzapur (Pakka Pokhra)	Mirzapur	14	780
8	10 KLD FSTP Chunar, Mirzapur	Chunar	0.01	450

- STPs non-complying to FC (≥ 1000 MPN/100 ml) in Uttar Pradesh (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	Brajghat (03 MLD) STP	Garhmukteshwar	3	23×10^2
2	Garhmukteshwar STP	Garhmukteshwar	6	18×10^2
3	Narora NAPS Township STP	Narora	2.25	21×10^4
4	Narora Town (4.0 MLD)	Narora	4	12×10^4
5	Anupsahar 1.0 MLD STP, Zone B	Anupshahr	1	24×10^6
6	2.7 MLD Fatehgarh	Farrukhabad	2.7	2×10^3
7	130 MLD Jajmau STP Kanpur	Kanpur	130	1.7×10^5
8	Jajmau (43 MLD) Kanpur	Kanpur	43	1.3×10^5
9	Bingawan (210 MLD) STP, Kanpur	Kanpur	210	13×10^5
10	Bithoor (80 KLD) STP	Bithoor	0.08	79×10^3
11	7 MLD, STP, Vindhyachal,	Mirzapur	7	1300
12	140 MLD STP at Dinapur	Varanasi	140	13×10^3
13	10 MLD STP, Ramnagar	Ramnagar, Varanasi	10	13×10^4
14	120 MLD STP at Goithaha	Varanasi	120	4500

- STPs having disinfection system

S. No.	Name of STPs/CETPs	Ganga Front Town	Designed Capacity (MLD)	Disinfection Technology
1	24 MLD STP Bijnor, Near Hemraj Colony	Bijnor	24	Chlorination
2	Brajghat (03 MLD) STP	Garhmukteshwar	3	Chlorination
3	Garhmukteshwar STP	Garhmukteshwar	6	Chlorination
4	Narora NAPS Township STP	Narora	2.25	Chlorination
5	Narora Town (4.0 MLD)	Narora	4	Chlorination
6	Anupsahar 1.5 MLD STP, Zone A	Anupshahr	1.5	Chlorination
7	Anupsahar 0.81 MLD STP, Zone A	Anupshahr	0.81	Chlorination
8	Anupsahar 1.75 MLD STP, Zone B	Anupshahr	1.75	Chlorination
9	Anupsahar 1.0 MLD STP, Zone B	Anupshahr	1	Chlorination
10	Jalalpur Amara (13 MLD) STP	Kannauj	13	Chlorination
11	Bingawan (210 MLD) STP, Kanpur	Kanpur	210	Chlorination

12	30 MLD STP at Pankha	Kanpur	30	Chlorination
13	Sajari STP, Kanpur	Kanpur	42	Chlorination
14	29 MLD STP , Salori, Prayagraj	Prayagraj	29	Chlorination
15	Salori (Bakshi Bandh) 14 MLD Prayagraj	Prayagraj	14	Chlorination
16	60 MLD STP, Rajapur, Prayagraj	Prayagraj	60	Chlorination
17	10 MLD STP , Ponghat, Prayagraj	Prayagraj	10	Chlorination
18	25 MLD STP , Kodra, Prayagraj	Prayagraj	25	Chlorination
19	80 MLD STP , Nani, Prayagraj	Prayagraj	80	Chlorination
20	42 MLD STP, Naini 2	Prayagraj	42	Chlorination
21	50 MLD STP , Numayadhai, Prayagraj	Prayagraj	50	Chlorination
22	14 MLD STP Phaphamau Prayagraj	Prayagraj	14	chlorination
23	16 MLD STP, Jhansi	Prayagraj	16	Chlorination
24	14 MLD STP Mirzapur (Pakka Pokhra)	Mirzapur	14	Chlorination
25	7 MLD, STP, Vindhyachal,	Mirzapur	7	Chlorination
26	10 KLD FSTP Chunar, Mirzapur	Chunar	0.01	UV
27	80 MLD STP at Dinapur	Varanasi	80	Chlorination
28	50 MLD STP, Ramanna	Varanasi	50	Chlorination
29	140 MLD STP at Dinapur	Varanasi	140	Chlorination
30	10 MLD STP, Ramnagar	Ramnagar, Varanasi	10	Chlorination
31	Bhagwanpur, Varanasi	Varanasi	9.8	Chlorination
32	120 MLD STP at Goithaha	Varanasi	120	UV Treatment System

- Performance assessment of STPs of Uttar Pradesh

	Technology (No.)	Range of BOD removal efficiency (%age)				Total	Overall complying		Overall non-complying		Non-complying Parameters either BOD,COD,TSS/FC		Non-operational
		<50	50-70	70-90	>90		Hon'ble NGT norms	MoEF & CC norms	Hon'ble NGT norms	MoEF & CC norm	Hon'ble NGT norms	MoEF & CC norms	
1	SBR (7)	1	1	1	4	7	1	3	6	4	3 / 2	1 / 3	-
2	ASP (8)	-	-	2	6	8	2	4	6	4	4 / 4	1 / 4	-
3	UASB (7)	2		3	1	6	0	2	6	4	5 / 5	2 / 3	1

4	MBBR/FAB (3)	1	1		1	3	0	1	3	2	2/2	2/1	-
5	ASPand BTT/ TF (4)	-	-	1	3	4	1	4	3	0	1/2	0/0	-
6	WSP/OP (3)	-	1	2		3	0	0	3	3	3/1	2/1	-
7	FSTP (3)*	-	-	-		0	0	0	1	1	1/1	1/1	2
8	A2O (1)	-	-	-	1	1	0	0	1	1	0/1	0/1	-
9	FCR (3)	-	-	1	2	3	1	3	2	0	0/2	0/0	-
10	CWS (1)	-	-	1		1	0	0	1	1	1/1	0/1	-
	Total (40)	4	3	11	18	36	5	17	32	20	20/20	9/15	3

*No inlet sample at 1 FSTP - 10 KLD Chunar, hence BOD removal efficiency couldn't be calculated.

• **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	Brajghat	Garhmukteshwar	UASB	3	13
2	Jalalpur Amara	Kannauj	SBR	13	25

• **STP operating below capacity (<75% of designed 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	Brajghat (03 MLD) STP	Garhmukteshwar	UASB	3	0.012	Non-complying	Non-complying
2	Garhmukteshwar STP	Garhmukteshwar	UASB	6	0.041	Non-complying	Non-complying
3	Narora NAPS Township STP	Narora	ASP	2.25	1.046	Non-complying	Non-complying
4	Narora Town	Narora	SBR	4	1.64	Non-complying	Non-complying
5	Anupsahar 1.0 MLD STP, Zone B	Anupshahr	MBBR	1	0.7	Non-complying	Non-complying
6	2.7 MLD Fatehgarh	Farrukhabad	OP	2.7	2.947	Non-complying	Non-complying
7	Jalalpur Amara (13 MLD) STP	Kannauj	SBR	13	5.57	Non-complying	Complying
8	Jajmau (43 MLD) Kanpur	Kanpur	ASP	43	42.56	Non-complying	Non-complying
9	Bingawan (210 MLD) STP, Kanpur	Kanpur	UASB	210	124	Non-complying	Non-complying
10	Sajari STP, Kanpur	Kanpur	ASP	42	20	Non-complying	Complying
11	Bithoor (80 KLD) STP	Bithoor	Constructed wetland	0.08	0.056	Non-complying	Non-complying

12	14 MLD STP Mirzapur (Pakka Pokhra)	Mirzapur	UASB	14	13	Non-complying	Complying
13	7 MLD, STP, Vindhychal,	Mirzapur	SBR	7	3.08	Non-complying	Non-complying
14	10 KLD FSTP Chunar, Mirzapur	Chunar	FSTP	0.01	0.003	Non-complying	Non-complying
15	120 MLD STP at Goithaha	Varanasi	SBR	120	40	Non-complying	Non-complying
16	12 MLD BLW (former known as DLW)	Varanasi	ASP	12	2.98	Non-complying	Complying

• **STP 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	Anupsahar 1.5 MLD STP, Zone A	Anupshahr	MBBR	1.5	1.7	Non-complying	Non-complying
2	2.7 MLD Fatehgarh	Farrukhabad	OP	2.7	2.947	Non-complying	Non-complying
3	29 MLD STP, Salori, Prayagraj	Prayagraj	FAB reactor	29	40.78	Non-complying	Complying
4	Salori (Bakshi Bandh)	Prayagraj	SBR	14	14.39	Complying	Complying
5	60 MLD STP, Rajapur,	Prayagraj	UASB	60	80.03	Non-complying	Complying
6	10 MLD STP, Ponghat	Prayagraj	BTT followed by ASP	10	12.13	Non-complying	Complying
7	25 MLD STP, Kodra	Prayagraj	BTT followed by ASP	25	28.55	Non-complying	Complying
8	80 MLD STP, Nani	Prayagraj	ASP	80	107.12	Complying	Complying
9	50 MLD STP, Numayadhai	Prayagraj	BTT followed by ASP	50	59.89	Complying	Complying
10	14 MLD STP Phaphamau	Prayagraj	FCR	14	15.14	Non-complying	Complying
11	80 MLD STP at Dinapur	Varanasi	TF & ASP	80	82.82	Non-complying	Complying
12	50 MLD STP, Ramanna	Varanasi	SBR	50	51	Non-complying	Complying
13	Bhagwanpur	Varanasi	ASP	9.8	11	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.