

**Status of Sewage Treatment Plants in West Bengal (August-November,2023)**

- Commissioned STPs – 42 (29 towns) with designed capacity – 693.6 MLD
- Operational STPs – 30 (Designed capacity –456.0 MLD) with Utilized capacity as-247.5 MLD (~54.27% of operational)
- Compliance Status of operational STPs

	Compliance <i>w.r.t.</i> Hon'ble NGT vide order 30.04.2019	Compliance Status <i>w.r.t.</i> MoEF&CC norms dated 13.10.2017
Complying	5	13
Non-complying	25	17

- Non-operational STPs – 12 (Designed capacity –237.6 MLD)
- Non-operational STPs are under-rejuvenation- 06
- STPs complying for Faecal Coliform norms (<230 MPN/100ml) – 11
- STPs non-complying for Faecal Coliform norms (>230 MPN/100ml) – 19
- BOD removal efficiency range: ≤50% - 10 STPs; 50-70% - 4 STPs; 70-90%-10 STPs and ≥90% - 6 STPs

**Operational and Compliance status of Sewage Treatment Plants in West Bengal**

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	Titagarh (ASP)	Titagarh	ASP	4.54	22.11.2023	Operational	Non-complying BOD,COD, TSS,TN,FC	Non-complying pH, FC
2	Titagarh (OP)	Titagarh	OP	4.54	22.11.2023	Operational	Non-complying BOD,COD, TSS,TN,FC	Non-complying FC
3	Bandipur, 14MLD	Bandipur	WSP	14.1	02.11.2023	Operational	Non-complying COD,TSS, TP, FC	Non-complying FC
4	Bansberia STP	Bansberia	WSP	0.3	03.10.2023	Operational	Non-complying COD	Complying
5	Kamarhati STP	Kamarhati	ASP	60	02.11.2023	Non-operational/ Under Rejuvenation		
6	Garulia STP	Garulia	WSP	4.1	22.11.2023	Operational	Non-complying BOD,COD, FC	Non-complying FC
7	Bhadreshwar STP	Bhadreshwar	AL	7.6	17.10.2023	Operational	Non-complying BOD,COD, TSS, 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	Baidyabati STP	Baidyabati	AL	6	17.10.2023	Operational	Non-complying FC	Complying
9	Howrah STP (Arupara)	Howrah	ASP	65	03.10.2023	Non-operational/ Under-rejuvenation		
10	Kona STP (Chakpara, Anandanagar Gram, Bally) Panchayat)	Howrah	ASP	62	03.10.2023	Non-operational/ Under Rejuvenation		
11	Champadani	Champdani	OP	1	09.12.2022	Non-Operational/ Under- rejuvenation		
12	Panihati STP	Panihati	WSP	12	02.11.2023	Operational	Non-complying TSS,FC	Non-complying TSS, FC
13	Gayeshpur	Kanchrapara	SBR	8.33	16.10.2023	Operational	Non-complying TSS, TN	Complying
14	Halisahar, 16 MLD	Halishar	SBR	16	09.10.2023	Operational	Complying	Complying
15	Serampore STP	Serampore	TF	18	07.12.2022	Non-Operational/ Under- rejuvenation		
16	Konnagar (Rishra)	Konnagar	WSP	22	28.11.2023	Operational	Non-complying BOD,COD, TSS,TN,FC	Non-complying BOD,FC
17	Murshidabad STP	Murshidabad	Oxidation Pond	1.96	28.11.2023	Non-operational	-	-
18	Berhampore	Berhampore	WSP	3.7	28.11.2023	Non-Operational	-	-
19	Jiaganj-Azimganj STP	Jiaganj-Azimganj	WSP	1.39	29.11.2023	Non-operational/ Under Rejuvenation		
20	Naihati STP	Naihati	ASP	11.56	16.10.2023	Operational	Non-complying BOD,COD, TSS,TN, FC	Non-complying BOD,FC
21	Naihati-2 ( Near Ramghat ), 6.5 MLD	Naihati	WSP	6.5	16.10.2023	Non-operational		
22	Chandannagar STP (OP)	Chandannagar	WSP	4.54	03.10.2023	Operational	Non-complying COD, FC	Non-complying FC
23	Chandannagar STP (TF)	Chandannagar	TF	18.6	03.10.2023	Operational	Non-complying COD, FC	Non-complying FC
24	Jaggadal – Bhatpara	Bhatpara	FBBAS	31	05.10.2023	Operational	Complying	Complying
25	Jagaddal, Bhatpara	Bhatpara	ASP	9.5	05.10.2023	Operational	Non-complying BOD, COD, TN, FC	Non-complying BOD, 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
26	Kankinara STP	Bhatpara	WSP	10	09.10.2023	Operational	Non-complying BOD, TN, FC	Complying
27	Barrackpore STP ( 6 MLD ), Lat Bagan	Barrackpore	SBR	6	23.11.2023	Operational	Complying	Complying
28	Barrackpore STP ( 18 MLD ), Anandapuri	Barrackpore	SBR	18	23.11.2023	Operational	Complying	Complying
29	Garden Reach STP	Kolkata	ASP	57.5	10.10.2023	Operational	Non-complying TN, FC	Non-complying FC
30	Cossipore, Chitpur, Bangur	Kolkata	ASP	52	30.11.2023	Operational	Non-complying TN, BOD, FC	Non-complying FC
31	South Suburban /Kearapukur, Haridevpur	Kolkata	AL	45	30.10.2023	Operational	Non-complying BOD, COD, TSS, FC	Non-complying TSS, FC
32	Shyamnagar STP	Kolkata	FBAS	10	05.10.2023	Operational	Complying	Complying
33	Baghajatin, 15MLD	Baghajatin	WSP	15	30.10.2023	Operational	Non-complying BOD, COD, TSS, TN, FC	Non-complying BOD, FC
34	Hatisur	Kolkata	Aeration through Long Channel Traverses (ALCT)	10	31.10.2023	Operational	Non-complying BOD, COD, TSS, TN, FC	Non-complying FC
35	Budge Budge STP, 9.33MLD	Budge-Budge	SBR	9.3	10.10.2023	Operational	Non-complying TSS	Complying
36	Nabadwip STP (10 MLD) (WSP)	Nabadwip	WSP	10.5	29.11.2023	Non-operational		
37	Nabadwip (9.5 MLD) ASP	Nabadwip	ASP	9.5	06.11.2023	Operational	Non-complying BOD, COD, TSS, TN	Complying
38	Katwa STP (5.49 MLD) (WSP)	Katwa	WSP	5.49	29.11.2023	Non-operational		
39	Kalyani Block-B2, B3	Kalyani	TF	11	12.10.2023	Operational	Non-complying BOD, COD, TSS, TN, FC	Non-complying BOD, FC
40	Kalyani Town area	Kalyani	WSP	10	12.10.2023	Operational	Non-complying BOD, COD, TSS, TN	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
41	Diamond Harbour STP (2.03 MLD)	Diamond Harbour	WSP	2.03	29.11.2023	Non-operational		
42	Kachrapara	Kanchrapara	Aerated Lagoon	18	06.11.2023	Operational	Non-complying TN	Complying

- STPs complying to BOD Norms (<10mg/l) in West Bengal (August-November,2023) w.r.t. NGT and MoEF norms

S.No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	BOD ( $\leq 10$ mg/l)
1.	Bandipur, 14MLD	Bandipur	14.1	10
2.	Bansberia STP	Bansberia	0.3	5
3.	Baidyabati STP	Baidyabati	6	5
4.	Panihati STP	Panihati	12	3
5.	Gayeshpur	Kanchrapara	8.33	4
6.	Halisahar, 16 MLD	Halishar	16	8
7.	Chandannagar STP (OP)	Chandannagar	4.54	6
8.	Chandannagar STP (TF)	Chandannagar	18.6	6
9.	Jaggadal – Bhatpara	Bhatpara	31	1
10.	Barrackpore STP ( 6 MLD ) , Lat Bagan	Barrackpore	6	3
11.	Barrackpore STP ( 18 MLD ) , Anandapuri	Barrackpore	18	4
12.	Garden Reach STP	Kolkata	57.5	7
13.	Shyamnagar STP	Kolkata	10	0.2
14.	Budge Budge STP, 9.33MLD	Budge-Budge	9.3	2
15.	Kanchrapara	Kanchrapara	18	4

- STPs complying to BOD Norms (11-30mg/l) in West Bengal (August-November,2023) w.r.t. MoEF norms

S. No.	Name of STPs/CETPs	Ganga Front Town	Designed Capacity (MLD)	BOD (11 mg/l to 30 mg/l)
1.	Titagarh (ASP)	Titagarh	4.54	28
2.	Titagarh (OP)	Titagarh	4.54	29
3.	Garulia STP	Garulia	4.1	23
4.	Bhadreshwar STP	Bhadreshwar	7.6	19
5.	Naihati STP	Naihati	11.56	24
6.	Kankinara STP	Bhatpara	10	19
7.	Cossipore, Chitpur, Bangur	Kolkata	52	12
8.	South Suburban /Kearapukur, Haridevpur	Kolkata	45	12
9.	Baghajatin, 15MLD	Baghajatin	15	26
10.	Hatisur	Kolkata	10	14
11.	Nabadwip (9.5 MLD) ASP	Nabadwip	9.5	25
12.	Kalyani Town area	Kalyani	10	20

- **STPs non-complying to BOD ( $\geq 30$  mg/l) in West Bengal (August-November,2023) w.r.t. NGT norms**

S. No.	Name of STPs/CETPs	Ganga Front Town	Designed Capacity (MLD)	BOD ( $\geq 30$ mg/l)
1.	Konnagar (Rishra)	Konnagar	22	65
2.	Jagaddal, Bhatpara	Bhatpara	9.5	34
3.	Kalyani Block-B2,B3	Kalyani	11	40

- **STPs complying to COD ( $\leq 50$  mg/l) in West Bengal (August-November,2023) w.r.t. NGT Norms**

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	COD ( $\leq 50$ mg/l)
1.	Bansberia STP	Bansberia	0.3	20
2.	Baidyabati STP	Baidyabati	6	19
3.	Panihati STP	Panihati	12	8
4.	Gayeshpur STP	Gayeshpur	8.33	24
5.	Halishahar, 16 MLD	Halishahar	16	8
6.	Chandannagar STP (OP)	Chandannagar	4.54	37
7.	Chandannagar STP (TF)	Chandannagar	18.6	16
8.	Kankinara, Madrail,	Bhatpara	10	27
9.	Barrackpore STP ( 6 MLD ) , Lat Bagan	Barrackpore	6.1	20
10.	Garden Reach STP	Kolkata	57.5	32
11.	Cossipore, Chitpur, Bangur	Kolkata	52	8
12.	Shyamnagar STP	Kolkata	10	12
13.	Budge Budge STP, 9.33MLD	Budge-Budge	9.3	23

- **STPs non-complying to COD ( $\geq 50$  mg/l) in West Bengal (August-November,2023) w.r.t. NGT norms**

S. No.	Name of STPs/CETPs	Ganga Front Town	Designed Capacity (MLD)	COD ( $\geq 50$ mg/l)
1.	Titagarh (ASP)	Titagarh	4.54	122
2.	Titagarh (OP)	Titagarh	4.54	73
3.	Bandipur, 14MLD	Bandipur	14.1	61
4.	Bansberia STP	Bansberia	0.3	55
5.	Garulia STP	Garulia	4.1	59
6.	Bhadreshwar STP	Bhadreshwar	7.6	64
7.	Konnagar (Rishra)	Konnagar	22	98
8.	Naihati STP	Naihati	11.56	149
9.	Chandannagar STP (OP)	Chandannagar	4.54	51
10.	Chandannagar STP (TF)	Chandannagar	18.6	51
11.	Jagaddal, Bhatpara	Bhatpara	9.5	52
12.	South Suburban /Kearapukur, Haridevpur	Kolkata	45	54
13.	Baghajatin, 15MLD	Baghajatin	15	58
14.	Hatisur	Kolkata	10	58
15.	Nabadwip (9.5 MLD) ASP	Nabadwip	9.5	54
16.	Kalyani Block-B2,B3	Kalyani	11	164
17.	Kalyani Town area	Kalyani	10	88

- STPs complying to TSS ( $\leq 20$  mg/l) in West Bengal (August-November,2023) *w.r.t.* NGT and MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS ( $\leq 20$ mg/l)
1.	Bansberia STP	Bansberia	0.3	BDL
2.	Garulia STP	Garulia	4.1	13
3.	Baidyabati STP	Baidyabati	6	13
4.	Halisahar, 16 MLD	Halishar	16	16
5.	Chandannagar STP (OP)	Chandannagar	4.54	BDL
6.	Chandannagar STP (TF)	Chandannagar	18.6	BDL
7.	Jaggadal – Bhatpara	Bhatpara	31	BDL
8.	Jagaddal, Bhatpara	Bhatpara	9.5	18
9.	Kankinara STP	Bhatpara	10	9
10.	Barrackpore STP ( 6 MLD ) , Lat Bagan	Barrackpore	6	15
11.	Barrackpore STP ( 18 MLD ) , Anandapuri	Barrackpore	18	15
12.	Garden Reach STP	Kolkata	57.5	BDL
13.	Cossipore, Chitpur, Bangur	Kolkata	52	BDL
14.	Shyamnagar STP	Kolkata	10	8
15.	Kachrapara	Kanchrapara	18	6

- STPs complying to TSS (21 mg/l - 100 mg/l) in West Bengal (August-November,2023) *w.r.t.* MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (21 mg/l - 100 mg/l)
1.	Titagarh (ASP)	Titagarh	4.54	35
2.	Titagarh (OP)	Titagarh	4.54	21
3.	Bandipur, 14MLD	Bandipur	14.1	23
4.	Bhadreshwar STP	Bhadreshwar	7.6	38
5.	Gayeshpur	Kanchrapara	8.33	27
6.	Konnagar (Rishra)	Konnagar	22	27
7.	Naihati STP	Naihati	11.56	78
8.	South Suburban /Kearapukur, Haridevpur	Kolkata	45	86
9.	Baghajatin, 15MLD	Baghajatin	15	42
10.	Hatisur	Kolkata	10	40
11.	Budge Budge STP, 9.33MLD	Budge-Budge	9.3	21
12.	Nabadwip (9.5 MLD) ASP	Nabadwip	9.5	60
13.	Kalyani Block-B2,B3	Kalyani	11	36
14.	Kalyani Town area	Kalyani	10	27

- STPs non-complying to TSS ( $\geq 100$  mg/l) in West Bengal (August-November,2023) *w.r.t.* MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS ( $\geq 100$ mg/l)
1	Panihati STP	Panihati	12	277

- STPs complying to FC ( $\leq 230$  MPN/100 ml) in West Bengal (August-November,2023) *w.r.t.* NGT and MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC ( $\leq 230$ MPN/100 ml)
1.	Bansberia STP	Bansberia	0.3	<1.8
2.	Gayeshpur	Kanchrapara	8.33	<1.8
3.	Halisahar, 16 MLD	Halishar	16	<1.8
4.	Jaggadal – Bhatpara	Bhatpara	31	<1.8
5.	Barrackpore STP ( 6 MLD ) , Lat Bagan	Barrackpore	6	<1.8
6.	Barrackpore STP ( 18 MLD ) , Anandapuri	Barrackpore	18	<1.8
7.	Shyamnagar STP	Kolkata	10	<1.8
8.	Budge Budge STP, 9.33MLD	Budge-Budge	9.3	<1.8
9.	Nabadwip (9.5 MLD) ASP	Nabadwip	9.5	6.8
10.	Kalyani Town area	Kalyani	10	<1.8
11.	Kachrapara	Kanchrapara	18	<1.8

- STPs non-complying to FC (230 to  $\leq 1000$  MPN/100 ml) in West Bengal (August-November,2023) *w.r.t.* MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC ( $\geq 1000$ MPN/100 ml)
1.	Baidyabati STP	Baidyabati	6	680
2.	Kankinara STP	Bhatpara	10	450
3.	Kalyani Block-B2,B3	Kalyani	11	780

- STPs non-complying to FC ( $\geq 1000$  MPN/100 ml) in West Bengal (August-November,2023) *w.r.t.* MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC ( $\geq 1000$ MPN/100 ml)
1.	Titagarh (ASP)	Titagarh	4.54	1600000
2.	Titagarh (OP)	Titagarh	4.54	22000
3.	Bandipur, 14MLD	Bandipur	14.1	54000
4.	Garulia STP	Garulia	4.1	16000
5.	Bhadreshwar STP	Bhadreshwar	7.6	2200
6.	Panihati STP	Panihati	12	7000
7.	Konnagar (Rishra)	Konnagar	22	140000
8.	Naihati STP	Naihati	11.56	14000
9.	Chandannagar STP (OP)	Chandannagar	4.54	2400
10.	Chandannagar STP (TF)	Chandannagar	18.6	2400
11.	Jagaddal, Bhatpara	Bhatpara	9.5	160000
12.	Garden Reach STP	Kolkata	57.5	17000
13.	Cossipore, Chitpur, Bangur	Kolkata	52	4900
14.	South Suburban /Kearapukur, Haridevpur	Kolkata	45	1400
15.	Baghajatin, 15MLD	Baghajatin	15	92000
16.	Hatisur	Kolkata	10	22000

- STPs in West Bengal having disinfection system

S.No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Disinfection Technology
1.	Bansberia STP	Bansberia	0.3	Chlorination
2.	Gayeshpur	Kanchrapara	8.33	Chlorination
3.	Halisahar, 16 MLD	Halishar	16	Chlorination
4.	Chandannagar STP (OP)	Chandannagar	4.54	Chlorination
5.	Chandannagar STP (TF)	Chandannagar	18.6	Chlorination
6.	Jaggadal – Bhatpara	Bhatpara	31	Chlorination
7.	Barrackpore STP ( 6 MLD ) , Lat Bagan	Barrackpore	6	Chlorination
8.	Barrackpore STP ( 18 MLD ) , Anandapuri	Barrackpore	18	Chlorination
9.	Cossipore, Chitpur, Bangur	Kolkata	52	Chlorination
10.	Shyamnagar STP	Kolkata	10	Chlorination
11.	Budge Budge STP, 9.33MLD	Budge-Budge	9.3	Chlorination
12.	Nabadwip (9.5 MLD) ASP	Nabadwip	9.5	Chlorination
13.	Kalyani Block-B2,B3	Kalyani	11	Chlorination
14.	Kalyani Town area	Kalyani	10	Chlorination
15.	Kachrapara	Kanchrapara	18	Chlorination

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

S. No.	Name of STP	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Inlet BOD (mg/l)
1	Bansberia STP	Bansberia	WSP	0.3	6
2	Bhadreshwar STP	Bhadreshwar	AL	7.6	27
3	Baidyabati STP	Baidyabati	AL	6	20
4	Panihati STP	Panihati	WSP	12	11
5	Halisahar, 16 MLD	Halishar	SBR	16	12
6	Konnagar (Rishra)	Konnagar	WSP	22	26
7	Chandannagar STP (OP)	Chandannagar	WSP	4.54	8
8	Chandannagar STP (TF)	Chandannagar	TF	18.6	8
9	Jaggadal – Bhatpara	Bhatpara	FBBAS	31	26
10	Jagaddal, Bhatpara	Bhatpara	ASP	9.5	39
11	Kankinara STP	Bhatpara	WSP	10	9
12	Barrackpore STP ( 6 MLD ) , Lat Bagan	Barrackpore	SBR	6	21
13	Barrackpore STP ( 18 MLD ) , Anandapuri	Barrackpore	SBR	18	16
14	Garden Reach STP	Kolkata	ASP	57.5	20
15	South Suburban /Kearapukur, Haridevpur	Kolkata	AL	45	19
16	Shyamnagar STP	Kolkata	FBAS	10	2
17	Hatisur	Kolkata	Aeration through Long Channel Traverses (ALCT)	10	25
18	Budge Budge STP, 9.33MLD	Budge-Budge	SBR	9.3	7
19	Kachrapara	Kanchrapara	Aerated Lagoon	18	14

- **STPs operating at over-capacity**

Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Utilized capacity (MLD)	Compliance w.r.t. NGT norms dated 30.4.2019	Compliance (MoEF & CC Norms)
Bansberia STP	Bansberia	WSP	0.3	0.4	<b>Non-complying</b> COD	Complying

- **STPs operating at 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 30.4.2019	Compliance (MoEF & CC Norms)
1.	Bandipur, 14MLD	Bandipur	WSP	14.1	4.529	<b>Non-complying</b>	<b>Non-complying</b>
2.	Garulia STP	Garulia	WSP	4.1	2.5	<b>Non-complying</b>	<b>Non-complying</b>
3.	Bhadreshwar STP	Bhadreshwar	AL	7.6	4.3	<b>Non-complying</b>	<b>Non-complying</b>
4.	Baidyabati STP	Baidyabati	AL	6	2.5	<b>Non-complying</b>	Complying
5.	Panihati STP	Panihati	WSP	12	3	<b>Non-complying</b>	<b>Non-complying</b>
6.	Gayeshpur	Kanchrapara	SBR	8.33	3.96	<b>Non-complying</b>	Complying
7.	Halisahar, 16 MLD	Halishar	SBR	16	5.12	Complying	Complying
8.	Konnagar (Rishra)	Konnagar	WSP	22	8.2	<b>Non-complying</b>	<b>Non-complying</b>
9.	Naihati STP	Naihati	ASP	11.56	6.4	<b>Non-complying</b>	<b>Non-complying</b>
10.	Chandannagar STP (OP)	Chandannagar	WSP	4.54	3	<b>Non-complying</b>	<b>Non-complying</b>
11.	Chandannagar STP (TF)	Chandannagar	TF	18.6	10	<b>Non-complying</b>	<b>Non-complying</b>
12.	Jaggadal – Bhatpara	Bhatpara	FBBAS	31	20	Complying	Complying
13.	Jagaddal, Bhatpara	Bhatpara	ASP	9.5	2	<b>Non-complying</b>	<b>Non-complying</b>
14.	Kankinara STP	Bhatpara	WSP	10	6	<b>Non-complying</b>	Complying
15.	Barrackpore STP ( 6 MLD ) , Lat Bagan	Barrackpore	SBR	6	2.21	Complying	Complying
16.	Barrackpore STP ( 18 MLD ) , Anandapuri	Barrackpore	SBR	18	6.32	Complying	Complying
17.	Cossipore, Chitpur, Bangur	Kolkata	ASP	52	16	<b>Non-complying</b>	<b>Non-complying</b>
18.	South Suburban /Kearapukur, Haridevpur	Kolkata	AL	45	22.5	<b>Non-complying</b>	<b>Non-complying</b>

S. No.	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Utilized capacity (MLD)	Compliance w.r.t. NGT norms dated 30.4.2019	Compliance (MoEF & CC Norms)
19.	Shyamnagar STP	Kolkata	FBAS	10	2.3	Complying	Complying
20.	Baghajatin, 15MLD	Baghajatin	WSP	15	6.26	Non-complying	Non-complying
21.	Hatisur	Kolkata	Aeration through Long Channel Traverses (ALCT)	10	1.24	Non-complying	Non-complying
22.	Nabadwip (9.5 MLD) ASP	Nabadwip	ASP	9.5	4.1	Non-complying	Complying
23.	Kachrapara	Kanchrapara	Aerated Lagoon	18	11	Non-complying	Complying

- Performance analysis of STPs

S.No.	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 Norms	Hon'ble NGT norms	MoEF & CC Norms	
1	SBR (5)	1	0	3	1	5	3	5	2	0	2 / 0	0/0	0
2	ASP (9)	1	2	1	2	6	0	1	5	4	5/5	2/5	3
3	WSP/OP/ALCT/AL (23)	7	2	5	1	15	0	5	15	10	13/12	4/10	8
4	FBAS (2)	0	0	0	2	2	2	2	0	0	0 / 0	0/0	0
5	TF (3)	1	0	1	0	2	0	0	2	2	2/1	1/2	1
	<b>Total</b>	<b>10</b>	<b>4</b>	<b>10</b>	<b>6</b>	<b>30</b>	<b>1</b>	<b>16</b>	<b>25</b>	<b>10</b>	<b>22/18</b>	<b>7/17</b>	<b>12</b>

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.