

Status of Sewage Treatment Plants in West Bengal (as on June 30,2022)

- Commissioned STPs – 41 (27 towns) with designed capacity – 665 MLD
- Operational STPs – 21* (Designed capacity –332.7 MLD) with Utilized capacity as- 255.4 MLD (~76% 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	4	9
Non-complying	16	11

- Non-operational STPs – 20 (Designed capacity –332.3 MLD)
- 15 non-operational STPs are under-rejuvenation
- STPs complying for Faecal Coliform norms (<230 MPN/100ml) – 7
- STPs non-complying for Faecal Coliform norms (>230 MPN/100ml) – 13

Operational and Compliance status of Sewage Treatment Plants in West Bengal

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 norms dated 13.10.2017
1	Titagarh (ASP)	Titagarh	ASP	4.5	10.05.2022	Operational	Non-complying BOD, COD, TSS, T.N, and FC	Non-complying FC
2	Titagarh (OP)	Titagarh	OP	4.5	10.05.2022	Operational	-	-
3	Bandipur, 14MLD	Bandipur	WSP	14	04.05.2022	Non-operational/ Under Rejuvenation	-	
4	Bansberia STP	Bansberia	WSP	0.3	02.05.2022	Operational	Non-complying BOD, T.N & FC	complying
5	Kamarhati STP	Kamarhati	TF	60	23.07.2021	Non-Operational	-	
6	Garulia STP	Garulia	WSP	4.1	10.05.2022	Operational	Non-complying pH, BOD, COD, TSS	Non-complying pH
7	Bhadreswar STP	Bhadreshwar	AL	7.6	04.05.2022	Non-Operational-under trial run	-	
8	Baidyabati STP	Baidyabati	AL	6	04.05.2022	Operational (Under Trial)	Non-complying T.N. & FC	Non-complying FC
9	Howrah STP (Arupara)	Howrah	ASP	65	02.03.2022	Non-operational/ Under Rejuvenation	-	
10	Kona STP (Chakpara, Anandanagar)	Howrah	ASP	62	02.03.2022	Non-operational/ Under Rejuvenation	-	

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 norms dated 13.10.2017
	Gram, Bally) Panchayat)							
11	Champadani	Champdani	OP	1	02.05.2022	Non-Operational	-	
12	Panihati STP	Panihati	WSP	12	04.05.2022	Non-operational/ Under Rejuvenation	-	
13	Gayeshpur, Halishar & Kanchrapara	Kanchrapara	SBR	8.33	24.05.2022	Operational	Non-complying T.N.	complying
14	Halisahar, 16 MLD	Halisahar	SBR	16	17.05.2022	Operational	Complying	complying
15	Serampore STP	Serampore	TF	18.5	04.05.2022	Non-operational	-	
16	Konnagar (Rishra)	Konnagar	WSP	22	04.05.2022	Non-operational	-	
17	Murshidabad STP	Murshidabad	Oxidation Pond	1.96	10.05.2022	non-operational	-	
18	Berhrampore	Murshidabad	WSP	3.7	09.05.2022	Non-Operational	-	
19	Jiaganj- Azimganj STP	Jiaganj- Azimganj	WSP	1.39	10.05.2022	Non-operational/ Under Rejuvenation	-	
20	Naihati STP	Naihati	ASP	11.56	30.05.2022	Operational (Under Trial)	Non-complying T.N. & FC	complying
21	Naihati-2 (Near Ramghat) , 6.5 MLD	Naihati	WSP	6.5	30.05.2022	Non-operational/ Under Rejuvenation	-	
22	Chandannagar STP (OP)	Chandannagar	WSP	4.54	02.05.2022	Non-operational/ Under Rejuvenation	-	
23	Chandannagar STP (TF)	Chandannagar	TF	18.6	02.05.2022	Non-operational/ Under Rejuvenation	-	
24	Jaggadal – Bhatpara	Bhatpara	FBBAS	31	09.05.2022	Operational	Non-complying BOD, COD, TSS, T.N. and FC	Non-complying FC
25	Jagaddal, Bhatpara	Bhatpara	ASP	9.5	09.05.2022	Operational	Non-complying BOD, COD, TSs, and FC	Non-complying FC
26	Jaggadal – Bhatpara (OP)	Bhatpara	OP	0.5	09.05.2022	Non-Operational	-	
27	Kankinara, Madrail,	Bhatpara	WSP	10	24.05.2022	Operational	Non-complying TSS, and FC	Non-complying TSS, FC
28	Barrackpore STP (6 MLD) , Lat Bagan	Barrackpore	SBR	6.1	23.05.2022	Operational	Complying	complying

S. No.	Name of STPs	Ganga Front Town	Treatment Technology	Designed Capacity (MLD)	Date of Inspection	Operational /Non-Operational Status	Compliance Status w.r.t Hon'ble NGT norms dated 30.04.2019	Compliance Status w.r.t MoEF norms dated 13.10.2017
29	Barrackpore STP (18 MLD), Anandapuri	Anandapuri	SBR	18	23.05.2022	Operational	Non-complying T.N	complying
30	Garden Reach STP	Kolkata	ASP	57.5	09.05.2022	Operational (Under Trial)	Non-complying T.N, CDO, TSS, FC	Non-complying FC
31	Cossipore, Chitpur, Bangur	Kolkata	ASP	52	02.05.2022	Operational	Non-complying T.N. & FC	Non-complying FC
32	South Suburban /Kearapukur, Haridevpur	South Suburban /Kearapukur	AL	43	10.03.2022	Operational	Non-complying FC	Non-complying FC
33	Shyamnagar STP Banerjee Para, Shyam Nagar, Kolkata, West Bengal	Kolkata	FBAS	10	10.05.2022	Operational	Complying	complying
34	Baghajatin, 15MLD	Baghajatin	WSP	15	02.05.2022	Non-operational/ Under Rejuvenation		
35	Hatisur	Kolkata	Aeration through Long Channel Traverses (ALCT)	10	02.05.2022	Operational	Non-complying BOD,COD, , T.N. and FC	Non-complying FC
36	Budge Budge STP, 9.33MLD		SBR	9.33	24.05.2022	Operational	Complying	complying
37	Nabadwip STP (10.5 MLD) (WSP)	Nabadwip	WSP	10.5	11.05.2022	Non-operational	-	
38	Katwa STP (5.49 MLD) (WSP)	Katwa	WSP	5.49	11.05.2022	Non-operational	-	
39	Kalyani Block- B2,B3	Kalyani	TF	11	17.05.2022	Operational	Non-complying BOD, TSS, T.N, and COD	complying
40	Kalyani Town area	Kalyani	WSP	10	17.05.2022	Operational	Non-complying BOD, COD, TSS T.N. & FC	Non-complying FC
41	Diamond Harbour STP (2.03 MLD) Near Police Station, Diamond Harbour		WSP	2.03	23.05.2022	Non-operational	- -	

- STPs complying to BOD Norms (<10mg/l) in West Bengal (April-June,2022) w.r.t. NGT and MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	BOD (≤ 10 mg/l)
1	Baidyabati STP	Baidyabati	6	8
2	Gayeshpur, Halishar & Kanchrapara	Kanchrapara	8.33	<2.5
3	Halisahar, 16 MLD	Halisahar	16	<2.5
4	Naihati STP	Naihati	11.56	10
5	Kankinara, Madrail,	Bhatpara	10	8
6	Barrackpore STP, Lat Bagan	Barrackpore	6.1	<2.5
7	Barrackpore STP (18 MLD) , Anandapuri	Anandapuri	18	<2.5
8	Garden Reach STP	Kolkata	57.5	6
9	Cossipore, Chitpur, Bangur	Kolkata	52	6
10	South Suburban /Kearapukur, Haridevpur	South Suburban /Kearapukur	43	4
11	Shyamnagar STP Banerjee Para, Shyam Nagar, Kolkata, West Bengal	Kolkata	10	3
12	Budge Budge STP, 9.33MLD	Budge Budge	9.33	<2.5

- STPs complying to BOD Norms (11-30mg/l) in West Bengal (April-June,2022) 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	4.5	24
2	Bansberia STP	Bansberia	0.3	16
3	Garulia STP	Garulia	4.1	12
4	Jaggadal – Bhatpara	Bhatpara	31	15
5	Jagaddal, Bhatpara	Bhatpara	9.5	14
6	Hatisur	Kolkata	10	22
7	Kalyani Block-B2,B3	Kalyani	11	29
8	Kalyani Town area	Kalyani	10	17

- STPs complying to COD (≤ 50 mg/l) in West Bengal (April-June,2022) w.r.t. NGT Norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	COD (≤ 50 mg/l)
1	Bansberia STP	Bansberia	0.3	42
2	Baidyabati STP	Baidyabati	6	36
3	Gayeshpur, Halishar & Kanchrapara	Kanchrapara	8.33	16
4	Halisahar, 16 MLD	Halisahar	16	4
5	Naihati STP	Naihati	11.56	44
6	Kankinara, Madrail,	Bhatpara	10	24
7	Barrackpore STP (6 MLD) , Lat Bagan	Barrackpore	6.1	36
8	Barrackpore STP (18 MLD) , Anandapuri	Anandapuri	18	28
9	Cossipore, Chitpur, Bangur	Kolkata	52	44
10	South Suburban /Kearapukur, Haridevpur	South Suburban /Kearapukur	43	32
11	Shyamnagar STP Banerjee Para, Shyam Nagar, Kolkata, West Bengal	Kolkata	10	47
12	Budge Budge STP, 9.33MLD	Budge Budge	9.33	8

- STPs non-complying to COD (≥ 50 mg/l) in West Bengal (April-June,2022) w.r.t. NGT norms

S. No.	Name of STPs/CETPs	Ganga Front Town	Designed Capacity (MLD)	COD (≥ 50 mg/l)
1	Titagarh (ASP)	Titagarh	4.5	110
2	Garulia STP	Garulia	4.1	122
3	Jaggadal – Bhatpara	Bhatpara	31	51
4	Jagaddal, Bhatpara	Bhatpara	9.5	63
5	Garden Reach STP	Kolkata	57.5	51
6	Hatisur	Kolkata	10	64
7	Kalyani Block-B2,B3	Kalyani	11	76
8	Kalyani Town area	Kalyani	10	60

- STPs complying to TSS (≤ 20 mg/l) in West Bengal (April-June,2022) w.r.t. NGT and MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (≤ 20 mg/l)
1	Bansberia STP	Bansberia	0.3	15
2	Baidyabati STP	Baidyabati	6	8
3	Gayeshpur, Halishar & Kanchrapara	Kanchrapara	8.33	12
4	Halisahar, 16 MLD	Halisahar	16	10
5	Naihati STP	Naihati	11.56	16
6	Barrackpore STP (6 MLD) , Lat Bagan	Barrackpore	6.1	10
7	Barrackpore STP (18 MLD) , Anandapuri	Anandapuri	18	9
8	Cossipore, Chitpur, Bangur	Kolkata	52	8
9	South Suburban /Kearapukur, Haridevpur	South Suburban /Kearapukur	43	8
10	Shyamnagar STP Banerjee Para, Shyam Nagar, Kolkata, West Bengal	Kolkata	10	9
11	Hatisur	Kolkata	10	8
12	Budge Budge STP, 9.33MLD	Budge Budge	9.33	<5

- STPs complying to TSS (20 mg/l - 100 mg/l) in West Bengal (April-June,2022) 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	4.5	96
2	Garulia STP	Garulia	4.1	54
3	Jaggadal – Bhatpara	Bhatpara	31	22
4	Jagaddal, Bhatpara	Bhatpara	9.5	40
5	Garden Reach STP	Kolkata	57.5	52
6	Kalyani Block-B2,B3	Kalyani	11	39
7	Kalyani Town area	Kalyani	10	30

- STPs non-complying to TSS (≥ 100 mg/l) in West Bengal (April-June,2022) w.r.t. MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (≥ 100 mg/l)
1	Kankinara, Madrail,	Bhatpara	10	101

- STPs complying to FC (≤ 230 MPN/100 ml) in West Bengal (April-June,2022) w.r.t. NGT and MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (≤ 230 MPN/100 ml)
1	Garulia STP	Garulia	4.1	11
2	Gayeshpur, Halishar & Kanchrapara	Kanchrapara	8.33	2
3	Halisahar, 16 MLD	Halishar	16	<1.8
4	Barrackpore STP (6 MLD) , Lat Bagan	Barrackpore	6.1	<1.8
5	Barrackpore STP (18 MLD) , Anandapuri	Anandapuri	18	<1.8
6	Shyamnagar STP, Banerjee Para,	Kolkata	10	<1.8
7	Budge Budge STP, 9.33MLD	Budge Budge	9.33	<1.8
8	Kalyani Block-B2,B3	Kalyani	11	<1.8

- STPs complying to FC (230-1000 MPN/100 ml) in West Bengal (April-June,2022) w.r.t. MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (230- 1000 MPN/100 ml)
1	Bansberia STP	Bansberia	0.3	920
2	Baidyabati STP	Baidyabati	6	4.9×10^2
3	Naihati STP	Naihati	11.56	920

- STPs non-complying to FC (≥ 1000 MPN/100 ml) in West Bengal (April-June,2022) w.r.t. MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (≥ 1000 MPN/100 ml)
1	Titagarh (ASP)	Titagarh	4.5	35×10^4
2	Jaggadal – Bhatpara	Bhatpara	31	4900
3	Jagaddal, Bhatpara	Bhatpara	9.5	35×10^4
4	Kankinara, Madrail,	Bhatpara	10	4900
5	Garden Reach STP	Kolkata	57.5	11×10^4
6	Cossipore, Chitpur, Bangur	Kolkata	52	11000
7	South Suburban /Kearapukur, Haridevpur	South Suburban /Kearapukur	43	110000
8	Hatisur	Kolkata	10	24×10^3
9	Kalyani Town area	Kalyani	10	14×10^3