

Status of Sewage Treatment Plants in West Bengal (December, 2023 to March,2024)

- Commissioned STPs – 42 (29 towns) with designed capacity – 693.6 MLD
- Operational STPs – 29 (Designed capacity –365.0 MLD) with Utilized capacity as – 200.4 MLD (~54.8 % of operational)
- 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	2	10
Non-complying	27	19

- Non-operational STPs – 13 (Designed capacity –328.1 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) – 18
- Disinfection system available at 16 STPs (15 STPs operational).
- BOD removal efficiency range: ≤50% - 9 STPs; 50-70% - 4 STPs; 70-90%-10 STPs and ≥90% - 6 STPs
- STPs working at under-capacity (75% of designed capacity) - 22 STPs
- STPs working at over-capacity - 1 STP
- STPs receiving weak sewage-15 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	Titagarh	ASP	4.54	19.02.2024	Operational	Non-complying BOD,COD,TSS, TN,FC	Non-complying BOD,TSS,FC
2	Titagarh	Titagarh	OP	4.54	19.02.2024	Operational	Non-complying BOD,COD,TSS, FC	Non-complying FC
3	Bandipur	Bandipur	WSP	14.1	01.02.2024	Operational	Non-complying FC	Non-complying FC
4	Bansberia	Bansberia	WSP	0.3	22.02.2024	Operational	Non-complying BOD,COD,TSS	Complying -
5	Kamarhati	Kamarhati	ASP	60	02.11.2023	Non-operational/ Under Rejuvenation		
6	Garulia	Garulia	WSP	4.1	19.02.2024	Operational	Non-complying BOD,COD,TSS, TN,FC	Non-complying FC
7	Bhadreshwar	Bhadreshwar	AL	7.6	06.03.2024	Operational	Non-complying COD,TN,FC	Non-complying FC
8	Baidyabati	Baidyabati	AL	6	06.03.2024	Operational	Non-complying BOD,TSS,FC	Complying -
9	Howrah (Arupara)	Howrah	ASP	65	03.10.2023	Non-operational/ Under Rejuvenation		
10	Kona STP	Bally, Howrah	ASP	62	03.10.2023	Non-operational/ Under Rejuvenation		
11	Champadani	Champdani	OP	1	09.12.2022	Non-operational/ Under Rejuvenation		
12	Panihati	Panihati	WSP	12	01.02.2024	Operational	Non-complying	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
							BOD,COD,TSS, TN,FC	
13	Gayeshpur	Kanchrapara	SBR	8.33	26.03.2024	Operational	Non-complying TN	Complying -
14	Halisahar, 16 MLD	Halishar	SBR	16	14.03.2024	Operational	Complying -	Complying -
15	Serampore	Serampore	TF	18	07.12.2022	Non-operational/ Under Rejuvenation		
16	Konnagar (Rishra)	Konnagar	WSP	22	06.03.2024	Operational	Non-complying BOD,COD,TSS, FC	Non-complying FC
17	Murshidabad	Murshidabad	Oxidation Pond	1.96	28.11.2023	Non-operational		
18	Berhrampore	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	16.02.2024	Operational	Non-complying BOD,COD,TSS, TN,FC	Non-complying FC
21	Naihati-2 (Near Ramghat)	Naihati	WSP	6.5	16.02.2024	Operational	Non-complying BOD,COD,TN,FC	Non-complying FC
22	Chandannagar	Chandannagar	WSP	4.54	22.02.2024	Operational	Non-complying TSS, FC	Non-complying FC
23	Chandannagar STP	Chandannagar	TF	18.6	22.02.2024	Operational	Non-complying TSS,FC	Non-complying FC
24	Jaggadal – Bhatpara	Bhatpara	FBBAS	31	11.03.2024	Operational	Non-complying TN	Complying -
25	Jagaddal, Bhatpara	Bhatpara	ASP	9.5	11.03.2024	Operational	Non-complying BOD,COD,TSS, FC	Non-complying BOD,FC
26	Kankinara STP	Bhatpara	WSP	10	14.03.2024	Operational	Non-complying BOD,TSS,FC	Non-complying TSS,FC
27	Barrackpore, Lat Bagan	Barrackpore	SBR	6	29.01.2024	Operational	Non-complying TSS	Complying -
28	Barrackpore Anandapuri	Barrackpore	SBR	18	29.01.2024	Operational	Non-complying TSS, TN	Complying -
29	Garden Reach	Kolkata	ASP	57.5	15.02.2024	Operational	Non-complying BOD,COD,TSS, TN,FC	Non-complying FC
30	Cossipore, Chitpur, Bangur	Kolkata	ASP	52	30.01.2024	Non-operational		
31	South Suburban /Kearapukur, Haridevpur	Kolkata	AL	45	05.03.2024	Non-operational		
32	Shyamnagar	Kolkata	FBAS	10	11.03.2024	Operational	Complying -	Complying -
33	Baghajatin	Baghajatin	WSP	15	05.03.2024	Operational	Non-complying BOD,COD,TN,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
34	Hatisur	Kolkata	ALCT	10	30.01.2024	Operational	Non-complying BOD,COD,TSS, TN,FC	Non-complying BOD,FC
35	Budge Budge	Budge-Budge	SBR	9.3	15.02.2024	Operational	Non-complying TN	Complying -
36	Nabadwip	Nabadwip	WSP	10.5	29.11.2023	Non-operational		
37	Nabadwip	Nabadwip	ASP	9.5	13.03.2024	Operational	Non-complying BOD,COD,TSS, TN	Non-complying BOD
38	Katwa	Katwa	WSP	5.49	29.11.2023	Non-operational		
39	Kalyani Block-B2,B3	Kalyani	TF	11	12.02.2024	Operational	Non-complying BOD,COD,TSS, TN	Non-complying BOD
40	Kalyani Town area	Kalyani	WSP	10	12.02.2024	Operational	Non-complying BOD,COD,TSS, TN,FC	Non-complying FC
41	Diamond Harbour	Diamond Harbour	WSP	2.03	29.11.2023	Non-operational		
42	Kachrapara	Kanchrapara	Aerated Lagoon	18	19.03.2024	Operational	Non-complying TN	Complying

• STPs complying to BOD Norms (<10mg/l) in West Bengal (December, 2023 to March, 2024) w.r.t. NGT and MoEF norms

S.No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	BOD (≤10 mg/l)
1	Bandipur, 14MLD	Bandipur	14.1	5
2	Bhadreshwar	Bhadreshwar	7.6	8
3	Gayeshpur	Kanchrapara	8.33	3
4	Halisahar, 16 MLD	Halishar	16	10
5	Chandannagar (OP)	Chandannagar	4.54	9
6	Chandannagar (TF)	Chandannagar	18.6	9
7	Jaggadal – Bhatpara	Bhatpara	31	1
8	Barrackpore, Lat Bagan	Barrackpore	6	2
9	Barrackpore, Anandapuri	Barrackpore	18	2
10	Shyamnagar STP	Kolkata	10	3
11	Budge Budge	Budge-Budge	9.3	5
12	Kachrapara	Kanchrapara	18	4

• STPs complying to BOD Norms (11-30mg/l) in West Bengal (December, 2023 to March, 2024) 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 (OP)	Titagarh	4.54	20
2	Bansberia	Bansberia	0.3	12
3	Garulia	Garulia	4.1	25
4	Baidyabati	Baidyabati	6	12
5	Konnagar (Rishra)	Konnagar	22	20
6	Naihati	Naihati	11.56	16
7	Naihati-2 (Near Ramghat)	Naihati	6.5	22
8	Kankinara	Bhatpara	10	11
9	Garden Reach	Kolkata	57.5	29

S. No.	Name of STPs/CETPs	Ganga Front Town	Designed Capacity (MLD)	BOD (11 mg/l to 30 mg/l)
10	Baghajatin	Baghajatin	15	17
11	Kalyani Town area	Kalyani	10	30

- STPs non-complying to BOD (≥ 30 mg/l) in West Bengal (December, 2023 to March, 2024) w.r.t. NGT norms

S. No.	Name of STPs/CETPs	Ganga Front Town	Designed Capacity (MLD)	BOD (≥ 30 mg/l)
1	Titagarh (ASP)	Titagarh	4.54	36
2	Panihati STP	Panihati	12	32
3	Jagaddal, Bhatpara	Bhatpara	9.5	36
4	Hatisur	Kolkata	10	38
5	Nabadwip (9.5 MLD) ASP	Nabadwip	9.5	38
6	Kalyani Block-B2,B3	Kalyani	11	36

- STPs complying to COD (≤ 50 mg/l) in West Bengal (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	Bandipur,	Bandipur	14.1	40
2	Baidyabati	Baidyabati	6	44
3	Gayeshpur	Kanchrapara	8.33	20
4	Halisahar	Halishar	16	28
5	Chandannagar STP (OP)	Chandannagar	4.54	36
6	Chandannagar STP (TF)	Chandannagar	18.6	36
7	Jaggadal – Bhatpara	Bhatpara	31	24
8	Kankinara	Bhatpara	10	44
9	Barrackpore, Lat Bagan	Barrackpore	6	25
10	Barrackpore, Anandapuri	Barrackpore	18	46
11	Shyamnagar STP	Kolkata	10	40
12	Budge Budge	Budge-Budge	9.3	30
13	Kachrapara	Kanchrapara	18	48

- STPs non-complying to COD (≥ 50 mg/l) in West Bengal (December, 2023 to March, 2024) 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	4.54	157
2	Titagarh (OP)	Titagarh	4.54	125
3	Bansberia	Bansberia	0.3	60
4	Garulia	Garulia	4.1	68
5	Bhadreshwar	Bhadreshwar	7.6	68
6	Panihati	Panihati	12	80
7	Konnagar (Rishra)	Konnagar	22	80
8	Naihati STP	Naihati	11.56	81
9	Naihati-2 (Near Ramghat)	Naihati	6.5	89
10	Jagaddal, Bhatpara	Bhatpara	9.5	67
11	Garden Reach	Kolkata	57.5	57
12	Baghajatin	Baghajatin	15	56
13	Hatisur	Kolkata	10	66
14	Nabadwip (9.5 MLD) ASP	Nabadwip	9.5	103
15	Kalyani Block-B2,B3	Kalyani	11	133

S. No.	Name of STPs/CETPs	Ganga Front Town	Designed Capacity (MLD)	COD (≥ 50 mg/l)
16	Kalyani Town area	Kalyani	10	118

- STPs complying to TSS (≤ 20 mg/l) in West Bengal (December, 2023 to March, 2024) w.r.t. NGT and MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (≤ 20 mg/l)
1	Bandipur	Bandipur	14.1	4
2	Bhadreshwar STP	Bhadreshwar	7.6	8
3	Gayeshpur	Kanchrapara	8.33	7
4	Halisahar	Halishar	16	9
5	Naihati-2 (Near Ramghat)	Naihati	6.5	13
6	Jaggadal – Bhatpara	Bhatpara	31	18
7	Shyamnagar STP	Kolkata	10	7
8	Baghajatin, 15MLD	Baghajatin	15	14
9	Budge Budge STP, 9.33MLD	Budge-Budge	9.3	14
10	Kachrapara	Kanchrapara	18	12

- STPs complying to TSS (21 mg/l - 100 mg/l) in West Bengal (December, 2023 to March, 2024) 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 (OP)	Titagarh	4.54	45
2	Bansberia STP	Bansberia	0.3	30
3	Garulia STP	Garulia	4.1	22
4	Baidyabati STP	Baidyabati	6	38
5	Panihati STP	Panihati	12	44
6	Konnagar (Rishra)	Konnagar	22	30
7	Naihati STP	Naihati	11.56	66
8	Chandannagar STP (OP)	Chandannagar	4.54	27
9	Chandannagar STP (TF)	Chandannagar	18.6	27
10	Jagaddal, Bhatpara	Bhatpara	9.5	38
11	Barrackpore STP (6 MLD) , Lat Bagan	Barrackpore	6	22
12	Barrackpore STP (18 MLD) , Anandapuri	Barrackpore	18	26
13	Garden Reach STP	Kolkata	57.5	30
14	Hatisur	Kolkata	10	24
15	Nabadwip (9.5 MLD) ASP	Nabadwip	9.5	49
16	Kalyani Block-B2,B3	Kalyani	11	78
17	Kalyani Town area	Kalyani	10	29

- STPs non-complying to TSS (≥ 100 mg/l) in West Bengal (December, 2023 to March, 2024) w.r.t. MoEF norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (≥ 100 mg/l)
1	Titagarh (ASP)	Titagarh	4.54	112
2	Kankinara STP	Bhatpara	10	103

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

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (≤ 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	78
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	110
9	Nabadwip (9.5 MLD) ASP	Nabadwip	9.5	<1.8
10	Kalyani Block-B2,B3	Kalyani	11	78
11	Kachrapara	Kanchrapara	18	<1.8

- STPs non-complying to FC (230 to ≤ 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 (≥ 1000 MPN/100 ml)
1	Baidyabati STP	Baidyabati	6	450
2	Naihati STP	Naihati	11.56	790

- STPs non-complying to FC (≥ 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 (≥ 1000 MPN/100 ml)
1	Titagarh (ASP)	Titagarh	4.54	2.8×10^3
2	Titagarh (OP)	Titagarh	4.54	4.9×10^4
3	Bandipur, 14MLD	Bandipur	14.1	7000
4	Garulia STP	Garulia	4.1	14000
5	Bhadreshwar STP	Bhadreshwar	7.6	790000
6	Panihati STP	Panihati	12	7×10^3
7	Konnagar (Rishra)	Konnagar	22	4900
8	Naihati-2 (Near Ramghat)	Naihati	6.5	4900
9	Chandannagar STP (OP)	Chandannagar	4.54	5400
10	Chandannagar STP (TF)	Chandannagar	18.6	5400
11	Jagaddal, Bhatpara	Bhatpara	9.5	17000
12	Kankinara STP	Bhatpara	10	33×10^2
13	Garden Reach STP	Kolkata	57.5	46000
14	Baghajatin, 15MLD	Baghajatin	15	170000
15	Hatisur	Kolkata	10	2.4×10^5
16	Kalyani Town area	Kalyani	10	11×10^2

- 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	Naihati STP	Naihati	11.56	Chlorination
5	Chandannagar STP (OP)	Chandannagar	4.54	Chlorination
6	Chandannagar STP (TF)	Chandannagar	18.6	Chlorination

S.No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	Disinfection Technology
7	Jaggadal – Bhatpara	Bhatpara	31	Chlorination
8	Barrackpore STP (6 MLD) , Lat Bagan	Barrackpore	6	Chlorination
9	Barrackpore STP (18 MLD) , Anandapuri	Barrackpore	18	Chlorination
10	Cossipore, Chitpur, Bangur	Kolkata	52	Chlorination
11	Shyamnagar STP	Kolkata	10	Chlorination
12	Budge Budge STP, 9.33MLD	Budge-Budge	9.3	Chlorination
13	Nabadwip (9.5 MLD) ASP	Nabadwip	9.5	Chlorination
14	Kalyani Block-B2,B3	Kalyani	11	Chlorination
15	Kalyani Town area	Kalyani	10	Chlorination
16	Kachrapara	Kanchrapara	18	Chlorination

- Performance Analysis of STPs

S.No.	Technology (No.)	Range of BOD removal efficiency (%age)				Total	Overall complying		Overall Non-complying		Non-complying for more than one parameters with FC 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)	2		1	2	5	1	5	4	0	2/0	0/0	-
2	ASP (9)	2	2	1		5	0	0	5	5	5/4	3/4	4
3	WSP/OP/ALC T/AL (23)	5	3	6	1	15	0	3	15	12	13/13	3/12	8
4	FBAS (2)	-	-	1	1	2	1	2	1	0	0/0	0/0	-
5	TF (3)	1	-	1		2	0	0	2	2	2/1	1/1	1
	Total	10	5	10	4	29	2	10	27	19	22/18	7/17	13

- 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	Bandipur, 14MLD	Bandipur	WSP	14.1	24
2	Garulia STP	Garulia	WSP	4.1	31
3	Baidyabati STP	Baidyabati	AL	6	38
4	Panihati STP	Panihati	WSP	12	32
5	Halisahar, 16 MLD	Halishar	SBR	16	14
6	Konnagar (Rishra)	Konnagar	WSP	22	28
7	Chandannagar STP (OP)	Chandannagar	WSP	4.54	10
8	Chandannagar STP (TF)	Chandannagar	TF	18.6	10
9	Kankinara STP	Bhatpara	WSP	10	10
10	Barrackpore STP (6 MLD)	Barrackpore	SBR	6	8
11	Barrackpore STP (18 MLD)	Barrackpore	SBR	18	36
12	Garden Reach STP	Kolkata	ASP	57.5	7

13	Shyamnagar STP	Kolkata	FBAS	10	18
14	Budge Budge STP,	Budge-Budge	SBR	9.3	5
15	Kachrapara	Kanchrapara	Aerated Lagoon	18	13

• **STPs operating at over-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	Bansberia STP	Bansberia	WSP	0.3	0.4	Non-complying BOD, COD, TSS	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	0.4	Non-complying	Non-complying
2	Garulia STP	Garulia	WSP	4.1	3	Non-complying	Non-complying
3	Bhadreshwar STP	Bhadreshwar	AL	7.6	3.5	Non-complying	Non-complying
4	Panihati STP	Panihati	WSP	12	7.1	Non-complying	Non-complying
5	Gayeshpur	Kanchrapara	SBR	8.33	3.6	Non-complying	Complying
6	Halisahar, 16 MLD	Halishar	SBR	16	4.82	Complying	Complying
7	Konnagar (Rishra)	Konnagar	WSP	22	6	Non-complying	Non-complying
8	Naihati STP	Naihati	ASP	11.56	8.09	Non-complying	Non-complying
9	Naihati-2 (Near Ramghat)	Naihati	WSP	6.5	4.55	Non-complying	Non-complying
10	Chandannagar STP (OP)	Chandannagar	WSP	4.54	2	Non-complying	Non-complying
11	Chandannagar STP (TF)	Chandannagar	TF	18.6	8	Non-complying	Non-complying
12	Jaggadal – Bhatpara	Bhatpara	FBBAS	31	15	Non-complying	Complying
13	Jagaddal, Bhatpara	Bhatpara	ASP	9.5	1.6	Non-complying	Non-complying
14	Kankinara STP	Bhatpara	WSP	10	6	Non-complying	Non-complying
15	Barrackpore STP Lat Bagan	Barrackpore	SBR	6	2.58	Non-complying	Complying
16	Barrackpore STP Anandapuri	Barrackpore	SBR	18	6.52	Non-complying	Complying
17	Shyamnagar STP	Kolkata	FBAS	10	1.87	Complying	Complying
18	Baghajatin, 15MLD	Baghajatin	WSP	15	10.5	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 30.4.2019	Compliance (MoEF & CC Norms)
19	Hatisur	Kolkata	ALCT	10	1.5	Non-complying	Non-complying
20	Budge Budge	Budge-Budge	SBR	9.3	5.14	Non-complying	Complying
21	Nabadwip	Nabadwip	ASP	9.5	4.3	Non-complying	Non-complying
22	Kachrapara	Kanchrapara	Aerated Lagoon	18	6.48	Non-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.