

**Status of Sewage Treatment Plants in Bihar (July-September, 2022)**

- Commissioned STPs – 7 (2 town) with designed capacity – 283.5 MLD
- Operational STPs – 4 (Operational capacity –200 MLD) with utilized capacity – 62.8 MLD (~ 31.4 % 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	1	4
Non-complying	3	0

- Non-operational STPs – 03 (Designed capacity –83.5 MLD)
- STPs complying for Faecal Coliform norms (<230 MPN/100ml) – 4
- STPs non-complying for Faecal Coliform norms (>230 MPN/100ml) – 0

**Operational and Compliance status of Sewage Treatment Plants in Bihar**

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 w.r.t MoEF&CC norms dated 13.10.2017
1	Beur Old, Patna	Patna	ASP	35	15.02.2022	Non-operational	-	-
2	Beur New, Patna	Patna	SBR	43	23.08.2022	Operational	Non-complying TN	Complying
3	Karmali Chak	Patna	SBR	37	23.08.2022	Operational	Non-complying T.N	Complying
4	Pahari (New) STP, 60MLD	Patna	SBR	60	12.08.2022	Operational	Non-complying TN	Complying
5	Saidpur (60 MLD) STP	Patna	SBR	60	12.08.2022	Operational	Complying	Complying
6	Saidpur (Old) 45 MLD STP	Patna	ASP	45	12.08.2022	Non-operational	-	-
7	Sonepur STP, 3.5MLD,	Sonepur	SBR	3.5	09.08.2022	Non-operational	-	-

• STPs complying to BOD Norms ( $\leq 10\text{mg/l}$ ) in Bihar (July-September,2022) w.r.t. NGT and MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	BOD ( $\leq 10\text{ mg/l}$ )
1	Beur New, Patna	Patna	43	5
2	Karmali Chak	Patna	37	4
3	Pahari (New) STP, 60MLD	Patna	60	4
4	Saidpur (60 MLD) STP	Patna	60	3

• STPs complying to COD ( $\leq 50\text{ mg/l}$ ) in Bihar (July-September,2022) w.r.t. NGT Norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	COD ( $\leq 50\text{ mg/l}$ )
1	Beur New, Patna	Patna	43	32
2	Karmali Chak	Patna	37	28
3	Pahari (New) STP, 60MLD	Patna	60	16
4	Saidpur (60 MLD) STP	Patna	60	12

• STPs complying to TSS ( $\leq 20\text{ mg/l}$ ) in Bihar (July-September,2022) w.r.t. NGT and MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS ( $\leq 20\text{ mg/l}$ )
1	Beur New, Patna	Patna	43	20
2	Karmali Chak	Patna	37	12
3	Pahari (New) STP, 60MLD	Patna	60	6
4	Saidpur (60 MLD) STP	Patna	60	6

• STPs complying to FC ( $\leq 230\text{ MPN/100 ml}$ ) in Bihar (July-September,2022) w.r.t. NGT and MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC ( $\leq 230\text{ MPN/100 ml}$ )
1	Beur New, Patna	Patna	43	<1.8
2	Karmali Chak	Patna	37	<1.8
3	Pahari (New) STP, 60MLD	Patna	60	ND
4	Saidpur (60 MLD) STP	Patna	60	ND

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.