

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

- Commissioned STPs -3 (2 town) with designed capacity – 15.5 MLD
- Operational STPs –3 (operational capacity –15.5 MLD) with Utilized capacity– 7.2 MLD (~46.4% 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	3
Non-complying	2	0

- STPs complying for Faecal Coliform norms (<230 MPN/100ml) – 2
- STPs non-complying for Faecal Coliform norms (>230 MPN/100ml) – 1

Operational and Compliance status of Sewage Treatment Plants in Jharkhand

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&CC norms dated 13.10.2017
1.	Rajmahal (3.5 MLD)	Rajmahal	SBR	3.5	24.08.2022	Operational	Non-complying T.N, FC	Complying
2.	Talbanna	Sahebganj	SBR	5	24.08.2022	Operational	Non-complying T. N.	Complying
3.	Channan, Kabutar Khopi	Sahebganj	SBR	7	24.08.2022	Operational	Complying	Complying

- STPs complying to BOD Norms (≤ 10 mg/l) in Jharkhand (July-Sep, 2022) w.r.t. NGT and MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	BOD (≤ 10 mg/l)
1.	Rajmahal (3.5 MLD)	Rajmahal	3.5	6
2.	Talbanna	Sahebganj	5	9
3.	Channan, Kabutar Khopi	Sahebganj	7	5

- STPs complying to COD (≤ 50 mg/l) in Jharkhand (July-Sep, 2022) w.r.t. NGT Norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	COD (≤ 50 mg/l)
1.	Rajmahal (3.5 MLD)	Rajmahal	3.5	24
2.	Talbanna	Sahebganj	5	36
3.	Channan, Kabutar Khopi	Sahebganj	7	16

- STPs complying to TSS (≤ 20 mg/l) in Jharkhand (July-Sep, 2022) w.r.t. NGT and MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	TSS (≤ 20 mg/l)
1.	Rajmahal (3.5 MLD)	Rajmahal	3.5	16
2.	Talbanna	Sahebganj	5	17
3.	Channan, Kabutar Khopi	Sahebganj	7	17

• STPs complying to FC (≤ 230 MPN/100 ml) in Jharkhand (July-Sep, 2022) w.r.t. NGT and MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (≤ 230 MPN/100 ml)
1	Talbanna	Sahebganj	5	5
2	Channan, Kabutar Khopi	Sahebganj	7	7

• STPs non-complying to FC (230-1000 MPN/100 ml) in Jharkhand (July-Sep, 2022) MoEF&CC norms

S. No.	Name of STPs	Ganga Front Town	Designed Capacity (MLD)	FC (230-1000 MPN/100 ml)
1	Rajmahal (3.5 MLD)	Rajmahal	3.5	330

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.