

GOVERNMENT OF INDIA

MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

RAJYA SABHA

UNSTARRED QUESTION NO. 2021

ANSWERED ON 07.08.2023

POLLUTION IN RIVER GANGA

2021. SHRI SANDEEP KUMAR PATHAK

Will the Minister of **JAL SHAKTI** be pleased to state:

- (a) whether the river Ganga has been cleaned fully;
- (b) if not, the target and achievement of Government regarding this, so far, and the details of total money spent on its cleaning since 2014;
- (c) the list of cities/towns of the country discharging their treated sewage water and list of cities releasing untreated sewage water in river Ganga;
- (d) number of factories releasing treated industrial waste and the quantity of untreated wastes in river Ganga, State-wise and district-wise lists; and
- (e) the list of factories that have been closed as punishment for polluting river Ganga since 2014?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) & (b) Under the Namami Gange Programme, Central Pollution Control Board (CPCB) is carrying out manual water quality monitoring of the River Ganga at 97 locations in 5 main stem States through the respective State Pollution Control Boards (SPCBs) on fortnightly basis. River water quality is assessed for primary water quality criteria notified for outdoor bathing.

The stretch of river Ganga from Gangotri (Uttarakhand) till Farrukhabad in Uttar Pradesh is meeting the bathing water quality criteria. The water quality in the entire stretch of Uttarakhand is even better in terms of DO (> 6 mg/l) and BOD level (<2 mg/l).

Based on the water quality assessment by CPCB in 5 Ganga main stem states in 2022, the observed water quality indicates that median value of Dissolved Oxygen which is an indicator of river health has been found to be within acceptable limits of notified primary bathing water quality criteria and satisfactory to support the ecosystem of river for almost entire stretch of river Ganga. The median value of Biochemical Oxygen Demand (BOD) has been found within the acceptable limits except marginal exceedance (BOD: 3.3 to 4.6 mg/L) in locations/stretches viz. stretch from (i) Kannauj U/s to Kala Kankar, Pratapgarh & D/s Mirzapur to Tarighat, Ghazipur (except U/s Varanasi, Vishwa Sundari Bridge) in Uttar Pradesh and (ii) at Shitalatala, Palta in West Bengal.

Further, as a result of multi sectoral interventions as per comparison of median data of water quality parameter viz. Dissolved Oxygen (DO), Biochemical Oxygen Demand (BOD) and Faecal Coliforms (FC) of year 2014 and 2022, DO median has improved at 32 locations, BOD median has improved at 41 locations and FC median has improved at 27 locations respectively.

Cleaning of river is a continuous process and Government of India is supplementing the efforts of the State Governments in addressing the challenges of pollution in river Ganga and its tributaries by providing financial and technical assistance under Namami Gange Programme. Under this programme, a comprehensive set of interventions such as wastewater treatment, solid waste management, river front management (ghats and crematoria development), e-flow, afforestation, biodiversity conservation and Public Participation etc. have been taken up for rejuvenation of river Ganga and its tributaries.

Namami Gange Programme was launched in June 2014 for a period up to 31st March, 2021 to rejuvenate River Ganga and its tributaries. The programme was subsequently extended up to 31st March, 2026. A total of Rs.22,024.86 crore were provided for the programme in the Budgets for FY 2014-15 to 2023-24 (BE), out of which Rs.15,517.02 crore were released to the National Mission for Clean Ganga (NMCG) from Financial Year 2014-15 till 30 June 2023. NMCG released/disbursed Rs.14,858.16 crore under the programme during the said period.

(c) CPCB has estimated sewage generation of 3558 MLD from the 110 Ganga front towns in 5 Ganga main stem states (Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal). With the interventions taken up under Namami Gange programme, at present the total treatment capacity along the towns located along main stem of river Ganga increased to 2570 MLD. In addition, approximately 910 MLD sewage is treated through East Kolkata Wetland. Apart from the above, projects for developing 1105 MLD STP capacity in the towns along river Ganga main stem have been taken up which are at different stages of implementation.

A list of cities/towns indicating sewage treatment facility is annexed **at Annexure**.

(d) & (e) Under Namami Gange programme, annual inspection of the Grossly Polluting Industries (GPIs) having potential to discharge effluent having 100 kg/day BOD load and/or toxic effluent are carried out through technical institutes like IITs, NITs, NEERI etc. jointly with concerned State Pollution Control Boards (SPCBs) in five Ganga main stem states of Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal since 2017.

In year 2021-22, inspection of 1051 GPIs located in river Ganga main stem states of Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal were carried out through technical institutes jointly with concerned State Pollution Control Boards. The quantity of treated effluent discharge by 1051 GPIs was estimated as 266.85 MLD. The State-wise and District wise list of GPIs in 2021-22 is available at NMCG website and the link to access the document is as under:

https://nmcg.nic.in/MiscellaneousDocuments/List_of_1051_industries_located_in_river_Ganga_States_in_2021_22.pdf

Actions on non-compliant GPIs are taken by concerned SPCBs. Closure of 358 non-compliant GPIs in 2017, 325 in 2018, 131 in 2019, 187 in 2020 and 178 in 2021-22 were ensured through District administration. The list of non-compliant GPIs that have been closed from 2017 to 2021 is available at NMCG website and the link to access the document is as under:

https://nmcg.nic.in/MiscellaneousDocuments/List_of_non_compliant_industries_which_were_closed_during_2017_to_2021.pdf

ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2021 TO BE ANSWERED IN RAJYA SABHA ON 07.08.2023 REGARDING “POLLUTION IN RIVER GANGA”.

List of Cities/Towns indicating sewage treatment facility

UTTARAKHAND						
	District		Town / Municipality	STP Existing	STP under construction	No STP
1	Uttarkashi	1	Gangotri	✓		
		2	Uttarkashi	✓		
2	Chamoli	3	Badrinath	✓		
		4	Joshimath	✓		
		5	Gopeshwar	✓		
		6	Nandprayag	✓		
		7	Karnprayag	✓		
		8	Gauchar			✓
3	Rudraprayag	9	Rudraprayag	✓	✓	
4	TehriGarhwal	10	Kirtinagar	✓		
		11	Tapovan (tehri)	✓		
		12	Devprayag	✓		
		13	Muni Ki Reti	✓	✓	
5	PauriGarwal	14	Srinagar	✓		
6	Dehradun	15	Rishikesh	✓		
7	Haridwar	16	Haridwar	✓		
UTTAR PRADESH						
8	Bijnor	17	Bijnor	✓		
9	Meerut	18	Hastinapur			✓
10	Hapur	19	Garhmukteshwar	✓		
11	Bulandshahr	20	Narora	✓		
		21	Anupshahr	✓		
		22	Babrara			✓
12	Farrukhabad	23	Farrukhabad - Fatehgarh	✓	✓	
13	Kannauj	24	Kannauj	✓		
14	Kanpur	25	Kanpur	✓	✓	
		26	Bithoor	✓		
15	Unnao	27	Unnao	✓		
		28	Shuklaganj		✓	
16	Prayagraj	29	Prayagraj	✓	✓	
		30	Jhusi			
17	Mirzapur	31	Mirzapur	✓	✓	
		32	Vindhyachal	✓		
		33	Chunar	✓		
18	Varanasi	34	Varanasi	✓	✓	
		35	Ramnagar	✓		
19	Ghazipur	36	Ghazipur		✓	
20	Ballia	37	Ballia		✓	
BIHAR						
21	Buxar	38	Buxar		✓	
22	Chapra	39	Chapra	✓		
23	Patna	40	Patna	✓	✓	
		41	Fatuah		✓	

		42	Bakhtiyarpur		✓	
		43	Barh	✓		
		44	Mokameh	✓		
		45	Danapur		✓	
		46	Maner		✓	
24	Saran	47	Sonepur	✓		
25	Begusarai	48	Begusarai		✓	
		49	Barauni			✓
26	Lakhisarai	50	Lakhisarai		✓	
		51	Barahaiya		✓	
27	Muger	52	Muger		✓	
		53	Jamalpur			✓
28	Bhagalpur	54	Bhagalpur		✓	
		55	Sultanganj	✓		
		56	Kahalgaon		✓	
JHARKHAND						
29	Sahibganj	57	Sahibganj	✓		
		58	Rajmahal	✓		
WEST BENGAL						
30	Murshidabad	59	Murshidabad	✓	✓	
		60	Dhulian			
		61	Jangipur		✓	
		62	Jiaganj - Azimganj	✓		
		63	Bahrapore	✓	✓	
31	East Bardhman	64	Katwa	✓		
32	Nadia	65	Nabadwip	✓		
		66	Santipur			✓
		67	Chakdah		✓	
		68	Kalyani	✓		
		69	Gayeshpur	✓		
33	Hoogly	70	Bansberia	✓		
		71	HooglyChinsurah		✓	
		72	Chandan Nagar	✓		
		73	Bhadreshwar	✓		
		74	Champadani	✓		
		75	Baidyabati	✓		
		76	Serampore	✓		
		77	Rishra			✓
		78	Konnagar	✓		
		79	UttarparaKotrung	✓		
34	North 24 Pargana	80	Halishahar	✓	✓	
		81	Kanchrapara	✓		
		82	Naihati	✓		
		83	Bhatpara	✓		
		84	Garulia	✓		
		85	Barrackpore	✓	✓	
		86	Titagarh	✓		
		87	Khardah	✓		
		88	Panihati	✓		
		89	Kamarhati	✓		
		90	Baranagar		✓	

35	Howrah	91	Howrah	✓	✓	
		92	Bally		✓	
36	Kolkata	93	Kolkata	✓	✓	
37	South 24 pargana	94	Maheshtala	✓	✓	
		95	Buudge Budge	✓		
		96	Diamond Harbour	✓		
38	East Medinipur	97	Haldia			✓
