

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

LOK SABHA

UNSTARRED QUESTION NO. 2381

ANSWERED ON 13.03.2025

POLLUTION IN HINDON, KRISHNA AND PAONDHOI RIVERS

†2381. SHRI IMRAN MASOOD

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

- (a) whether the Government has any plan to prevent pollution in Hindon, Krishna and Paondhoi rivers flowing through Saharanpur Lok Sabha Constituency and if so, the details thereof;
- (b) whether the Government is aware of the fact that hundreds of people have lost their lives during the last few years due to diseases such as cancer, respiratory issues, diarrhea, bone diseases and skin ailments caused by contaminated underground water in the villages situated on the banks of Hindon and Krishna rivers and if so, the details thereof;
- (c) the details of the content of arsenic and fluoride found in the underground water of the villages situated on the banks of the respective rivers as compared to the unarmful approved amount;
- (d) the details of Chemical Oxygen Demand (COD) levels of the Hindon, Krishna and Paondhoi rivers as compared to the unarmful approved amount; and
- (e) whether the Government has any plan to install arsenic removal plants in the polluted areas and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY)

(a) Yes. The Government of India has been supplementing efforts of the States/UTs by providing financial and technical assistance for abatement of pollution in rivers/tributaries in Ganga basin through the Central Sector Scheme of Namami Gange Program. A comprehensive pollution abatement project for 135 million litres per day (MLD) sewage treatment plant (STP) in Saharanpur has been sanctioned under ‘Namami Gange Program’ to abate the pollution of the referred rivers. To prevent pollution in Hindon and its tributaries, the Central Pollution Control Board (CPCB) in coordination with the Central Government and State Government has prepared a plan namely *“Pollution Source Mapping of River Hindon & its Tributaries and Restoration Plan for Polluted Stretches”*. The plan is available on the CPCB website: <https://cpcb.nic.in/openpdffile.php?id=UHVibGljYXRpb25GaWxlLzk5NF8xNzI5NjgyMDExX1BvbGx1dGlubiBTb3VyY2UgTWFwcGluZyBvZiBSaXZlciBlaW5kb24ucGRm>.

Progress of implementation of action plans is reviewed by the River Rejuvenation Committee (RRC) at State Level and Central Monitoring Committee (CMC) constituted under the Chairmanship of Secretary, Ministry of Jal Shakti at Central Level.

(b) No. No such information has been received from Uttar Pradesh Government linking loss of lives due to contamination of the underground water through such diseases like cancer, respiratory issues, diarrhoea, bone diseases, and skin ailments. As per the information received from Department of Health, Uttar Pradesh regular health check-ups are conducted in Hindon River Basin.

(c) & (e) Water quality data of groundwater related to Arsenic and Fluoride from eight locations in the districts of Uttar Pradesh falling in Hindon River basin is provided in **Annexure** that indicates that all the locations water quality is within the acceptable limits as per the **BIS Drinking Water-Specification (IS 10500:2012)**. As informed by Uttar Pradesh Jal Nigam, Rural there is no plan to install arsenic removal plant in Jal Jeevan Mission.

(d) As per the Central Pollution Control Board norms following primary water quality criteria for bathing water has been prescribed for monitoring of river health:

- i. Dissolved Oxygen: 5 mg/l or more;
- ii. Biological Oxygen Demand (BOD): 3 mg/l or less;
- iii. pH between 6.5 to 8.5;
- iv. Faecal Coliform: 500MPN/100 ml (desirable), 2500 MPN/100 ml (maximum permissible);
- v. Faecal Streptococci: 100MPN/100 ml (desirable), 500 MPN/100 ml (maximum permissible).

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (c) & (e) OF UNSTARRED QUESTION NO. 2381 TO BE ANSWERED IN LOK SABHA ON 13.03.2025 REGARDING “POLLUTION IN HINDON, KRISHNA AND PAONDHOI RIVERS”.

Groundwater Quality Data related to Arsenic and Fluoride from eight locations in the districts of Uttar Pradesh falling in Hindon River basin

S.No	Monitoring Location	Fluoride (mg/L)		Arsenic (mg/L)	
		Min	Max	Min	Max
BIS Drinking Water-Specification (IS 10500:2012) (Acceptable Limit)		1.0 mg/L		0.01 mg/L	
1.	TUBE WELL AT MEERUT CITY, U.P	0.2 (BDL)	0.3	NA	NA
2.	TUBE WELL AT BAGPAT CITY, U.P	0.2 (BDL)	0.2 (BDL)	NA	NA
3.	SAHIBABAD INDUSTRIAL AREA, GHAZIABAD, U.P	0.2 (BDL)	0.2 (BDL)	NA	NA
4.	MEERUT ROAD INDUSTRIAL AREA GHAZIABAD, U.P	0.2 (BDL)	0.2 (BDL)	NA	NA
5.	HAPUR ROAD INDUSTRIAL AREA GHAZIABAD, U.P	0.2 (BDL)	0.2 (BDL)	NA	NA
6.	PILKHUA INDUSTRIAL AREA GHAZIABAD, U.P	0.2 (BDL)	0.2 (BDL)	NA	NA
7.	VILLAGE DAURALA, MEERUT	0.4	0.5	NA	NA
8.	KHEKRA, BAGHPAT	0.2 (BDL)	0.2 (BDL)	NA	NA

* BDL (Below Detection Limit)
