

**BEFORE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI**

Original Application No. 985/2019
(IA No 568/2024)

In Re: Water Pollution by Tanneries at Jajmau Kanpur Uttar Pradesh

Versus

Central Pollution Control Board & Ors.

Respondent(s)

WITH

Original Application No. 986/2019

In Re : Water Pollution at Rania Kanpur Dehat & Rakhi Mandi Kanpur
Nagar Uttar Pradesh

WITH

Original Application No. 528/2023

News report published in Dainik Jagran dated 14.08.2023 "highlights a
growing concern regarding industrial pollution in the Godhraul village"

WITH

Original Application No. 934/2024

Rajat Verma

Applicant

Versus

Member Secretary, Uttar Pradesh
Pollution Control Board& Ors.

Respondent(s)

Date of hearing: 07.11.2025

**CORAM: HON'BLE MR. JUSTICE PRAKASH SHRIVASTAVA, CHAIRPERSON
HON'BLE DR. AFROZ AHMAD, EXPERT MEMBER**

Applicant: Ms. Katyayni, Adv. (Amicus Curiae in OA Nos. 985-986 of 2019 & OA
934/2024)

Respondent: Dr. M. Srinivas, Director, AIIMS, New Delhi (Through VC)
Mr. Bhanwar Pal Singh Jadon, Mr. Shivansh Sharma, Ms. Gargi
Chaturvedi & Ms. Anjali Sharma, Advs. for the State of UP, Medical &
Welfare Department, UP, DM, Kanpur Dehat, DM, Kanpur Nagar & DM,
Fatehpur
Mr. Mukesh Kumar, Adv. for CPCB in OA Nos. 985-986 of 2019 & OA
528/2023
Mr. Vikrant Pachnanda, Adv. for CPCB in OA 934/2024
Mr. Pradeep Misra & Mr. Daleep Dhyani, Advs. for UPPCB (Through VC).
Mr. Gigi. C. George, Adv. for CGWA & NMCG

ORDER

1. Learned Amicus Curiae has submitted that originally the issue was confined to the Kanpur Nagar, Kanpur Dehat and Fatehpur, but in course of time when the reports are placed on record, it is found that the affected area is increasing. She has referred to the report of blood/serum sample collection details of Kanpur Nagar on page 4500 and has submitted that initially the focus was on Rakhi Mandi, Afeem Kothi and Juhi Bamburiya (Rakhi Mandi), but in the report on page 4500, the contamination has been found in Gangaganj Panki, Swaraj Nagar, Ratanpur Colony, Tejab Mill Campus, Bajpai Nagar, Maiku Purwa, Rooma, Kishanpur, etc. also. She has submitted that the exact area and number of persons affected with the heavy metals is required to be ascertained so that the concerted efforts can be focused for that area. She has further submitted that in this process, the food chain and the water source resulting in heavy metal uptake is required to be identified. She has submitted that 22 suggestions/ recommendations which were given by her and accepted by the State and recorded in the proceedings dated 01.07.2025 are either partially complied with or not complied with so far. Following were the recommendations/suggestions which were recorded in the proceedings dated 01.07.2025:

S. No	Recommendations
1.	RO – NF Water Plants: Clean Water for All Domestic Purposes at centralised and de- centralised installed RO- NF systems (Identify the usage of wells/handpumps/ borewells/ water source for animals and agriculture)
2.	Blood Sampling/ survey by Govt in the affected areas of Kanpur Nagar/ Dehat/ Fatehpur (Heavy Metal Analysis- Chromium, Mercury, Fluoride)
3.	Improve Govt. Hospital's infrastructure to include multi-speciality diagnostic facilities
4.	List of all Industries (Regardless of Category/ legal/ illegal/ in-house)- Kanpur Nagar, Kanpur Dehat, Fatehpur
5.	Boundary Wall and Cover for Existing Cr Dump/ Plume (Fatehpur & Kanpur Dehat)

6.	Soil, Sludge and Water Analysis of- Panki/ Shanigawa Landfill Site/ STP @ Pankha, Sajari
7.	Operate Existing STP (Resolving Non- Compliance Within 2 Months)
8.	Drain Action Plan- Untapped & Over Flowing tapped Drains (with name/ location of each sewage drain)
9.	Permanent Monitoring Plan for Existing STP/ CETP/CCRU/ Landfills/ TSDFs
10.	Construction and Installation of sewage system and STP in Kanpur dehat and Fatehpur
11.	Removal of Chromium, Mercury and Ash from the affected area
12.	Soil & Ground Water Remediation
13.	River Rejuvenation Plan (Senger/Noon/ Pandu Rivers)- Including Flood Plain Zoning, Rain water harvesting, watershed development, encroachment removal, Eco- flow
14.	Government Multi-Speciality Medical Aid Facility for victims of Heavy metal contamination (can be established in existing Govt Hospitals in all three districts)
15.	Induction Of Workforce in CPCB/ PCB
16.	Technical Infrastructure to State PCB/ SGWB
17.	Continuous supply of Electricity for STP/CETP/ Hospitals
18.	Bye- Laws for Preventing Environmental Pollution from Mercury (in lines of Minamata Convention)
19.	Find out the source of Chromium, Mercury, Fluoride, and Iron in the eco-system.
20.	Survey And Mapping of (new/old) Dump Sites (of chromium, mercury, ash) in Fatehpur and Kanpur Dehat, Kanpur Nagar
21.	Survey and Mapping of Groundwater Contamination in Fatehpur and Kanpur Dehat, Kanpur Nagar
22.	Survey of People/ Cattle/ Food Chain- To Check Degree of Contamination and create an effective Remediation Plan Against Bio- Accumulation of Heavy Metals.

2. Learned Amicus Curiae submits that out of these 22, suggestions/recommendation no. 3, 14, 15, 16 and 18 to 22 have not been complied with at all and there is partial compliance of other recommendations. She has also submitted that for spreading the awareness about contamination and treatment, the help of T.V., Radio and publication of the orders of the Tribunal in vernacular should be adopted and there should be proper medical facility with appropriate infrastructure with pathology labs in the entire area in each of the Districts. There should be rehabilitation centres (to provide clean air, water and food to the chromium & mercury affected patients) located away from the affected areas in order to dilute the high limits of contaminants in the blood and it

should be disclosed as to what treatment is provided to the residents having presence of heavy metals in their blood serum.

3. Counsel appearing for the State has referred to the affidavit of the District Magistrates of Kanpur Nagar, Kanpur Dehat and Fatehpur to show the action taken at the ground level. He has relied upon para 6 of the affidavit of the District Magistrate, Kanpur dated 06.11.2025 to show that the 22 km pipeline has been laid at zonal pumping station, Rajiv Gandhi Park to Shyam Palace, Juhi Bamburia and alongwith additional 132 meters of pipeline in JNNURM Scheme. He has further submitted that the camps have been organized and blood serum samples have been tested. The Affidavit dated 06.11.2025 filed by the Special Secretary, Medical Health and Family Welfare, Government of Uttar Pradesh discloses the results of blood sample analysis carried out from January, 2020 till October 2025 as under:

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<i>District</i>	<i>Patients Tested for Heavy Metals</i>	<i>Persons with Chromium Above Standard Level (0.05-1.4 µg/litre)</i>	<i>Persons with Mercury Above Standard Level (<20 µg/litre)</i>
<i>Kanpur Nagar</i>	<i>514</i>	<i>492</i>	<i>12</i>
<i>Kanpur Dehat</i>	<i>214</i>	<i>157</i>	<i>0</i>
<i>Fatehpur</i>	<i>171</i>	<i>147</i>	<i>4</i>

”

4. The above chart reflects that in high percentage of persons presence of Chromium above standard level has been detected and even persons with Mercury above standard level have been found.

5. In terms of the order of the Tribunal dated 07.10.2025, Dr. M. Srinivas, Director, AIIMS, New Delhi has appeared virtually and has suggested that the large-scale mapping of the area is required to be done in respect of water source, food chain, industrial effluent discharge, air quality and soil contamination to ascertain the root cause of the problem.

He has submitted that multi-sectoral approach is required to detect and remediate this problem and his further suggestion is that the CSR funds by the corporate sector under the Corporate Social Responsibility should also be utilized. He has further suggested that the IIT, Kanpur can be involved for carrying out the air, water and soil analysis of the area and the analysis of effluent discharge from the industries and GSVM College, Kanpur can do the cluster waste sample survey to ascertain the extent of the problem. He has also suggested that a database of the sample test results should be created so that the repeated sample of the same individual is not required to be taken and the arrangement of potable water should be made to those who are affected by heavy metals. He has submitted that if the comprehensive mapping is done, and the database is provided to the AIIMS then appropriate remedial measures can be suggested.

6. Learned Counsel for the State referring to the paragraphs no. 12 and 13 of the affidavit dated 06.11.2025 filed by the Special Secretary, Medical Health and Family Welfare, Government of U.P. has submitted that since the team from AIIMS has visited the respective districts and team visit was followed by the meeting, therefore, the SOP can be provided by the AIIMS. The Director, AIIMS appearing virtually can duly look into it and do the needful.

7. The State Authorities especially the Chief Secretary, Uttar Pradesh and Secretary, Health, Govt. of U.P. are directed to provide a timeline within two weeks in respect of the steps that will be taken by the State Authorities to complete the process of mapping the entire area and find out the affected villages/ULBs/districts. They will also disclose the approximate number of the affected persons, the medical facilities which are available at the District/ULB/Village level including the health centers, doctors, paramedical staff available in those health centres, the facilities

available in those health centres and the nearby labs and distance from that lab for carrying out the blood and other sample analysis. The mapping will include the food chain contamination, surface water and ground water contamination and air contamination analysis. The timeline will also be given for fully implementing the 22 recommendations which have been noted in the order dated 01.07.2025.

8. The virtual presence of the Director, AIIMS is exempted.

9. List on 25.11.2025.

Prakash Shrivastava, CP

Dr. Afroz Ahmad, EM

November 07, 2025
Original Application No. 985/2019
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and other connected matters
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