केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

Email/Speed Post

F. No.: B-19004/PIAS/WQM-II/CPCB/2019-20/ 3518 Dated: 27.06.2019 02/07

To,

The Chairman
Uttar Pradesh Pollution Control Board,
Building No. TC-12V, Vibhuthi Khand,
Gomti Nagar, Lucknow – 226 010

DIRECTIONS ISSUED UNDER SECTION 18 (1) (b) OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 FOR RESTORATION OF WATER QUALITY OF RIVER GANGA IN KANPUR AND UNNAO REGION

WHEREAS, the Central Board, has delegated powers vested under Section 18 (1) (b) of Water (Prevention & Control of Pollution) Act, 1974 to the Chairman, Central Pollution Control Board vide its resolution made on 133rd Board meeting item no. 3.12 dated 24th March, 2005 to issue direction under Section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 to State Board; and

WHEREAS, amongst others, under Section 17 of the Water (Prevention and Control of Pollution) Act, 1974, one of the function of the State Pollution Control Board (SPCB), constituted under the Water (Prevention & Control of Pollution) Act, 1974 is to plan a comprehensive programme for prevention, control or abatement of pollution of streams and wells located in the State and to secure the execution thereof; and

WHEREAS, amongst others, under section 16 of the Water (Prevention and Control of Pollution) Act, 1974, one of the functions of the Central Pollution Control Board (CPCB), constituted under Water (Prevention and Control of Pollution) Act, 1974 is to coordinate activities of the State Pollution Control Boards and Pollution Control Committees and to provide technical assistance and guidance to SPCBs / PCCs and to promote cleanliness of streams and wells in different areas of the States; and

WHEREAS, under Section 25 of Water (Prevention and Control of Pollution) Act, 1974 no person shall, without the previous consent of State Board establish or take step to establish any industry, operation, or process or any treatment or disposal system or an extension or addition thereto, which is likely to discharge sewage or trade effluent into a stream or well or sewer or on land; and

WHEREAS, Water Quality of river Ganga has been threatened due to disposal of untreated sewage and sullage from drains and small, micro and tiny industries operating without consent of SPCBs and discharging effluents which are mixed with drain effluents and reaching to Ganga directly or through its tributaries; and

WHEREAS, 24 drains are being monitored weekly since 19/03/2019 by joint inspection teams (CPCB & UPPCB) in Unnao (2) and Kanpur (22) regions; and

WHEREAS, based on weekly monitoring of drains, CPCB identified 14 drains where high colour, BOD, COD, Total Chromium and flow in tapped drains were observed and issued following directions dated 08/06/2019 to UPPCB under Sec 18 (1) (b) of Water Act, 1974 to:

1. To take immediate necessary action to effectively control all polluting sources contributing in identified drains.
2. To ensure that no industry disposes untreated effluent and any effluent not meeting prescribed standards into any drain so that river Ganga does not receive any coloured/ untreated effluent.
3. To ensure that no water discharging industrial unit which is non-compliant is functioning in the catchment of any drain.
4. To regularly monitor compliance of industrial units and grant consent-to-operate to industries having requisite effluent treatment facilities and complying with prescribed standards and ensure that no industrial unit operates without valid consent-to-operate and industries operating without valid consent should be closed down forthwith.
5. To setup surveillance squads for tanneries and ensure that no illegal tanning activities are being carried out.
6. To impose Environmental Compensation on illegal tanning activities and submit weekly surveillance and action taken reports to CPCB.
7. To direct concerned authorities to ensure proper functioning of pumping stations so that no wastewater is discharged through tapped drains.

WHEREAS, monitoring/survey of 14 identified drains was carried out by officials of CPCB during 28/05/2019-11/06/2019 and following observations are made:

1. **<u>Wazidpur Drain (Kanpur)</u>**
   - i. Wazidpur drain is an industrial drain. The drain is tapped and effluent is being pumped to 36 MLD CETP located at Jajmau, Kanpur. The drain carries sewage as well as effluent from tanneries located in Wazidpur area of Jajmau.
   - ii. On the day of visit, overflow from taping point at Wazidpur pumping station was observed which was finally joining to river Ganga. The colour in the drain is due to tannery effluent from the overflow at Wazidpur pumping station.
   - iii. The presence of high level of Chromium at inlet of CETP confirms the illegal operation of tanneries in Jajmau area as tanneries in Jajmau are closed. The source of colour is the discharge from these tannery operations.

2. **<u>Ratanpur Drain (Kanpur)</u>**
   - i. Ratanpur drain is an untapped drain and has its gradient towards river Pandu, which is a tributary of river Ganga.
   - ii. Four textile and dyeing units were found operating in the upstream of the weekly sampling point. Name of four units are as follows:
     a. M/s Gauri textile (weaving work), 908, Gangaganj, Kapili, Kanpur
     b. M/s S. R. Dyeing (weaving & dyeing), 908, Gangaganj, Kapili, Kanpur
     c. M/s A. S. textile (dyeing), Gangaganj, Kapili, Kanpur
     d. M/s Sanmat Dyeing (hosiery & dyeing), Gangaganj, Kapili, Kanpur
   - iii. None of the dyeing units have ETP to treat the effluent and are operating in residential area.

iv. Discharge of coloured effluent directly into Ratanpur drain from the backside of M/s A. S. textile was observed. Visiting team was not allowed to enter the premises of Unit.

v. Gates of M/s Sanmat Dyeing were found locked. However, a drain was traced coming out from the building towards Ratanpur drain and large quantity of coloured effluent was found logged at about 100 m from the unit's premise. Ratanpur drain is hardly 25 m from the logging point. A provision of kaccha drain is made near the logging point to discharge the untreated coloured effluent by puncturing the concrete wall of the Ratanpur drain.

vi. M/s S. R. Dyeing was found closed, however movement of people inside the unit was noticed and the doors were not opened for the visiting team.

vii. Colour in the drain is due to direct discharge of untreated effluent by these industry.

3. <u>City Jail Drain (Unnao)</u>

i. City Jail drain is an untapped drain and has gradient towards river Ganga.

ii. The drain was visited at several points and analysis results of sample collected from upstream and downstream of Magarwara/Banthar is tabulated below –

Sl. No.	Location	Parameter					Remarks
		pH	Colour	SS	BOD	COD	
1.	Ata	7.94	150	210	146	648	After Banthar
2.	Haibatpur/ Kantha	7.81	100	388	168	537	After Magarwara
3.	Akrampur	7.24	50	242	298	411	Before Magarwara near Jhilmil Steels

Colour in Hazen; SS, BOD & COD in mg/l

iii. The drain passes through industrial area of Magarwara and Banthar industrial area in Unnao. The nature of industries in Magarwara area are Tanneries (M/s Mirza International Ltd., M/s Rahman Industries Ltd. etc.), Textiles (M/s J S Fabrics, M/s Mahaveer Spin Fab, M/s Universal Yarn & Textile etc.) and one molasses based distillery (M/s Unnao Distillery).

iv. It is evident that, there is increase in colour when the drain passes through the Magarwara and Banthar industrial area and industries located in these areas may be responsible.

4. <u>ICICI Drain (Kanpur)</u>

i. This is a mixed drain and most part of this drain runs through industrial area.

ii. On the day of visit, visible difference in colour of wastewater in the drain was noticed between Navraiya Khera and confluence point of drain with R. Pandu.

iii. The source of colour in the drain was identified as many small industrial units in H-Block, Panki including one large unit M/s Kanpur Plastic.

5. <u>Ganda Drain (Kanpur)</u>

i. On the day of mapping visible difference in colour of wastewater in the drain was noticed between Vijay Nagar crossing and confluence point of drain with R. Pandu.

ii. The drain is passing through catchment area of M/s Ordanance Factory, Vijay Nagar and Dada Nagar industrial area.

iii. The colour in the drain is due to discharge of partial treated/ untreated effluent from the textile units operating in these area.

6. **Ranighat Drain (Kanpur)**
   i. Drain is open up to 500m approx. and then underground. Receiving waste water from Kohna and Ranibagicha residential areas (approx 1.5 km u/s). No industrial activity seen, while thrown dung and dead animal were seen in the drain. Blackish water seen on confluence with River Ganga.

7. **Panki Drain (Kanpur)**
   i. This drain receives domestic wastewater. Huge amount of solid waste was noticed in the drain.
   ii. It was observed that animals were domesticated in close vicinity and adjacent to the drain boundary. Fodder, dung and other animal related waste are reaching directly to the drain.

8. **Halwakhanda Drain (Kanpur)**
   i. This drain receives domestic wastewater. Huge amount of solid waste was noticed in the drain.
   ii. It was observed that animals were domesticated in close vicinity and adjacent to the drain boundary. Fodder, dung and other animal related waste are reaching directly to the drain.

9. **Bhagwatdas Ghat Drain (Kanpur)**
   i. Domestic drain, open up to Bhagwatdas Chauraha (near Jal Nigam pumping station) then after underground and opens in Gwaltoli area (approx 2 km. u/s).
   ii. **Dung deposition** in drain was prevalent at Gwaltoli area. Slight color change seen here. After Gwaltoli, drain was traced up to Mc-Robertsganj area (approx 4 km u/s).
   iii. Domestic drain receiving sewage and other waste water of nearby areas. No industrial activity seen. However, the visiting team was informed by local people that slaughtering activities are carried out in the area of Mc-Robertsganj.

10. **Muir Mill Drain (Kanpur)**
    This drain **is tapped and no flow** observed during visit.

11. **Permat Drain (Kanpur)**
    Underground and **tapped** drain with minimal seepage seen. No color seen.

12. **Dabka Nalla (Kanpur)**
    It's a **mixed drain** receiving sewage, industrial effluent and solid waste from nearby areas (Chabileypura area and Chawani area). Colour is seen blackish (approx.3.5 km. u/s). No color change seen here. No industrial activity or discharge seen during visit time although many tanneries are located in the Chabileypura area which were not operational during inspection.

13. **Sattichaura Drain (Kanpur)**
    Domestic drain receiving waste water and solid waste from nearby areas. Blackish water seen in Sattichaura area as compared to d/s. No industrial activity seen.

14. **Golaghat Drain (Kanpur)**

This drain is receiving sewage from nearby areas and full of solid waste materials. Change in colour of the drain to whitish colour was seen at New Basti area near Dhobighat (approx.400mtr u/s).

NOW, THEREFORE, in view of above observations and in exercise of the power conferred under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act 1974, you are here by directed to take appropriate measures for compliance of following points in a time bound manner with immediate effect:

1. To direct concerned authority to stop overflow of effluent in tapped drains and especially overflow from Wazidpur pumping station into Wazidpur drain.
2. To arrange physical verification, closure, sealing and power disconnection of illegal industrial units operating in catchment of drains namely Ratanpur drain to stop discharge of coloured and effluent into Ratanpur drain from illegal industrial operations.
3. To identify source of discharge of coloured/untreated effluent into City Jail drain from Magarwara/Banthar industrial area, into ICICI drain from Pakni industrial area, into Ganda drain from Vijay Nagar and Dada Nagar area and Dabka Nalla from Chabileypura and take action to stop discharge of coloured and untreated effluent .
4. UPPCB shall setup surveillance squads for tanneries and illegal industrial units and ensure that no illegal industrial activities are being carried out and submit weekly surveillance and action taken reports to CPCB.
5. UPPCB ensure that the drains/small tributaries should be neatly maintained and no filthy material/ garbage or any other solid waste should be disposed in these drains/ tributaries. UPPCB shall also take action if solid waste is dumped along drains or bank of river/tributaries.
6. UPPCB shall direct concerned authority for immediate removal of all dumped solid waste along the drains and to dispose it safely.
7. UPPCB along with District Administration and Municipal Corporations shall conduct surveys to identify following pollution sources and to take necessary action:
    a. To close industrial units operating without valid consent and adequate effluent treatment system in Kanpur and Unnao region.
    b. To identify source of solid waste dumped in to drains and take action if any industrial unit is disposing solid waste into drains or on its bank in Kanpur city.
    c. To stop disposal of animal dung/carcass and solid waste into drains namely Ranighat, Panki, Halwakhanda, Bhagwatdas and Golaghat.
    d. To stop illegal dairies and slaughter activities in vicinity of drains in Kanpur city.

UPPCB shall acknowledge receipt of these directions immediately and submit action taken report by July 15, 2019, positively.

(S.P. Singh Parihar)
Chairman

Copy to:

1. Director General
   National Mission for Clean Ganga,
   (MOWR, RD & GR)
   1st floor, Major Dhyan Chand National Stadium,
   India Gate, New Delhi-110002 : For kind information, please

2. Principal Secretary
   Uttar Pradesh State Ganga River Conservation
   Agency & Urban Development
   Bapu Bhawan Secreatariat
   Room No. 824, Lucknow-226001 : For kind information and necessary action please

3. Chairman
   Uttar Pradesh Jal Nigam,
   6, Rana Pratap Marg,
   Lucknow - 226001 U.P For kind information and necessary action please

4. District Magistrate
   Civil Lines, Kalyani,
   Unnao, Uttar Pradesh 209801 : For kind information and necessary action please

5. District Magistrate
   Collector Mansion Road, Kanpur Nagar,
   Kanpur, Uttar Pradesh 208001 : For kind information and necessary action please

6. Municipal Commissioner
   Kanpur Nagar Nigam
   Moti Jheel,
   Kanpur, Uttar Pradesh 208002 : For kind information and necessary action please

7. Joint Secretary (CP Division)
   Ministry of Environment, Forest & C.C
   Prithvi Block, Indira Paryavaran Bhawan,
   Jorbagh Road, New Delhi – 110 003 : For kind information, please

8. Regional Director
   Regional Directorate
   Central Pollution Control Board
   PICUP Bhawan, Ground Floor, Vibhuti Khand,
   Gomti Nagar, Lucknow – 226 010 : For follow up and ensuring compliance.

9. The In-charge, IT Division, CPCB

10. Master file/Guard file WQM II, CPCB Delhi

28/6

(B. Vinod Babu)
Member Secretary

O/c to Sc WQM-II
RA (Gaurav)