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February 13th, 2020
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To

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 REGARDING DISCHARGE OF INDUSTRIAL EFFLUENT IN DRAINS OF KANPUR

WHEREAS, the Central Board, has delegated powers vested under Section 18 (1) (b) of the 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 function 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 (SPCBs) and Pollution Control Committees (PCCs) and to provide technical assistance and guidance to SPCBs / PCCs; and

WHEREAS, amongst others, under section 16 of the Water (Prevention and Control of pollution) Act, 1974, one of the function of the Central Pollution Control Board, is to promote cleanliness of streams and wells in different areas of the States; and

WHEREAS, the Central Government has notified standards for discharge of environmental pollutants from industries and common effluent treatment plants (CETPs), under the Environmental (Protection) Act, 1986 and rules framed there under, and

WHEREAS, the State Pollution Control Boards (SPCBs) and Pollution Control Committees (PCCs) are empowered to stipulate standards for discharge of environmental pollutants for various categories

of industries and common effluent treatment plants (CETPs) more stringent than those notified by the Central Government, under the Environmental (Protection) Act, 1986 and rules framed there under; and

WHEREAS, the Hon'ble Supreme Court of India in WP (375 of 2012) passed a judgement dated 22.02.2017 that

"the concerned SPCBs are mandated to carry out inspections, to verify, whether or not, each industrial unit regarding "consent to operate", has a functional primary effluent treatment plant. Such of the industrial units, which have not been able to make their primary effluent treatment plant fully operational, within the notice period, shall be restrained from any further industrial activity. This direction may be implemented by requiring the concerned electricity supply and distribution agency, to disconnect the electricity connection of the defaulting industry. We therefore hereby further direct, that in case the concerned SPCBs make a recommendation to the concerned electrical supply and distribution agency/company, to disconnect electrical supply to an industry, for the reason that its primary effluent treatment plant is not functional, it shall honor such recommendation, and shall disconnect the electricity supply to such defaulting industrial concern, forthwith,"

AND WHEREAS, Water Quality of River Ganga and its tributaries has been threatened due to disposal of untreated sewage and sullage from drains and discharge of untreated/partially treated effluents from Grossly Polluting Industries (GPIs) which are mixed with drain effluents and reaching to Ganga directly or through its tributaries; and

WHEREAS, CPCB in consultation with UPPCB has inventoried 1072 Grossly Polluting Industries (GPIs) from sectors Chemical (Organic & Inorganic), Distillery, Sugar, Pulp & Paper, Textile, Dying, Bleaching, Slaughter House, Food & Dairy and others categories of industry operating in state of Uttar Pradesh and having potential to discharge effluent into river Ganga; and

WHEREAS, monitoring of 24 drains identified in Unnao (2) and Kanpur (22) are being carried out by joint teams of officials of CPCB & UPPCB on weekly basis since March 19, 2019; and

WHEREAS, CPCB vide letter dated April 04, 2019 asked UPPCB to take necessary action for control of control of pollution in drains where high colour, BOD and COD were observed; and

WHEREAS, a meeting was held at CPCB office, Delhi on April 26, 2019 with UPPCB and it was decided that UPPCB shall carry out investigation and take necessary action for control of pollution in identified drains where high colour, BOD, COD and Total Chromium are observed; and

WHEREAS, based on weekly monitoring of drains from March 19 to April 16, 2019, 14 drains were identified where high colour, BOD, fluctuation in flow, flow in tapped drains and Total Chromium were observed. CPCB issued directions dated 08.05.2019 under Section 18 (1) (b) of Water (Prevention and Control of Pollution) Act, 1974 to the Uttar Pradesh Pollution Control Board

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(UPPCB) for restoration of water quality of River Ganga in Kanpur and Unnao region and to comply with following directions:

1. To take immediate necessary action to effectively control all polluting sources contributing to 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.

AND WHEREAS, inventorization of pollution source of drains of Kanpur was carried out by officials of CPCB during 28/05/2019-11/06/2019, CPCB issued directions dated 27.06.2019 under Section 18 (1) (b) of Water (Prevention and Control of Pollution) Act, 1974 to the Uttar Pradesh Pollution Control Board (UPPCB) to comply with following directions:

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/Banthal industrial area, into ICICI drain from Panki industrial area, into Ganda drain from Vijay Nagar and Dada Nagar area and Dabka Nala 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.

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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.

AND WHEREAS, CPCB vide DO dated 08.08.2019 requested Chief Secretary, Government of Uttar Pradesh to ensure effective action against polluting activities and to advise concerned agencies including UPPCB to take effective action against polluting activities; and

WHEREAS, a meeting was held at CPCB office, Delhi on September 30, 2019 with UPPCB, NMCG and U. P. Jal Nigam on regarding discharge of sewage/industrial effluent into drains of Kanpur/Unnao region and following decision are made:

- i. UPJN shall submit time bound action plan for complete tapping of untapped drains and control of overflow in existing tapped drains
- ii. In absence of conventional treatment technology interim treatment solution should be opted
- iii. UPPCB may take immediate action against illegal industrial activities.

AND WHEREAS, based on weekly joint monitoring of drains from December 31, 2019 to January 07, 2020 following observations are made:

1. Sheetla Bazar Drain

- i. Drain is tapped through 5.5 MLD pumping station. During the inspection, tapping arrangement was found ineffective and overflow (8.65 - 7.25 MLD) was observed reaching directly to river Ganga.
- ii. High total chromium (31.7 - 8.42 mg/l) was observed in the wastewater of the drain which indicates discharge of untreated chrome bearing wastewater from tannery units located in Jajmau area of Kanpur.
- iii. High Color (600 Hazen), BOD (312 mg/l) & COD (837 mg/l) were observed on 31/12/2019.

2. Budhiya Ghat Drain

- i. The drain was tapped and dry on 31/12/2019.
- ii. Drain was tapped and diverted to 0.7 MLD pumping station-4, however, overflow (1.54 MLD) was observed on 07/01/2020 reaching directly to river Ganga. High BOD (8833 mg/l), COD (16019 mg/l), color (300 Hazen) and total chromium (647 mg/l) were observed in the wastewater of the drain which indicates discharge of untreated chrome bearing wastewater from tannery units located in Jajmau area of Kanpur.

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3. Wazidpur Drain

- i. Tapping provision exists for 1.7 MLD tannery wastewater, however overflow (1.45 MLD) was observed on 31/12/2019 reaching directly to river Ganga.
- ii. High BOD (874 - 940 mg/l), COD (1691 - 1823 mg/l) and total chromium (47.9 - 19 mg/l) observed on 31/12/2019 & 07/01/2020 in the wastewater of the drain which indicates discharge of untreated chrome bearing wastewater from tannery units located in Jajmau area of Kanpur.

4. Ratanpur Drain

- i. High color (250 - 1000 Hazen) observed on 31/12/2019 & 07/01/2020 in the drain which indicates industrial discharge.

AND NOW, THEREFORE, in view of above mentioned 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 including issuance of directions to ensure implementation of following pollution control measures in a time bound manner:

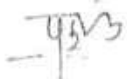
1. UPPCB shall arrange physical verification, closure, sealing and power disconnection of tannery units which are discharging untreated high chrome bearing effluent into drains namely Sheetla bazar drain, Wazidpur drain and Budhiya ghat drain in Jajmau area.
2. UPPCB shall arrange physical verification, closure, sealing and power disconnection of industrial units operating in the catchment of drains namely Ratanpur drain to stop the discharge of colored effluent into Ratanpur drain from industrial operations.
3. UPPCB shall ensure that no industry discharges effluent without meeting prescribed standards into any drain to ensure that coloured/ untreated effluent should not drain into river Ganga.
4. UPPCB shall direct concerned authority to ensure proper functioning of pumping stations in tapped drains namely Sheetla Bazar Drain, Wazidpur drain and Budhiya Ghat Drain so that no wastewater directly reaches the river Ganga.
5. UPPCB shall expedite surveillance for tanneries and illegal industrial units to ensure that no illegal industrial activities are being carried out and submit weekly surveillance report.

Action taken report shall be submitted by UPPCB to CPCB by 29th February, 2020. UPPCB shall acknowledge receipt of these directions immediately.


(Ravi Shanker Prasad)
CHAIRMAN

Copy to:

1. **Director General** : For kind information, please
National Mission for Clean Ganga,
(MOWR, RD & GR)
1st floor, Major Dhyan Chand National Stadium,
India Gate, New Delhi-110002
2. **Joint Secretary (CP Division)** : For kind information, please
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi - 110 003
3. **District Magistrate** : For kind information, please
Collector Mansion Road, Kanpur Nagar,
Kanpur, Uttar Pradesh 208001
4. **Regional Director** : For follow up and ensuring compliance.
Regional Directorate
Central Pollution Control Board
PICUP Bhawan, Ground Floor, Vibhuti Khand,
Gomti Nagar, Lucknow - 226 010
- ✓ 5. The In-charge, IT Division, CPCB
6. Master file/Guard file WQM II, CPCB Delhi


(PRASHANT GARGAVA)
MEMBER SECRETARY