



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

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Date: 17/09/2024

5003

To,

The Member Secretary,
Uttar Pradesh Pollution Control Board,
Building. No. TC-12V, Vibhuti Khand,
Gomti Nagar, Lucknow-226 010,
Uttar Pradesh

DIRECTIONS UNDER SECTION 18 (1) (b) OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 REGARDING NON-COMPLIANCE OF COMMON EFFLUENT TREATMENT PLANT (CETP) LOCATED AT PILAKHUWA IN HAPUR (UTTAR PRADESH)

WHEREAS, the Central Board, has delegated powers vested under Section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 to the Member Secretary, Central Pollution Control Board vide its resolution made in 196th Board meeting dated 29th March, 2022 to issue direction under Section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 to State Board (s); 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, constituted under the Water (Prevention and Control of Pollution) Act, 1974 is to coordinate activities of the State Pollution Control Boards & Pollution Control Committees to provide technical assistance and guidance to SPCBs/PCCs; and

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

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

Contd.

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WHEREAS, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries, Common Effluent Treatment Plants (CETPs) and Sewage Treatment Plants (STPs) under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, the 2.1 MLD Common Effluent Treatment Plant located at the Textile Centre, Pilakhuwa in Hapur, Uttar Pradesh (here in after referred as 'CETP') is designed to treat industrial effluent generated from textile units located in the Textile Centre, Pilakhuwa. The CETP was constructed by Hapur Pilakhuwa Development Authority and is operated by M/s CETP Textile Centre Pilakhuwa Association, CETP Premises, Textile Centre Scheme, Pilakhuwa, Hapur, Uttar Pradesh, a SPV of member units of CETP Pilakhuwa; and

WHEREAS, CETP Pilakhuwa was inspected by CPCB officials on 20/03/2024 and found non-complying w.r.t. treated effluent quality standards for BOD-69 mg/L (against norm of 30 mg/L), TSS-269 mg/L (against norm of 100 mg/L), FDS-2288 mg/L (against norm of 2100 mg/L) and Sulphide-3.6 mg/L (against norm of 2 mg/L). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UPPCB for FDS-2208 mg/L (against norm of 2100 mg/L); and

WHEREAS, CPCB issued direction dated 12/08/2024 to Uttar Pradesh Pollution Control Board (UPPCB) under section 18 (1) (b) of Water (Prevention and Control of Pollution) Act, 1974 regarding non-compliance of CETP Pilakhuwa and directed UPPCB to take appropriate measures including issuance of directions to ensure implementation of following pollution control measures in a time bound manner:

1. UPPCB shall ensure that CETP located in Pilakhuwa operate and maintain its treatment system appropriately to meet the consented discharge norms.
2. UPPCB shall establish a surveillance team to monitor member industrial units of CETP Pilakhuwa to ensure their compliance with the CETP inlet effluent quality standards including compliance of effluent discharge standards by CETP.

AND WHEREAS, no action taken report has been received so far from UPPCB with respect to CPCB direction dated 12/08/2024; and

WHEREAS, CETP Pilakhuwa, Uttar Pradesh was inspected by CPCB officials on 24/06/2024 and following observations were made:

1. CETP was found operational on the day of inspection on 24/06/2024 and the utilized capacity was 1.39 MLD.
2. CETP has obtained Consent to Operate from UPPCB under Water Act, 1974 and Air Act, 1981, having validity up to 31/12/2024.
3. Flow meters were installed at the inlet and outlet of the CETP and were found to be functional.

4. Online Continuous Emission Monitoring System (OCEMS) was found installed at CETP Outlet & connected to CPCB and UPPCB servers.
5. MLSS & MLVSS values in the Aeration Tank were measured as 1179 mg/L & 892 mg/L, respectively.
6. **Treated effluent of CETP was found non-complying w.r.t. treated effluent quality standards for Sulphide-4 mg/L (against norm of 2 mg/L) and NO₃-N - 10.2 mg/L (against norm of 10 mg/L).** Values of other parameters were observed as pH-8 (against norm of 6-9), BOD as 9 mg/L (against norm of 30 mg/L), COD as 43 mg/L (against norm of 250 mg/L), TSS as 26 mg/L (against norm of 100 mg/L), FDS as 1824 mg/L (against norm of 2100 mg/L), Chloride as 647 mg/L (against norm of 1000 mg/L), Ammoniacal Nitrogen as 2 mg/L (against norm of 50 mg/L), Total Kjeldahl Nitrogen as 10 mg/L (against norm of 50 mg/L), Sulphate as 295 mg/L (against norm of 1000 mg/L), Oil & Grease as 5 mg/L (against norm of 10 mg/L) and Total Chromium as 0.01 mg/L (against norm of 2 mg/L).
7. Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UPPCB for COD-1069 mg/L (against norm of 900 mg/L).
8. The chemical dosing in Flash Mixer was carried out in an uncontrolled manner.
9. A breach was observed in the conveyance channel of the CETP located just in front of the main gate, leading to the direct discharge of wastewater into an open field, resulting in the ponding of untreated effluent. Laboratory analysis results of wastewater sample collected from the ponding at open field showed pH-9.1, Colour-288 Hazen, BOD-303 mg/L, COD-786 mg/L, TSS-294 mg/L and FDS-5488 mg/L, which is of similar characteristics as raw effluent at CETP inlet. The characteristics of wastewater ponding in open field indicated that untreated/partially treated effluent from the member units is being discharged into the open field, posing a risk of groundwater contamination.
10. The treated effluent of CETP is discharged in to a local drain which is finally discharged in to River Kali-East via Kadrabad drain.

It is evident that CETP Pilakhuwa was not operated and maintained properly to comply with the treated effluent quality standards. Industrial effluent received at the inlet of the CETP was also not meeting the inlet effluent quality standards prescribed by UPPCB indicating that member units were not complying with CETP inlet effluent quality standards. The discharge of untreated/partially treated effluent on land, due to breach in the conveyance channel of the CETP, posed potential threat to the ambient environment quality.

AND NOW THEREFORE, in exercise of powers conferred under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974, Uttar Pradesh Pollution Control Board (UPPCB) is hereby directed to take appropriate measures including issuance of directions to ensure implementation of following pollution control measures in a time bound manner:

1. To ensure that CETP Pilakhuwa operate and maintain its treatment system appropriately to meet the consented discharge norms.

2. To take suitable action, as deemed fit, including levying of environmental compensation against CETP Pilakhuwa or member industrial units that do not have adequate treatment facilities to comply with the norms.
3. To establish a surveillance team to monitor member industrial units of CETP Pilakhuwa to ensure its compliance with the CETP inlet effluent quality standards including compliance of effluent discharge standards by CETP.
4. To ensure that any damage to the conveyance channel, which carries pre-treated effluent from member industrial units to the CETP, is immediately repaired so that no untreated/partially treated effluent is discharged onto the land. UPPCB shall also ensure that no such incident occurs in the future.

UPPCB shall acknowledge receipt of these directions immediately and submit the action taken report to the above and also direction dated 12/08/2024 to CPCB within 15 days of receipt of this direction.



(Bharat Kumar Sharma)
MEMBER SECRETARY

Copy to:

1. **Director General,** : For kind information,
National Mission for Clean Ganga, please.
Ministry of Jal Shakti (DoWR, RD & GR),
1st Floor, Major Dhyan Chand National Stadium,
India Gate, New Delhi - 110 002
2. **Additional Secretary (CP Division),** : For kind information,
Ministry of Environment, Forest & Climate Change, please.
Indira Paryavaran Bhawan, Jor Bagh Road,
New Delhi - 110 003
3. **District Magistrate-Hapur,** : For kind information,
Collectorate, L-Block, Anand Vihar, please.
Hapur - 245101, Uttar Pradesh
4. **Regional Officer,** : For kind information
Regional Office (Ghaziabad), and necessary action,
Uttar Pradesh Pollution Control Board, please.
2 I.N.S., Sector-16, Vasundhara, Post-Prahlad
Garhi-201012, Ghaziabad, Uttar Pradesh
5. **In-charge, IT Division, CPCB** : For uploading the
direction on CPCB website, please.



(Bharat Kumar Sharma)
MEMBER SECRETARY