



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

Speed Post

CPCB/IPC-VII/CETP-BHIWADI/ 1027

Dated: 02.05.2024

To

The Member Secretary
Rajasthan Pollution Control Board
4, Jhalana Institutional Area
Jhalana Doongri,
Jaipur - 302004 (Rajasthan)

Subject: Directions under section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 regarding non-compliance status of CETP- Bhiwadi Jal Pradushan Nivaran Association CETP Office, Opposite New Bus Stand, Tijara Road, Bhiwadi - 301 019 (Rajasthan)

WHEREAS, amongst others, under Section 17 of the Water (Prevention & Control of Pollution) Act, 1974, one of the functions of the State Pollution Control Board (SPCB), (or Pollution Control Committee for Union Territories) 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 therefore; and

WHEREAS, amongst others, under Section 16 of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, one of the functions of the Central Pollution Control Board (CPCB), constituted under the Water (Prevention & 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

WHEREAS, amongst others, under Section 16 of the Water (Prevention & Control of Pollution) Act, 1974, one of the functions of the Central Pollution Control Board (CPCB), is to promote cleanliness of streams and wells in different areas of the State; and

WHEREAS, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries, Common Effluent

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Treatment Plants (CETPs) and Sewage Treatment Plants (STPs) under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, there is a need to inculcate the habit of self-monitoring within the CETPs for complying with the prescribed standards and this can be achieved by installing Online Continuous Effluent Monitoring System (OCEMS); and

WHEREAS, CETP- Bhiwadi Jal Pradushan Nivaran Association CETP Office, Opposite New Bus Stand, Tijara Road, Bhiwadi - 301 019 (Rajasthan) (herein after referred as CETP) was inspected by CPCB officials on 31.10.2023 and following major observations were made:

- I. The Consent to Operate (CTO) is valid upto 30.11.2026 for the operation of 09 MLD CETP.
- II. It was reported that 958 industrial units have obtained membership from CETP. Out of 958 industrial units, 709 units are connected to the CETP, 135 units closed their operation and remaining 114 units yet to connect to the CETP. The CETP was built on Activated Sludge Process (ASP), and from November 1, 2023, M/s Triveni Engineering Pvt. Ltd. would be in charge of plant operation and maintenance.
- III. During the visit on 31.10.2023, the CETP was found operational. It was reported that the existing STPs installed in the Bhiwadi city are under capacity. Hence, sewage mixed in the sewerage system along with industrial wastewater accounting average flow of 20-22 MLD. The CETP collects 8 to 9 MLD wastewater out of 20-22 MLD for treatment and the remaining untreated wastewater along with the treated wastewater is diverted to Khushkhera area, Rajasthan to avoid accumulation of water in Dharuhera, Haryana.
- IV. It was documented that the CETP has installed Online Continuous Effluent Monitoring System (OCEMS) at the final outlet of treated wastewater for the parameters- pH, TSS, COD, BOD with connectivity to RSPCB & CPCB servers.
- V. Flow meter and PTZ camera found operational but data transmission of flow meter and PTZ to CPCB server were not available at the time of visit. As informed by the CETP representative the work of data transmission has been completed after the visit and same has been verified on CPCB portal and found complied except for data transmission of flow meter.
- VI. It was also mentioned that all the monitored parameters are within the prescribed limits except for the concentration of TDS: 2930 mg/L (consent limit: 2100 mg/l).
- VII. During the time of inspection, it was also reported that the CETP is installing Mechanical Vapor Re-compression (MVR) plant for treating 06 MLD wastewater and to maintain the ZLD status by the way of utilizing the treated wastewater by the member units.

- VIII. It was also reported that the CETP receives acidic wastewater from 12 pickling units (spent acid generation units). This acidic waste water received through tankers and neutralized using lime at spent acid neutralization facility. After the treatment, the neutralized wastewater was transferred to equalization tank for further treatment and sludge generated from filter press is used for brick manufacturing as per SOP of CPCB.
- IX. It was stated that the CETP had generated 14,473 MT sludge during the year 2022-23. It was observed that the CETP is using 5 trucks (with transportation permission) for transporting the hazardous waste (Sludge) to nearby cement plant.
- X. It was observed that Hazardous waste storage area is not maintained properly, as significant quantity of sludge was lying outside. It is also mentioned that the hazardous waste storage area is not having proper shed and leachate management facility.
- XI. It was informed that the overall housekeeping has disturbed due to ongoing up gradation work.

WHEREAS, Hon'ble NGT in the Execution Application No. 42/2019 in Original Application No. 124/2015, filed by Sumitra Devi has given various directions on 29.10.2021 including acceptance of joint committee reports dated 13.10.2021 on the issue of compliance status and 20.10.2021 on assessment of environment compensation. The order dated 29.10.2021 of Hon'ble NGT was stayed vide order dated 14.02.2022 by Hon'ble Apex Court in Civil Appeal Nos. 1377, 1228 and 1234 of 2022, Municipal Council Bhiwadi vs. Sumitra Devi & Ors.

AND, NOW, THEREFORE, in exercise of powers conferred under section 18(1) (b) of the Water (Prevention & Control of Pollution) Act, 1974, Rajasthan Pollution Control Board (RSPCB) is hereby directed to take appropriate action to ensure following compliance:

- I. To ensure compliance of the following by the CETP:
- a. To properly operate the CETP so as to meet the treated effluents discharge standards.
 - b. To expedite connectivity of flow meters to CPCB/RSPCB servers.
 - c. To submit status report regarding the installation of MVR for treating and achieving ZLD for 06 MLD (out of 09 MLD as per CTO) and to ensure proper planning and management of remaining 03 MLD.
 - d. To make adequate arrangement for the storage of hazardous waste / sludge in a designated & properly constructed storage area / shed with leachate management system.

The action taken by RSPCB be intimated to CPCB within 15 days of receipt of these directions.


(Bharat Kumar Sharma)
Member Secretary

Copy To:

1. **The Chairman** : for information, please.
Rajasthan Pollution Control Board
4, Jhalana Institutional Area
Jhalana Doongri, Jaipur
Rajasthan - 302004
2. **The Additional Secretary (CP Division)** : for information, please.
Ministry of Environment, Forests & Climate
Change, Prithvi Wing, 2nd Floor, Indira
Paryavaran Bhawan, Jor Bagh Road,
New Delhi-110 003.
3. **The Regional Director** : for follow-up, please.
Central Pollution Control Board
Parivesh Bhawan, Paryavaran Parisar E-5
Arera Colony, Bhopal - 462016
(Madhya Pradesh)
4. **Divisional Head, WQM-I,** : for information, please.
CPCB, Delhi
5. **Divisional Head, IT** : for uploading on CPCB
CPCB, Delhi website, please.


(Bharat Kumar Sharma)

