



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-Greenfield-Solapur/ 10719

Date: 08.03.2024

To

The Member Secretary

Maharashtra Pollution Control Board
Kalpataru Point, 3rd & 4th Floors,
Sion Matunga Scheme, Road No. 6
Opp. Cine Planet, Sion Circle, Sion (E),
Mumbai- 400 022 (Maharashtra)

Subject: Directions under section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 regarding non-compliance status of CETP- Greenfield CET Plant Pvt. Ltd., P-17, MIDC Chincholi, Tal. Mohol, Dist. Solapur, Maharashtra

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

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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- Greenfield CET Plant Pvt. Ltd., P-17, MIDC Chincholi, Tal. Mohol, Dist. Solapur – 413 255 (Maharashtra) (herein after referred as CETP) was inspected by CPCB officials on 27.09.2023 and following major observations were made:

- I. The CETP receives effluent from 33-member units through tankers and 1-member unit through pipeline.
- II. The effluent received at the CETP was around 1.0 MLD, whereas the designed capacity of the CETP is 1.5 MLD.
- III. The Consent to Operate was valid up to 31.12.2023.
- IV. The monitored values for the quality parameters at the outlet of CETP, namely, BOD: 120 mg/l (limit: 100 mg/l), COD: 316 mg/l (limit: 250 mg/l) and Sulphate: 1890 mg/l (limit: 1000 mg/l) did not meet the MPCB prescribed treated effluent discharge standards.
- V. Online Continuous Effluent Monitoring System (OCEMS) is installed at the outlet of CETP for measurement of Flow, pH, BOD, COD & TSS in the effluent. However, OCEMS is not connected to CPCB server.
- VI. The OCEMS data was compared with the manual analysis results and the variation in readings indicated that the OCEMS system needs validation/calibration.
- VII. The CETP has eight Sludge Drying Beds (35 m³ each). The average sludge generation, as informed, was about 45 MTPA which is disposed to CHWTSDF, M/s Maharashtra Enviro Power Ltd. (MEPL), MIDC Ranjangaon, Tal – Shirur, Pune, Maharashtra. The details of hazardous waste disposal were not provided and vegetation growth was observed in the sludge drying beds due to poor maintenance.
- VIII. As per consent conditions, the treated effluent from CETP shall be used on land for irrigation by adopting High Rate Transpiration System (HRTS). The treated effluent is disposed on land (48 acres) by adopting HRTS. The details of HRTS such as length of pipeline installed, pump details, no. and species of trees were not provided.


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

To take suitable action including levying of environmental compensation against the reported observations including exceedance of discharge standards and non-calibration/non-validation of OCEMS of the CETP etc. and to ensure compliance of the following by the CETP:

- a. To obtain renewed CTE, CTO and Hazardous Waste Authorization and comply with all the conditions mentioned thereof.
- b. To operate or augment the treatment system, appropriately, so as to meet the prescribed discharge standards.

- c. To augment/operate the sludge dewatering/drying system for efficient sludge handling/sludge drying and to ensure timely disposal of the hazardous waste to the CHWT/SDF as per the Authorization.
- d. To keep proper records of hazardous waste disposal and to submit Form-4/hazardous waste disposal details as required from time to time.
- e. To undertake regular calibration, maintenance and validation of the OCEMS analysers as per standard operating procedures/recommendations of the suppliers, so as to ensure generation of continuous & reliable data.
- f. To expedite OCEMS connectivity with CPCB server.
- g. To provide details of High Rate Transmission System (HRTS) adopted for disposal of treated effluent on land for irrigation including regeneration & replacement of media of HRTS. Also to provide assessment report of impact on Soil and Ground Water quality as per the CCA conditions.

The action taken by MPCB 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.
Maharashtra Pollution Control Board
Kalpataru Point, 3rd & 4th Floors,
Sion Matunga Scheme, Road No. 6
Opp. Cine Planet, Sion Circle, Sion (E),
Mumbai- 400 022 (Maharashtra)
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,
Survey No. 110, Dhankude Multi Purpose Hall,
Baner Road, Baner,
Pune – 411045 (Maharashtra)

4. **Divisional Head, WQM-I,**
CPCB, Delhi

: for information, please.

✓ 5. **Divisional Head, IT**
CPCB, Delhi

: for uploading on CPCB
website, please.



(Bharat Kumar Sharma)

