



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-FP Ludhiana/ 7932

January 13, 2023

To

The Member Secretary
Punjab Pollution Control Board,
Vatavaran Bhavan, Nabha Road,
Patiala-147001 (Punjab)

Subject: Directions under section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 regarding non-compliance status of CETP-Focal Point (500 KLD), Plot No. 260-261, Phase-VIII, Focal Point, Ludhiana, Punjab.

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

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-Focal Point (500 KLD), Ludhiana, operated by M/s J.B.R. Technologies Private Limited, Ludhiana, under control of SPV M/s Ludhiana Effluent Treatment Society-LETS (herein after referred as CETP), was inspected by a team of officials from CPCB on 27/07/2022 and the following observations were made:

- i. The CETP receives effluent, without any pre-treatment, from 1624-member tannery units, transported through 44 tankers of various capacities.
- ii. The effluent received at the CETP was around 470 KLD, as against the designed capacity of 500 KLD.
- iii. The CETP has installed ZLD system and as per agreement with M/s Vardhman Special Steels Limited, 100 KLD treated wastewater is transported to them through tankers for utilization as cooling tower make-up. There was no record of the utilization of the treated wastewater.
- iv. The oil & grease removal system was not working, properly.
- v. The CETP has installed OCEMS (flow meter and 360° night vision IP camera) at final outlet/RO permeate outlet, with connectivity to CPCB & PPCB servers.
- vi. The CETP has not installed flow meters for RO feed, RO reject, Evaporator feed and concentrate, with no record of the same being maintained.
- vii. The CETP has not installed differential pressure gauge system at Cation-Anion and Carbon filter systems to monitor filtration.
- viii. CETP has installed electromagnetic flow meter for the RO permeate (final outlet), however, no record of the same was maintained.
- ix. The standards, for the quality parameters at inlet of CETP, have not been specified by the Punjab Pollution Control Board (PPCB).
- x. The MEE concentrate get mixed with CETP sludge and sent to TSDF for final disposal.
- xi. The authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016, from PPCB has expired on 16/06/2021. The CETP has applied for its renewal on 01/10/2021.

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

1. To prescribe the inlet standards for CETP in light of MoEF&CC notification under E(P) Act Rules, 1986, dated 01/01/2016.
2. To take action, as deemed fit, including levying of environmental compensation against non-complying CETP or member industries that do not have adequate treatment facilities to comply with the norms.
3. To ensure compliance of the following by the CETP:
 - a. To utilize the treated wastewater, completely, recovered through ZLD system and keep a record of the same.

- b. To install flow measurement devices for filtration system, RO (feed, reject & permeate) & evaporator (feed, condensate & concentrate) and keeping records of the same.
- c. To obtain valid Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
- d. To augment the treatment system, appropriately, for oil & grease removal.
- e. To augment the sludge drying beds/system for efficient sludge handling/sludge drying.
- f. To make adequate arrangement to keep the hazardous waste/sludge in a designated & properly constructed storage area/shed.
- g. To make proper disposal of the hazardous waste/sludge to TSDF site on regular basis.
- h. To undertake regular calibration & maintenance of the OCEMS analysers as per standard operating procedures/recommendations of the suppliers, so as to ensure of generating continuous & reliable data.
- i. To provide requisite system for treatment & disposal of MEE concentrate and maintain records of the same.

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


Prashant Gargava
Member Secretary

Copy to:

1. **The Chairman** : for information, please.
Punjab Pollution Control Board,
Vatavaran Bhavan, Nabha Road,
Patiala-147001 (Punjab)
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,
BSNL Exchange, 2nd Floor, Sector 49-C,
Chandigarh-160 047 (Punjab)
4. **Divisional Head, WQM-I,** : for information, please.
CPCB, Delhi
- ✓ 5. **Divisional Head, IT,** : for uploading on CPCB
CPCB, Delhi website, please.
6. **PS to Chairman** : for information, please.
CPCB, Delhi


Member Secretary