



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-Jalandhar/ 7052

December 15, 2022

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-5 MLD (Module-II), PETS Leather Complex, Kapurthala Road, Jalandhar, 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-5 MLD (Module-II), operated by M/s Jalvayu Parivartan Consulting Engineers, under control of SPV 'Punjab Effluent Treatment Society (PETS)

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for Tanneries', Leather Complex, Kapurthala Road, Jalandhar (herein after referred as CETP), was inspected by a team of officials from CPCB on 03/08/2022 and the following observations were made:

- i. The CETP receives pre-treated effluent from 60-member tannery units, through common effluent channel by gravity.
- ii. The effluent received at the CETP was around 3.3 MLD, whereas the designed capacity of the CETP is 5 MLD.
- iii. The monitored values for the quality parameters at the outlet of CETP, namely, BOD: 41 mg/l (limit: 30 mg/l), COD: 327 mg/l (limit: 250 mg/l), TSS: 185mg/l (limit: 100 mg/l), FDS: 8640 mg/l (limit: 2100 mg/l), Chloride: 3176 mg/l (limit: 1000 mg/l), Fluoride: 8.7 mg/l (limit: 2 mg/l), Sulphate: 922 mg/l (limit: 1000 mg/l) and Ammonical Nitrogen: 351 mg/l (limit: 50 mg/l), did not meet the prescribed treated effluent standards.
- iv. The oil & grease removal system was not installed properly.
- v. The CETP treated effluent is conveyed through pipeline to dilution-cum-mixing tank provided at STP- Peerdad (52 MLD, SBR Process), for dilution-cum-mixing with treated sewage before discharge into Kalasingha drain.
- vi. Online Continuous Effluent Monitoring System (OCEMS) is installed at outlet of CETP for the measurement of pH, BOD, COD, TSS and conductivity in the treated effluent but data connectivity has not been provided with CPCB & PPCB servers.
- vii. The MLSS & MLVSS as analysed in the Aeration Tank were 9750 mg/l & 5356 mg/l, respectively. The MLSS content in the aeration tank is too high which may result into carryover of suspended solids from the outlet of secondary clarifier.
- viii. On the day of visit, mixing arrangement in Equalization Tank as well as the Primary Clarifier were found out of order. The effluent in Secondary Clarifier was found in short circuiting condition.
- ix. Sludge drying beds were found in filled and damaged conditions. About 500 MT CETP sludge was kept in haphazard manner in open space which may lead to soil and ground water contamination.

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, against CETP, to ensure compliance of the following:

1. To operate or augment the treatment system, appropriately, for discharging the treated effluent within the prescribed limits.
2. To augment the sludge drying beds/system for efficient sludge handling/sludge drying.
3. To make adequate arrangement to keep the hazardous waste/sludge in a designated & properly constructed storage area/shed.
4. To make proper disposal of the hazardous waste/sludge to TSDF site on regular basis.

5. 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.
6. To provide OCEMS data connectivity with CPCB & PPCB servers.
7. To take suitable action against individual member units that do not have adequate treatment facilities to comply with the norms.
8. To take action, as deemed fit, including levying of environmental compensation against non-complying CETPs or member industries.

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.


Member Secretary