



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-Ambala/2644

July 25, 2023

To

The Member Secretary
Haryana State Pollution Control Board,
C-11, Sector-6.
Panchkula-134109 (Haryana)

Subject: Directions under section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 regarding non-compliance status of CETP-Ambala (0.5 MLD), Plot No. 67, HSIIDC Industrial Area, Jagadhari Road, Ambala, Haryana.

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

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WHEREAS, CETP-Ambala (0.5 MLD design capacity), operated by M/s HSIIDC, Ambala (herein after referred as CETP) was inspected by a team of officials from CPCB Regional Directorate, Chandigarh on 09/05/2023 and the following observations were made:

1. As per log book record, the CETP receives 0.477 MLD average effluent (without pre-treatment) from the member industries. This is in excess of the consented treatment capacity of 0.300 MLD.
2. The existing sand filtration system, PVA-Gel Bio-Reactor, Polyvinyl alcohol (PVA) gel beds bio-carrier were found in damaged or clogged condition. The primary settler was found in anaerobic condition, which indicates that it has been non-functional for a long time. As a result, many treatment units were found out of order.
3. The sludge drying bed was found flooded with sludge. The filtration media of the sludge drying bed was observed in choked conditions.
4. The CETP has made temporarily storage shed for storing the hazardous sludge, however, records of the same are not maintained.
5. CETP has not obtained Authorization under the Hazardous and Other Wastes (Management Handling & Transboundary Movement) Rules, 2016 from HSPCB.
6. The analysis results show that the CETP inlet is not complying with the prescribed effluent norms w.r.t. BOD: 507 mg/l (as against the norm of 150 mg/l) and COD: 1217 mg/l. (as against the norm 500 mg/l).
7. The analysis results also show that the CETP outlet is not complying with the prescribed effluent discharge norms w.r.t. TSS: 1266 mg/l (as against the norm of 100 mg/l), BOD: 434 mg/l (as against the norm of 30 mg/l), and COD: 1010 mg/l (as against the norm of 250 mg/l), Cadmium: 0.153 mg/l (as against the norm of 0.05 mg/l), Iron: 11.72 mg/l (as against the norm of 3 mg/l). The MLSS: 1183 mg/l and MLVSS: 1038 mg/l in the aeration tank were found very low which indicates poor Operation and Maintenance of the CETP.
8. Online values were observed w.r.t. pH: 7.96 (as against the monitored values of 7.6), TSS: 29.59 mg/l (as against the monitored values of 1266 mg/l mg/l), COD: 42.99 mg/l (as against the monitored values of 1010 mg/l) and BOD: 7.76 mg/l (as against the monitored values of 434 mg/l).
9. The online effluent monitoring system (OCEMS) was put in outlet tank filled with stagnant water, in place of treated effluent. Hence, the online values are doubtful. As informed, OCEMS is connected to CPCB/HSPCB. However, CPCB OCEMS portal have been showing the values for BOD, COD and TSS as 0.0 mg/l, since 7th June 2023, which indicates that the analysers for these parameters are offline.

AND NOW THEREFORE, in exercise of powers conferred under section 18(1)(b) of the Water (Prevention & Control of Pollution) Act, 1974, Haryana State Pollution

Control Board (HSPCB) is hereby directed to take appropriate action for compliance of the following:

1. HSPCB to ensure compliance of the following by the CETP:
 - a. It receives industrial effluent in accordance to the consented capacity and prescribed inlet standards.
 - b. It augments and operates the treatment system, appropriately, so as to meet the prescribed norms.
 - c. It obtains valid Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
 - d. It augments the sludge drying beds/system for efficient sludge handling/sludge drying.
 - e. It makes adequate arrangement to keep the hazardous waste/sludge in a designated & properly constructed storage area/shed.
 - f. It makes proper disposal of the hazardous waste/sludge to TSDF site on regular basis.
 - g. It undertakes regular calibration & maintenance of the OCEMS analyzers as per standard operating procedures/recommendations of the suppliers, so as to ensure of generating continuous & reliable data.

2. HSPCB 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

The action taken by HSPCB 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.
Haryana State Pollution Control Board,
C-11, Sector-6,
Panchkula-134109 (Haryana)
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, IT,** : for uploading on CPCB
CPCB, Delhi website, please.


Member Secretary