



Speed Post

CPCB/IPC-VII/CETP-TALOJA/

3496

Dated: 12.08.2024

To

The Member Secretary  
Maharashtra Pollution Control Board  
Kalpataru Point, 2<sup>nd</sup> - 4<sup>th</sup> Floors,  
Opp. Cine Planet, Nr. 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 M/s. Taloja CETP Co-op. Society Ltd P-24 & G-8, Taloja MIDC Panvel, Raigad, 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

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, M/s. Taloja CETP Co-operative Society Ltd P-24 & G-8, Taloja MIDC Panvel, Raigad, Maharashtra (herein after referred as CETP) was inspected by CPCB officials on 12.06.2024 and following major observations were made:

- I. The Consolidated Consent & Authorization (CC&A) dated 23.02.2023 was valid up to 31.12.2023 for the operation of 27.5 MLD CETP. It was informed by the CETP operator that the CETP has applied for renewal of the CCA to MPCB. However, the copy of the renewal application was not provided by the CETP.
- II. The CETP has provided the display board at entrance gate (as per Hon'ble Supreme Court order in WP 657/1995). However, the display board was not updated as per the latest CTO & operational parameters of the CETP.
- III. The CETP was found operational on the day of visit. It was reported that 135 Industrial Units have obtained membership from CETP for the treatment of trade effluent. It was also reported that the quantity of the trade effluent received and treated by the CETP during February, March and April, 2024 are within the consented quantity prescribed by MPCB i.e.27.5 MLD.
- IV. The CETP has installed OCEMS at the final outlet of the treated effluent which is connected to the CPCB server. During the visit, the OCEMS reading of pH was observed to be 7.02 and other parameters viz. TSS, BOD, COD was found non-operational.
- V. The CETP was constructing a new sump and associated piping network for the collection of raw effluent. The CETP found using dilapidated pipeline for transfer of raw effluent. Leakage of raw effluent has resulted into formation of raw effluent puddles near the existing collection pit. Possibility of soil and ground water contamination from the same cannot be ruled out.
- VI. The analysis results of sample collected from CETP inlet effluent reveals that all the monitored parameters are within MPCB prescribed inlet standards for CETP except for the concentration of BOD-1024.8 mg/l (Standard: 1000 mg/l) and COD: 3008 mg/l (Standard: 2700 mg/l). The standards with respect to the CETP inlet effluent quality for BOD & COD were prescribed for the Small Scale Industrial (SSI) units.
- VII. The analysis results of sample collected from CETP outlet effluent reveals that concentration of BOD: 468.5 mg/l (Standard:100 mg/l) and COD: 1408 mg/l

(Standard: 250 mg/l) exceeds MPCB prescribed outlet standards for CETP. Remaining monitored parameters were found well within the prescribed standards.

- VIII. The CETP is discharging the treated effluent into Waghivali Creek which is about 3.5 km distinct location than that specified by NIO. Further, it was informed that MIDC has given work order for the pipeline connection of 3.5 km to discharge the effluent as per NIO specified discharge location. Information regarding location of disposal point like latitude, longitude and length of pipeline etc. is not specified in the consent.
- IX. The CETP found using an unlined earthen sludge drying pond for sludge handling/drying apart from the 2 sludge drying beds. The unlined earthen sludge drying bed was filled with sludge and was found covered with HDPE sheets.
- X. It was informed that the CETP had disposed 1150 MT of sludge to CHWTSDf - M/s Mumbai Waste Management Limited, Taloja during the year 2023-24. The total quantity found more than the authorized quantity (1 MT/day).
- XI. Accumulation of lime water was observed near the flash mixer area (adjoining the primary clarifiers).

**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 including imposing environmental compensation and to ensure following compliance by the CETP:

- a. Augmentation/proper operation of the treatment facility so as to ensure compliance with the prescribed discharge standards.
- b. Removal of sludge stored on unlined earthen sludge drying pond as per the condition specified in the authorisation and disposal of the same as per the authorisation. Further, necessary facilities, as required, be developed for proper storage of the sludge.
- c. Operation of the CETP with valid Consolidated Consent & Authorization (CC&A) from MPCB and comply with all the conditions mentioned thereof.
- d. Update the display board on main entrance gate, in accordance with Hon'ble Supreme Court order in WP No. 657 of 1995, as per the latest CTO & operational parameters of the CETP.

- e. Completion of maintenance of OCEMS facility and to undertake regular calibration, 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. Discharge of treated effluent meeting the prescribed conditions as per the CCA at point specified by National Institute of Oceanography through closed pipeline.
- g. Lifting of the accumulated raw effluent and lime water and to make adequate arrangement for transfer of effluent from inlet collection sump for further treatment.

In addition, MPCB is hereby also directed to prescribe the inlet standards for the parameters COD and BOD in accordance to the CETP notification dated 01.01.2016 and to specify the details of disposal point in the consent including latitude and longitude as suggested by NIO.

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, 2<sup>nd</sup> - 4<sup>th</sup> Floors,  
Opp. Cine Planet, Nr. 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, 2<sup>nd</sup> Floor  
Indira Paryavaran Bhawan, Jor Bagh Road  
New Delhi-110 003.

3. **The Regional Director (Pune)** : 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,** : for information, please.  
CPCB, Delhi
5. **Divisional Head, IPC-VI** : for information, please.  
CPCB, Delhi
- ✓ 6. **Divisional Head, IT** : for uploading on CPCB  
CPCB, Delhi website, please.

  
(Bharat Kumar Sharma)

