



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-Ichalkaranji/ 9843

Date: 12.02.2024

To

The Member Secretary  
Maharashtra Pollution Control Board  
Kalpataru Point, 3<sup>rd</sup> & 4<sup>th</sup> 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- Ichalkaranji Textile Development Cluster C.E.T.P. Ltd., R. S. No. 610, Near Niramay Hospital, Hatkanangle, Kolhapur - 416 115 (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-Ichalkaranji, operated by M/s Ichalkaranji Textile Development Cluster C.E.T.P. Ltd., R. S. No. 610, Near Niramay Hospital, Hatkanangle, Kolhapur - 416 115 (Maharashtra) (herein after referred as CETP) was inspected by CPCB officials on 30.06.2023 and following major observations were made:

- i. Display Board at the main entrance gate was not provided as per the Hon'ble Supreme Court Order in WP No. 657 of 1995.
- ii. The CETP receives pre-treated effluent through pipelines from 68-member units having preliminary effluent treatment plants (PETPs).
- iii. The effluent received at the CETP was around 7.3 MLD, whereas the designed capacity of the CETP is 12 MLD.
- iv. The monitored values for the quality parameters at the outlet of CETP, namely, BOD: 110 mg/l (limit: 30 mg/l) and COD: 268 mg/l (limit: 250 mg/l), did not meet the MPCB prescribed treated effluent discharge standards.
- v. The Operation & Maintenance of the Grit Chamber and Tertiary Filtration Units, namely Activated Carbon Filters (ACF) and Pressurized Sand Filters (PSF) was in poor condition. Scum was accumulated on the surface of the Grit Chamber and no reduction in pollutants in tertiary treatment (Filtration-ACF/PSF) was observed from the analysis results pointing towards improper operation and maintenance.
- vi. Online Continuous Effluent Monitoring System (OCEMS) is installed at outlet of CETP for the measurement of pH, BOD, COD, TSS and TDS in the treated effluent but there is a marked difference between manual sampling analysis results and OCEMS values, which require urgent attention towards operation/maintenance/calibration of the OCEMS.
- vii. As per the CTO condition (Point No. 11), the CETP shall ensure that there shall not be any discharge into Panchganga River directly or indirectly. However, the CETP treated effluent is being discharged into a nearby drain/nalah (known as Kala Nalah) which does not comply with the aforementioned CTO discharge condition for disposal on land for gardening as the drain eventually meets with the River Panchganga.

- viii. The CETP has installed and operates a 1 TPH Sludge Dryer along with wood-fired Boiler (10 lakh Kcal/h). The Dryer is equipped with Cyclone and Scrubber as Air Pollution Control System (APCS). The vent/stack from APCS has been immersed in a tank partially filled with water to allow the exhaust vapours/gases from Dryer to pass through to prevent complaints about emissions from stack. The Boiler has been provided with Dust Collector (Bag Filter) System. The Stack Monitoring Facilities (SMFs) were not proper for stack attached to Dryer & Boiler.
- ix. The Sludge Drying System along with Boiler has been installed and is being operated by CETP without obtaining valid Consent to Establish and Consent to Operate (CTO) from MPCB.
- x. The CETP disposes dried sludge to CHWTSDf, M/s Maharashtra Enviro Power Ltd., MIDC Ranjangaon, Taluka- Shirur, Dist – Pune (Maharashtra).
- xi. The CETP has submitted CTE application along with DPR proposing enhancement of treatment capacity to 15 MLD by installing Low Flux Membrane Bio-Reactor (MBR), high recovery Reverse Osmosis (RO) System, Brine Concentration, Brine Recycling, Five Effect Forced Circulation Evaporator, Crystallizer and Agitated Thin Film Dryer to achieve Zero Liquid Discharge (ZLD). The CETP has proposed that the treated effluent shall be used by member industries by the provision of a pipeline network.

**WHEREAS**, As per Order of Hon'ble Supreme Court in the matter of Writ Petition WP(C) No. 657 of 1995; Research Foundation of Science Technology and Natural Resource Policy vs Union of India & Ors, that "SPCBs/PCCs should ensure that all industries involved in hazardous chemicals and generating hazardous wastes should display online data outside the main factory gate, on quantity and nature of hazardous chemicals being used in the plant, water and air emissions and solid waste generated within the factory premises. If such data is not made available, the unit should be asked to show cause or even be asked to close down"; and


**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:

- I. To take suitable action including levying of environmental compensation against the reported observations, such as, no provision of display board on main entrance gate, operation of CETP-Sludge Drying System without CTE and CTO, exceedance of discharge standards, unauthorised discharge to drain which meets River Panchganga etc.

II. To ensure compliance of the following by the CETP:

- a. To provide display board on main entrance gate, in accordance with Hon'ble Supreme Court order in WP No. 657 of 1995, showing information on water & air emissions and waste generated within the CETP premises.
- b. To obtain CTE, CTO for the Sludge Drying System (Sludge Dryer & Boiler) from MPCB and provide Stack Monitoring Facility (SMF) for APCS attached to Sludge Dryer and Boiler.
- c. To augment the treatment system, appropriately, so as to meet the discharge standards.
- d. To immediately stop discharge of treated effluent in nearby drain which meets River Panchganga and discharge only to the authorised disposal path as mentioned in CCA, i.e. on land for gardening ensuring compliance with the discharge standards.
- 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 of generating continuous & reliable data.
- f. To provide time bound action plan for the project to achieve Zero Liquid Discharge (ZLD).

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, 3<sup>rd</sup> & 4<sup>th</sup> 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, 2<sup>nd</sup> 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,** : for information, please.  
CPCB, Delhi
5. **Divisional Head, IT** : for uploading on CPCB  
CPCB, Delhi website, please.

  
(Bharat Kumar Sharma)

