



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

CPCB/IPC-VII/CETP-Cochin SEZ/ 2719

July 31, 2023

To

The Member Secretary
Kerala State Pollution Control Board,
Plamoodu Jn., Pattom Palace P.O.
Thiruvananthapuram-695 004 (Kerala)

Subject: Directions under section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 regarding non-compliance status of CETP- Cochin Special Economic Zone, Kakkanad, Cochin, Kerala- 682037, Kerala.

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- Cochin Special Economic Zone, Kakkanad, Cochin (herein after referred as CETP) operated by M/s Cochin Special Economic Zone, CSEZ Authority,

‘परिवेश भवन’ पर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाईट/Website : www.cpcb.nic.in

Ministry of Commerce & Industry, Government of India, was inspected by a team of officials from CPCB on 19/05/2023 and the following observations were made:


- i. The CETP (0.6 MLD) has Consent to Operate (CTO) valid till 30.06.2023. However, a new CETP (1.0 MLD) based on ZLD system is constructed adjacent to the existing 0.6 MLD CETP. The CTO for the new CETP (1.0 MLD) has not been granted by KSPCB.
- ii. The CETP (0.6 MLD) is being used as a STP with same set of treatment units. It is connected to the RTDMS (OCEMS) portal of CPCB, however, there is no data availability for more than a year. The OCEMS installed at CETP (0.6 MLD) was calibrated in 2019 and no further effort were made by the project proponent to rectify these issues and ensure connectivity with CPCB/KSPCB.
- iii. OCEMS has not been installed in the new CETP (1.0 MLD).
- iv. At present the effluent from the member unit is treated up-till MBR system in CETP (1.0 MLD) and is discharged to a drain leading to Chithrapuzha river. RO and MEE are not operated as discussions with member units are going on regarding reuse of treated water from the ZLD system.

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

1. KSPCB to ensure compliance of the following by the CETP (1.0 MLD):
 - a. It installs OCEMS as per the CPCB guidelines and provide connectivity to CPCB/SPCB, immediately.
 - b. It utilizes the treated wastewater, recovered through ZLD system and keep a record of the same.
 - c. It installs flow measurement devices for filtration system, RO (feed, reject & permeate) & evaporator (feed, condensate & concentrate) and keeps records of the same.
 - d. It provides requisite system for treatment & disposal of MEE concentrate and maintain records of the same.
2. KSPCB to prescribe the inlet standards for CETP in light of MoEF&CC notification under E(P) Act Rules, 1986, dated 01/01/2016.
3. KSPCB 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.

4. KSPCB to ensure that the old CETP (0.6 MLD), being used as STP, generates continuous & reliable data, by undertaking regular calibration & maintenance of the OCEMS analysers as per standard operating procedures and also incorporates necessary changes in attributes in the OCEMS server.

The action taken by KSPCB 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.
Kerala State Pollution Control Board,
Plamoodu Jn., Pattom Palace P.O.
Thiruvananthapuram-695 004 (Kerala)
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,
A-Block, Nisarga Bhavan,
1st and 2nd Floors, 7th D Cross,
Thimmaiah Road, Shivanagar,
Bengaluru-560079
- ✓ 4. **Divisional Head, IT,** : for uploading on CPCB
CPCB, Delhi website, please.


Member Secretary