



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-MSEZ/ 3042

Date: 18.07.2024

To

The Member Secretary

Karnataka State Pollution Control Board
Parisara Bhavan, 49, Church Street,
Bengaluru – 560 001
(Karnataka)

Subject: Directions under section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974, regarding the non-compliance status of CETP- M/s Mangalore Special Economic Zone Limited (MSEZL), Sy. No 168/3A, Plot No U-1 Administrative Building Mangalore, Special Economic Zone, Bajpe Village, Mangalore taluk, Dakshina Kannada (Dist), Karnataka.

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) is to plan a comprehensive programme for prevention, control or abatement of pollution of streams, wells and air pollution in the State/Union territory and to secure the execution therefore; 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), constituted under the Water (Prevention & Control of Pollution) Act, 1974 is to coordinate activities of the State Pollution Control Boards/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 the cleanliness of streams and wells in different areas of the State; and

WHEREAS, the Central Government has notified the standards for discharge/emissions 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- M/s Mangalore Special Economic Zone Limited (MSEZL), Mangalore Special Economic Zone, Bajpe Village, Mangalore taluk, Dakshina Kannada (Dist), Karnataka (hereinafter referred to as CETP) was inspected by CPCB officials on 08.05.2024 and the following major observations were made:


- I. The CETP has 3.5 MLD capacity located in the MSEZ Zone. The CETP was constructed to treat the effluent generated from fish mill processing industries (Total 04 nos.) located in MSEZ zone.
- II. The CETP consists of an Equalization tank, Dissolved Air Flotation (DAF), Moving Bed Bio-Reactor (MBBR), Extended Aeration, Clarifiers, Thickener, Centrifuge, Decanter, Digester and Final treated water sump.
- III. During the inspection, the CETP was found to be non-operational. It was reported that the CETP had not been operational since April 21, 2024, as the Deputy Commissioner & District Magistrate halted river water lifting for industrial purposes to prioritize drinking water needs. The CETP was maintained in a recirculation stage during this period.
- IV. The CETP was selected for inspection on offline basis, during the period from December 16, 2023, to February 15, 2024. Upon reviewing the online data for this period, it was noted that the pH parameter was offline for 10 days in December 2023 and 10 days in January 2024. Verification of records and information provided by the unit indicated that the pH sensor was not functioning during this time and was subsequently repaired in February 2024.
- V. Treated effluent from the CETP is pumped to a MSEZL combined treated effluent marine outfall collection sump, where treated effluent from the 3.5 MLD CETP, OMPL, and MRPL (Stage-III) is collected in a common sump and pumped to a marine outfall using a common marine outfall facility.
- VI. It is mentioned that, as the CETP was in the recirculation stage, samples were collected only from the MSEZL Combined effluent treated outlet sump. Analysis results indicated that the treated effluent from the common treated effluent collection sump did not complying with respect to Iron, Cyanide and Lead as per the KSPCB standards for marine discharge.
- VII. Display Board at the entrance gate (as per Hon'ble Supreme Court order in WP(C) No. 657 of 1995) was not provided.

AND, NOW, THEREFORE, in exercise of powers conferred under section 18(1)(b) of the Water (Prevention & Control of Pollution) Act, 1974, Karnataka State Pollution Control Board (KSPCB) is hereby directed to take appropriate action, against the reported observations including providing legible display board at the entrance, ensuring continuous & reliable data etc. by the CETP and ensure compliance of the following.

- a. To provide legible Display Board at the entrance gate, in accordance with Hon'ble Supreme Court order in WP(C) No. 657 of 1995, with updated information on water & air emissions and Hazardous waste generated within the CETP premises.
- b. To ensure that data is transferred to the CPCB server continuously.

Further, the KSPCB is also directed to take appropriate action against the concerned unit(s) regarding non-compliance of prescribed standards for the sample collected from the final effluent collection sump (i.e MSEZL Combined effluent treated Outlet sump) discharging into the sea.

The action taken by KSPCB 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.
Karnataka State Pollution Control Board
Parisara Bhavan, 49, Church Street,
Bengaluru – 560 001
(Karnataka)
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,
1st & 2nd Floors, Nisarga Bhawan
A-Block, Thimmaiah Main Road
7th D Cross, Shivanagar
Bengaluru-560010 (Karnataka)
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)

