



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-M/s Indwa Technologies Pvt Ltd/ 3698

Date: 23.08.2024

To

The Member Secretary

Telangana Pollution Control Board
Paryavaran Bhavan
A-3, Industrial Estate, Sanath Nagar,
Hyderabad – 500 018
(Telangana)

Subject: Directions under section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974, regarding the non-compliance status of CETP- Indwa Technologies Pvt. Ltd., Hyderabad, Telangana.

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 (PCC) 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

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, Common Effluent Treatment Plant (CETP) - Indwa Technologies Pvt. Ltd., Sy. No 125/Part, Road No 24, IDA Mallapur, Hyderabad, Telangana (herein after referred as CETP) was inspected by team of CPCB, RD Chennai on 23.04.2024 and the following major observations were made:

- I. The CETP was found operational. The CETP has installed capacity of 2 MLD for the treatment of effluent generated from 236 member units. Presently, CETP receives effluent from only 40-member industries. As per the records, the CETP has received 580 KL (Kiloliters) effluent from 34 member industries on 22.4.2024.
- II. The CETP has obtained Consent to Operate (CTO) & Hazardous Waste authorization by Telangana Pollution Control Board (TGPCB) which was valid up to 31.03.2024. The CETP has applied for renewal of CTO & Hazardous waste authorization to TSPCB on 29.12.2023 and same is yet to receive by the CETP.
- III. As per the CTO, the CETP shall collect low total dissolved solids effluent having TDS <5000 mg/L and COD <15,000 mg/L from their member units for treatment. It was observed that TGPCB has only specified the inlet norms for TDS and COD in the CTO.
- IV. The CETP receives effluent through tankers. The CETP comprises of collection tank, bar Screen, grit chamber, oil & grease tank, equalization tank, flash mixer, Flocculator, Primary Sedimentation Tank, Aeration Tank, Secondary Settling Tank, sludge collection tank, intermediate storage tank, Pressure Sand, Activated Carbon Filters, and guard pond.
- V. During inspection, effluent samples were collected from both the inlet and outlet of the CETP and analyzed at the TSPCB laboratory. The analysis results reveals that the CETP meets prescribed inlet standard and outlet discharge in the CTO.
- VI. The CETP has installed electromagnetic flow meters at inlet and outlet of the CETP. However, the inlet flow meter is not connected to CPCB RTDMS portal.
- VII. It was informed that there was a connectivity issue w.r.t software and with the service provider. The CETP had changed the service provider in June, 2023, still there was issue with connectivity and transfer of data from service provider server to CPCB RTDMS portal from the period June 2023 to November 2023.
- VIII. The unit has installed OCEMS for monitoring pH, BOD, COD & TSS at the outlet of CETP. During inspection, the online analyzers were working, it was observed that analyzers were calibrated in the month of February, 2024.
- IX. During the inspection, effluent samples were collected from the outlet between 12:00 and 12:15 PM. The samples were compared to the readings displayed on the RTDMS portal for the same time period, revealing a discrepancy ranging from 14% to 64% between the manual analysis and the analyzer/OCEMS -recorded values.
- X. As per the records maintained by CETP for sludge generation and sludge disposal, CETP generated about 6-7 Tons/day and disposes to TSDF, Dundigal as per the condition of hazardous waste authorization.

XI. The CETP has installed a display board with details of consent orders, the quantity of effluent received, treated and hazardous waste generated, the quantity accumulated, and the standards for the same. However, the display board was installed inside the premises.

AND, NOW, THEREFORE, in exercise of powers conferred under Section 18(1)(b) of the Water (Prevention & Control of Pollution) Act, 1974, Telangana Pollution Control Board (TGPCB) is hereby directed to take appropriate action, against the reported observations and to ensure compliance of the following:

- a. The CETP operates with valid Consents and authorisation under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- b. To undertake regular calibration & maintenance of the OCEMS analyzers as per standard operating procedures so as to ensure the generation of continuous & reliable OCEMS data.
- c. To provide the connectivity of inlet flow meter to CPCB sever and also to ensure regular operation, connectivity and transfer of data of OCEMS to CPCB Server. Efforts be made to transfer the missing data from June, 2023 to November, 2023 to RTDMS portal.
- d. To provide Display Board at the entrance gate, in accordance with Hon'ble Supreme Court order in WP(C) No. 657 of 1995.

Further, TGPCB is hereby also directed to specify the required inlet norms for CETP in addition to TDS and COD in accordance to the Notification dated 01.01.2016 and to examine all operational member industries who are not discharging the final effluent to CETP.

The action taken by TGPCB 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.
Telangana Pollution Control Board
Paryavaran Bhavan
A-3, Industrial Estate, Sanath Nagar,
Hyderabad – 500 018
(Telangana)

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,
2nd Floor, 40-E, BSNL Building,
TVK Industrial Estate, CIPET Road,
Guindy, Chennai – 600032.
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)

