



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

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August 21, 2024

To,

The Member Secretary,
Telangana State Pollution Control Board,
Payavaran Bhawan, A-III, Industrial Estate,
Sanath Nagar, Hyderabad
Telangana - 500018

Directions under section 18(1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981 in the matter of M/s Ganpati Sugar Industries Limited, Fasalwadi/Kulubgoor (V), Sangareddy (M), Sangareddy District, Telangana-reg.

WHEREAS, under section 16 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section 16 of the Air (Prevention & Control of Pollution) Act, 1981, one of the functions of the Central Pollution Control Board (CPCB), constituted under 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, the Central Government has notified the standards for discharge of environmental pollution from various categories of industries under the Environment (Protection) Act, 1986 and the Rule framed there under; and

WHEREAS, the SPCBs/PCCs can stipulate stringent standards for discharge of environmental pollution from various categories of industries than those notified by the Central Government, under the Environment (Protection) Act, 1986 and Rules framed there under; and

WHEREAS, the inspection of **M/s Ganpati Sugar Industries Limited**, Fasalwadi/Kulubgoor (V), Sangareddy (M), Sangareddy District, Telangana (hereinafter referred as 'the Unit') was carried out on 20.05.2024 by the team of CPCB under "Environmental Surveillance of 17 categories of high pollution potential industries and common facilities" based on OCEMS data programme. The major observations made by the inspection team are as follows:

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Parivesh Bhawan, East Arjun Nagar, New Delhi - 110032

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

1. The Unit was involved in Sugar manufacturing with a production capacity of 500 TPD and Cogen plant of capacity 15 MW.
2. The Unit has obtained Consent to Operate (CTO) under the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 from Telangana Pollution Control Board, with validity up to 31/10/2026 and the validity of the Authorization is up to 31/10/2026.
3. The unit was non-operational on the day of inspection due to end of crushing season.
4. The Unit has installed an ETP of capacity 500 KLD. The walls of the sludge drying beds were found damaged.
5. A bypass line was observed at the inlet of ETP carrying domestic wastewater (Handwash etc.) to the unlined lagoon located within the industry premises.
6. The Unit has both lined and unlined lagoon. It was reported that no storage was found in the lined lagoon, however water stagnation was observed in the unlined lagoon where huge growth of aquatic plants was noticed.
7. The Unit informed that, the unlined lagoon is used for storing treated wastewater and the water from this lagoon is being used for irrigation and gardening purposes. However, it has been reported that a pipeline connection was observed from this lagoon to nearby natural storm water drain.
8. The inspection team collected the sample from the unlined lagoon and the lab result showed pH-7.86, TSS-69 mg/l (against 200 mg/l), TDS=1791 mg/l (against 2100 mg/l), COD-268 mg/l (against 250 mg/l), BOD-46 mg/l (against 100mg/l).
9. The Unit has provided ash silo with capacity of 15 tons, however open storage of ash was observed.
10. The ETP sludge is disposed along with press mud to utilize as fertilizer, whereas as per the consent, sludge should be disposed to brick manufactures or TSDF.
11. The waste oil generated is burnt in boiler along with the bagasse, however as per the consent it should be disposed through authorized recyclers.
12. The Unit has no dedicated storage and records for generation, storage and disposal of Hazardous Waste.
13. No proper storage facility is provided for press mud and the same is presently being stored in open area.
14. Telangana State Pollution Control Board(TSPCB) has stipulated the discharge standards for pH and TSS parameters in consent order dated 09.12.2022 which are more relaxed than the MoEF&CC notified standards for Sugar industry [G.S.R. 35(E) dated 14.01.2016].
15. The Unit has not complied with the consent order dated 09.12.2022 condition stipulated at Schedule-B of S.No. 5 i.e "The industry shall

Direction under section 18(1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981.

dismantle all the unlined lagoons and the treated effluent shall be stored in lined lagoons only".

WHEREAS, it is evident from the above observation that the Unit has provided a bypass line carrying domestic wastewater (mostly handwashing water) to the unlined lagoon and violating the consent conditions through storing treated water in unlined lagoon, non dismantling of unlined lagoon, burning of used oil instead of disposal through Authorized agencies, use of ETP sludge to make fertilizer against consent condition for disposal to brick manufacturers/TSDF, open storage of ash and has no dedicated storage area & logbook records for Hazardous Waste. It is also observed that the prescribed standard to the said Unit for pH and TSS parameters in the consent order are more relaxed than the MoEF&CC notified standard; and

NOW, therefore, in exercise of the powers conferred under Section 18(1) (b) of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981; the **Telangana State Pollution Control Board (TSPCB) is hereby directed to take immediate action against the Unit [M/s Ganpati Sugar Industries Ltd., Fasalwadi/Kulubgoor (V), Sangareddy (M), Sangareddy District, Telangana]** for violating the consent conditions including levying environmental compensation, as appropriate, and:

1. Ensure necessary amendments in the consented effluent discharge standards of the said Unit for pH and TSS parameters as per the standards issued by MoEF&CC vide gazette notification G.S.R. 35 (E) dated 14.01.2016 for Sugar industries.
2. Re-asses the conditions of mode of use/disposal of used oil and ETP sludge and accordingly make necessary amendment in the consent conditions in this regard for its compliance by the said Unit.
3. Ensure compliance of the following by the Unit [M/s Ganpati Sugar Industries Ltd., Sangareddy, Telangana]:
 - i. The Unit shall dismantle/level the unlined lagoon before the start of next crushing season and shall submit the compliance report to SPCB.
 - ii. The Unit shall submit the groundwater monitoring report from borewells/piezometric wells installed near unlined lagoon area and around the unit.
 - iii. The Unit shall dismantle the bypass line carrying the wash water in unlined lagoon.
 - iv. The Unit shall not discharge any untreated water outside the premises.
 - v. The Unit shall set up a dedicated storage area for storage of Hazardous Waste (HW) and maintain the complete logbook record of HW generated and disposed.

Direction under section 18(1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981.

- vi. The Unit shall store the ash as per the consent conditions and shall not store the ash in open.
- vii. The Unit shall prepare an irrigation management plan (IMP) for utilization of its treated wastewater in irrigation as per the CPCB guidelines.

The action taken report shall be sent by TSPCB to the CPCB within 30 days from the date of receipt of these directions. TSPCB shall also acknowledge the receipt of this direction to CPCB within 15 days from the date of the receipt and should keep strict follow-up of the Unit during non-crushing season to ensure complete compliance of the direction.



(BHARAT KUMAR SHARMA)
MEMBER SECRETARY

Copy to:

1. **The Chairman** : For information please
Telangana State Pollution Control Board, Payavaran Bhawan, A-III, Industrial Estate, Sanath Nagar, Hyderabad
Telangana - 500018
2. **The Regional Director,** : For information and follow-up please.
Regional Directorate, CHENNAI Central Pollution Control Board
Second Floor, No.77-A, South Avenue Road, Ambattur Industrial Estate, Ambattur Taluk, Thiruvallur District, Chennai, Tamil Nadu - 600 058
3. **The Director (CP Division),** : For information please.
Ministry of Environment, Forests & Climate Change, Prithvi Block, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 110 003
4. ✓ The Div. Head, IT Division, CPCB Delhi : To upload direction at CPCB Website, please.
5. The Div. Head, IPC-VI Division, CPCB Delhi : For information please.



(BHARAT KUMAR SHARMA)

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