

SPEED POST

B-190197/WQM-II/RG/CPCB/SUGAR/79/2018-19

May 18th, 2018
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To,
M/s Vishnu Sugar Mills Ltd., Gopalganj,
Bihar-841428

**DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT,
1986-NOTICE THEREOF**

WHEREAS, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, the Ministry of Environment & Forests, Govt. of India, vide notification S.O.157(E) of 27.02.1996 has delegated powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board (CPCB), to issue direction to any industry, Municipal Corporation, Municipal Council, Cantonment Board to any local or other Authority for the violation of emission and effluent standards notified under the Environment (Protection) Rules, 1986; and

WHEREAS, it is obligatory on the part of industries to install Effluent Treatment Plants (ETPs) to comply with the effluent discharge standards as notified under the Environment (Protection) Act, 1986 and the Rules framed thereunder and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

WHEREAS, M/s Vishnu Sugar Mills Ltd., Gopalganj, Bihar (hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

WHEREAS, CPCB issued direction dated 02.11.2017 under section 5 of Environment Protection Act, 1986 to the Unit to comply with the following directions;

1. The Unit shall start its operation only after obtaining valid consent from the concerned State Pollution Control Board.
2. The Unit shall submit the action plan within 15 days to implement the recommendations (including general observations) of the adequacy report.
3. The Unit shall install & Commission ETP system up to tertiary treatment level including adequate treatment system for spray pond overflow effluent in case of double sulphitation process (Brine recovery system to be installed in case of sugar refinery having Ion Exchange Process for sugar melt de-colorization).

(Contd..2/-)

4. The Unit having high pressure boiler (>45 Kg/cm²) shall install & Commission Condensate Polishing Unit (CPU) within 45 days for treatment of condensate water to ensure its reuse & recycle within the process.
5. The Unit shall restrict the effluent storage capacity to 15 days.
6. The Unit shall utilise treated effluent meeting the prescribed norms for irrigation as per the irrigation management plan validated by expert institutions namely, NSI, Kanpur/ VSI, Pune/ Agricultural Institutions.
7. The Unit shall implement the observation and recommendation of the adequacy report within 45 days.
8. The Unit shall get the verification of implement status of the recommendation of adequacy report including ETP performance assessment & effluent generation assessment done by the same institute which carried out adequacy assessment and submit the report to CPCB within 45 days from date of resumption of manufacturing operations.
9. The analysis result of the treated effluent shall also be submitted within 45 days through EPA recognised laboratories.
10. If the Unit fails to provide the verification report duly validated by the expert institutions, the Unit shall automatically stop all its manufacturing operations after 45 days from date of resumption of manufacturing operations.

AND WHEREAS, the Unit (M/s Vishnu Sugar Mills Ltd., Gopalganj, Bihar) was inspected on 07.01.2018 by officials from CPCB and following observations are made;

1. During inspection both unit & ETP found operational.
2. The Unit has valid consent under Water (Prevention and Control of Pollution) Act, 1974 & Air (Prevention and Control of Pollution) Act, 1981 up to 30.06.2018.
3. Industry has installed full-fledged ETP based on Primary, Secondary & Tertiary treatment process. ETP comprises of oil skimmer, Equalization tank, Primary clarifier diffuse Aeration tank, Secondary Clarifier, Activated Carbon filter, Sand filter and Sludge drying beds.
4. During inspection, ETP samples were collected from Aeration tank and outlet of ETP to assess the performance of ETP. Analysis of ETP outlet effluent sample showed pH 7.81 (against norms 5.5-8.5), BOD 06 mg/L (against norms 30 mg/L), COD 58 mg/L (against norms 30 mg/L) and TSS 14 mg/L (against norms 30 mg/L). However, MLSS and MLVSS in aeration tank are **348 mg/l and 322 mg/l**, which indicate the improper stabilization of aeration tank.
5. OCEMS system installed and connected to CPCB/SPCB servers.
6. Treated effluents are stored in lagoon and utilized in cleaning and irrigation purposes.
7. The unit has not submitted the irrigation management plan validated by expert institutes namely NSI, Kanpur/VSI, Pune/Agricultural institute.

It is evident that the aeration tank of ETP system is not properly stabilised due to poor operation and maintenance of ETP system.

(Contd..3/-)

AND NOW, THEREFORE, in view of above observation and in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, notice is served herewith to **show cause why the Unit** (M/s Vishnu Sugar Mills Ltd., Gopalganj, Bihar) **should not be closed down** until all the necessary pollution control measures are planned and implemented so as to comply with the directions dated 02.11.2017 and also to comply with the prescribed effluent discharge standards notified under Environment (protection) Act, 1986 to the satisfaction of CPCB and also **why appropriate environmental compensation not be imposed**.


You are hereby given an opportunity to file your objections (if any) to the above proposed direction within 15 days from the receipt of this notice, failing which appropriate action shall be taken against the Unit without giving any further notice, in accordance with provisions of the Environment (Protection) Act, 1986.


(S. P. SINGH PARIHAR)
CHAIRMAN

Copy to:

1. **Member Secretary**
Bihar Pollution Control Board,
Parivesh Bhawan, Plot No. Ns-B/2
Patliputra Industrial Area,
Patliputra, Patna (Bihar) - 800023
2. **Joint Secretary (CP Division)**
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan, Jorbagh
Road, new Delhi- 110003
3. **District Magistrate**
Gopalganj, Bihar-843327
4. **Regional Director**
Regional Directorate,
Central Pollution Control Board,
Southern Conclave, Block-502, 5th & 6th Floor,
1582 Rajdanga Main Road
Kolkata-700107 (W.B.)
5. The In-charge IPC-III Division, CPCB Delhi
6. ✓ The In-charge, IT Division, CPCB Delhi
7. Master file/Guard file, WQM II, CPCB Delhi

: For kind information,
please.


(A SUDHAKAR)
MEMBER SECRETARY