

Speed Post

B-458/PCI-III/DIST /2k16-17

13th September, 2017

To,

**M/s Karthik Agro Industries Pvt. Ltd (Distillery Unit),
No. 65, Sector 18, Near Govt. Hospital,
Navnagar, Bagalkot-587101, Karnataka**

Sub.: DIRECTIONS (SHOW CAUSE NOTICE) UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986-Reg.

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 there under and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

WHEREAS, the unit was inspected by the CPCB Regional Directorate, Bangalore, on 22.07.2017 for compliance verification & evaluation of online monitoring system and following observations were made during the inspection;

1. M/s Karthik Agro Pvt. Ltd., Navanagar, Bagalkot, Karnataka is engaged in the production of Rectified Spirit (RS) by using raw materials either 'Molasses' or 'Food grains' in the tune of 65 KLD.
2. The unit has a valid consent to operate under Water and Air act, and valid up to 30.06.2021 for producing 65 KLD of Rectified Spirit (RS)/ Extra Neutral Alcohol (ENA)/ Anhydrous Alcohol.
3. Effluent treatment system for spent wash comprises of Bio-digester and MEE. The concentrated spent wash having 30% solids are mixed with decanted sludge and the same being sold as cattle feed.
4. The spent lee from RS column being used as process water for making slurry before feeding to fermentation tank. The MEE condensate, boiler blow down and cooling tower blow down and vessel washing water in the tune of 360 KLD is being treated in the ETP comprises of collection tank, Equalization tank, 2 stage aeration cum clarifier, Multi grade filter, activated carbon filter and treated water collection tank. During inspection Equalization tank was under maintenance, the effluent from different section was being feeded to first stage aeration tank.

5. No water meter is installed to quantify the water utilised for different purposes. The unit has installed flow meter at the out let of ETP which is yet to be connecting to CPCB server.
6. The team has collected the samples from inlet, outlet as well as from the aeration tank to verify the adequacy of treatment system. ETP outlet sample analysis shows pH- 6.3(norms- 5.5-8.5), TSS-32 mg/l(norms-100 mg/l) and **BOD-124 mg/l(norms-100 mg/l) indicating non-compliance with respect to BOD discharge norms.** The Characteristics of inlet to ETP COD- 20,800 and BOD-34,560) & MLSS of Aeration Tank-II-74 indicates non representative performance of ETP.
7. Continuous Effluent Monitoring System is connected to CPCB server for ETP Parameters, the data available with unit & CPCB portal was found the same, and it is informed that due to non-availability of net connectivity the data not being transferred continuously. However during inspection the data being continuously transferred to CPCB portal.

NOW, THEREFORE, in view of the above observations 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 should not be closed down** till it complies with the following directions:

- i. To provide stand by equalization tank & to ensure homogenation of effluent before feeding to first stage of aeration system.
- ii. To ensure proper O& M of ETP and Emission Control device and deploy trained manpower to achieve optimum performance towards compliance of prescribed limit of KSPCB.
- iii. The unit shall submit adequacy assessment report in respect of 1) MEE system for achieving desired 30% solids concentration and 2) ETP adequacy report under both the process shift using molasses and grain.
- iv. To ensure adequate network facility for smooth dissemination of real time date to CPCB server.
- v. To take immediate steps to connect flow meter installed at the outlet of ETP with CPCB server.
- vi. To perform regular calibration of OCEMS analyzer to ensure reliable operation of instrument.
- vii. To ensure installation of flow meter at all water abstraction points (Bore wells) and separate energy meter for ETP.
- viii. To restrict the storage capacity of raw spent wash as well as concentrated spent wash storage tank to 3 days as per KSPCB consent conditions.

Time bound action plan for compliance of above directions shall be submitted within 15 days of receipt of this notice. In case of failure to comply with the said directions necessary 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. **The Member Secretary**
Karnataka State Pollution Control Board,
"Parisara Bhavan"
4th & 5th Floors, # 49, Church Street,
Bangalore-560 001
2. **The Advisor (CP Division)**
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi - 110 003
3. **The Regional Director,**
CPCB Regional Directorate
Nisarga Bhawan, 1st & 2nd Floor,
Jhimmaiah Road, 7th D-cross
Shivanagar, Opp. Pushpanjali Theatre
Bangalore - 560 010
4. The Divisional Head, IPC-III Division, CPCB
5. The In-charge, IT Division, CPCB



(A. SUDHAKAR)
MEMBER SECRETARY