

Speed Post

B-190198/NGRBA(RG)/CPCB/Distillery/6/2016-17 17950

Feb 23, 2018

To,

**M/s Wave Distilleries & Breweries Ltd.,
Vill.-Ahmadpura, Ramghat Road,
Tehsil-Atrauli,
Distt. Aligarh-202002 U.P.**

SHOW CAUSE NOTICE UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986

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 Wave Distilleries & Breweries Ltd., (Distillery Division) U.P. (hereinafter referred as 'the Unit') is involved in the manufacturing process of extra neutral alcohol and rectified spirit using molasses as raw material ; and

WHEREAS, the unit was inspected by the officials of Central Pollution Control Board (CPCB) dated 15.12.2016.

WHEREAS, CPCB issued direction dated 02 June, 2017 under section 5 of Environment Protection Act, 1986 to the unit to comply with the following;

1. The unit shall submit following reports duly validated by reputed institutions like National Sugar Institute, Kanpur, Vasantdada Sugar Institute, Pune and IITs to CPCB and UPSCB within 60 days:

(Contd..2/-)

- a) Assessment of the manufacturing technology for generation of spent was and adequacy assessment of ZLD system comprising of Biomethanation, RO, MEE, composting/incineration system and steam availability, etc.
 - b) Water audit and mass balance reports to establish spent wash generation rate,
 - c) Action Plans to achieve Zero Liquid Discharge(ZLD),
 - d) To restrict lined effluent storage capacity to 30 days, and
 - e) Assessments of availability of press mud, compost yard, composting process, sell of compost and compost quality.
2. The unit shall install mass flow meters with totalizers at inlet of ROs/MEE, outlet of MEE and to make arrangement for continuous online transmission of spent wash flow measurements (namely Weak Spent Wash, Strong Spent Wash)/ web camera data of Spent Wash generation, concentration & MEE operation by providing linkage to CPCB & UPPCB servers within 75 days.
 3. The unit shall identify recipient drains/ rivulets and their u/s & d/s locations in consultation with UPPCB for monthly monitoring by industry to ensure ZLD from distilleries within 30 days. The monitoring report shall be submitted to CPCB on monthly basis.
 4. The unit will provide documentary support for procurement/ availability of press mud, sell of compost and compost quality on monthly basis (by 10th of every month) to CPCB/UPPCB.

WHEREAS, the unit submitted adequacy assessment report dated 22.11.2017 prepared by NSI, Pune and as per the adequacy assessment the following observations are made;

1. The unit has adopted semi continuous fermentation process with MPR technology.
2. The unit has quintuple effect multi effect evaporator system followed by finisher.
3. The spent wash generation is estimated to be 8.14 L/L of alcohol production
4. The concentrated spent wash is burnt in the incinerator boiler along with the rice husk as the supporting fuel.
5. The unit has installed web cameras as per CPCB direction and provide its connectivity to CPCB server.
6. The unit has installed mass flow meter with totalizer at the inlet and outlet of MEE.
7. The unit has identified River Kali at the u/s and d/s of the unit.

AND WHEREAS, the unit has not complied with the following CPCB direction issued dated June 02, 2017;

1. The unit has not provided the connectivity of mass flow meter at the inlet and outlet of MEE within 75 days from the date of issuance of direction.
2. The unit has not carried out monitoring of the identified recipient rivulets at & d/s location through Environment Protection Act, 1986 recognised lab and shall submit the analysis report on monthly basis (by 10th of every month) to CPCB.

AND WHEREAS, the unit is required to implement following measures besides other pollution control measures:

(Contd..3/-)

1. To establish connectivity of mass flow meters for continuous online transmission of spent wash flow measurement (namely weak spent wash, strong spent wash) to CPCB & UPPCB servers within 15 days from the date of issue of direction.
2. To provide copy of records of alcohol/rectified spirit production, spent wash generation (namely weak spent, strong spent wash) details of MEE operations, mass flow meter readings connected with CPCB server etc. on monthly basis (by 10th of every month) to CPCB/UPPCB in the prescribed format(*enclosed*).
3. To carry out monthly monitoring of identified recipient rivulets and their u/s & d/s locations through lab recognised under Environment (Protection) Act, 1986 and shall submit the analysis report on monthly basis (by 10th of every month) to CPCB.
4. To submit the implementation status report of action taken against the recommendation of adequacy report within 15 days and shall submit the revalidated adequacy assessment report carried out by the institute which has conducted adequacy of assessment and submit the reports within 45 after the issue of the direction.

AND NOW, THEREFORE, in view of the unit's non-compliance to CPCB directions dated 02, June 2017, 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 appropriate environmental compensation be not imposed on the unit (M/s Wave Distilleries & Breweries Ltd., (Distillery unit) and why the unit 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 June, 2017 to the satisfaction of CPCB.

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 the provisions of the Environment (Protection) Act, 1986.

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(S. P. SINGH PARIHAR)
CHAIRMAN

Copy to:

1. The Chairman

Uttar Pradesh Pollution Control Board,
Building No. TC-12V, Vibhuthi Khand,
Gomti Nagar, Lucknow – 226 010

With request to ensure that the unit
complies with the directions.

2. The Incharge (CP Division)

Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110 003

: For Kind information, please.

(Contd..4/-)

3. The Regional Director

Regional Directorate
Central Pollution Control Board
PICUP Bhawan, Ground Floor, Vibhuti Khand,
Gomti Nagar, Lucknow – 226 010

: For follow up and ensuring
compliance

4/ The In-charge, IT Division, CPCB

5. Master file/Guard file WQM II, CPCB



(A SUDHAKAR)
MEMBER SECRETARY

Central Pollution Control Board Format for evaluation of Distillery ETP performance

Address:

Capacity of the distillery: _____ KLPD, _____ Lac lit/annum

Distillery ETP Configuration: ----- + ----- + ----- + -----

| Spent wash concentration section | | | | | | | | | | | | |
|----------------------------------|--------------------------|---|-------|---|-----------------------------|--|---|---------|-------------------------------|--|-------------------------------|---|
| Date | Total alcohol production | Raw Spent wash generation as per online mass flow meter | | Spent wash generation per liter of alcohol produced | Raw Spent wash Total Solids | Cumulative Raw Spent wash generation as per online mass flow meter totaliser | Conc. Spent wash generation as per online mass flow meter | | Conc. Spent wash Total Solids | Cumulative Conc. Spent wash generation as per online mass flow meter totaliser | Condensate quantity generated | |
| | | Lits/day | MT/Hr | | | | MT/Day | Lit/Lit | | | | % |
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Note- Where per day data is not available, distillery can provide per month or per two months data

Central Pollution Control Board Format for evaluation of Distillery ETP performance

Format-2 For Distillery (Bio-composting/Incineration section)

Name of the distillery:

Address:

Capacity of the distillery: _____ KLPD, _____ Lac lit/annum

Distillery ETP Configuration: ----- + ----- + ----- + -----

| Date | BIOCOMPOSTING | | | | | | | | | | | | | | | INCINERATION BOILER | | | | | | | | |
|------|-------------------------------|----------------------------------|-------------|-------------------------------------|-------------------|-------------|---|--|------------|------------|----------------------|------------------------|-------|-------|-------|---------------------|---|--------|---|--------|---|--------|-----------------------|--|
| | Press Mud Cake (PMC) Procured | Press Mud Cake (PMC) consumption | | Concentrated Spent wash consumption | | | Concentrated spent wash to PMC ratio achieved | Distance travelled by aerotiller machine | | | Bio-compost Produced | Quality of Bio-compost | | | | Bio-compost Sold | Slop (Concentrated spentwash) feed to the incinerator | | Subsidiary fuel feed to the incinerator | | Steam Generation from incineration boiler | | | |
| | | MT | MT/ Windrow | MT/ Month | Totalizer Reading | MT/ Windrow | MT/ Month | | M-1 Km/day | M-2 Km/day | M-3 Km/day | MT/ Annum | N (%) | P (%) | K (%) | Moisture (%) | MT/ Annum | MT/ hr | Totalizer reading, MT | MT/ hr | Totalizer reading, MT | MT/ hr | Totalizer reading, MT | |
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Note- Where per day data is not available, distillery can provide per month or per two months data. Fill-in only applicable data