

SPEED POST

B-190198/NGRBA(RG)/CPCB/Distillery/45/2016-17

January 2nd, 2018

To,

M/s A.B. Mauri India Pvt. Ltd.,
Chandmari More, P.O. – Gayeshpur Kalyani,
Dist. - Nadia, West Bengal – 741234

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, Government of India, vide notifications No. S.O. 157 (E) of 27.02.1996 and S.O. 730(E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local body or any other authority for violations of the standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof; 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 A.B. Mauri India Pvt. Ltd., West Bengal (hereinafter referred as 'the Unit') is involved in the process of yeast production using dilute molasses as raw material; and

WHEREAS, CPCB issued directions dated 06.04.2017 to close down the unit until installation of required online monitoring devices and providing the required connectivity to CPCB; and

WHEREAS, the unit vide letter dated 05.05.2017 informed that the unit has connected online monitoring devices to CPCB server and the same has been verified by the IT division in CPCB; and

WHEREAS, CPCB issued revocation direction dated 24-05-2017 under Section 5 of the Environment (Protection) Act, 1986, to the unit, along with direction for compliance 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 SPCBs within 60 days:

(Contd.2/-)

- a) Adequacy assessment of the manufacturing technology and 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 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 & SPCBs servers within 75 days.
 3. The unit shall identify recipient drains/ rivulets and their u/s & d/s locations in consultation with the industry & SPCBs for monthly monitoring by industry to ensure ZLD from distilleries within 30 days.
 4. The unit provide documentary support for procurement/ availability of press mud, sell of compost and compost quality on monthly basis (by 10th of every month) to SPCB/CPCB.

AND WHEREAS, the unit submitted adequacy assessment report prepared by VSI, Pune on 19.09.2017 and as per the adequacy assessment report, following observations are made;

1. The unit is having yeast production capacity of 12 TPD with average waste water generation of 222.51 KLPD.
2. The unit has adequate capacity of ETP for production of 12 TPD compressed yeast.
3. The vinasse dryer as final effluent treatment system of 700 kg/hr capacity is adequate to treat the effluent and achieve ZLD.
4. The unit is yet to complete the installation of mass flow meters along with IP static cameras at PTRO feed, MEE inlet and outlet.
5. The performance of the biodigester is less than desired. The biomethanation plant requires revamping in next 1-2 years.
6. The unit has two aeration tanks but the performance of aeration treatment is found ineffective in reducing COD and BOD. Hence, unit may directly send biomethanated effluent to RO system instead of aeration treatment.

AND WHEREAS, the unit has not complied with the following CPCB directions issued on 24.05.2017 issued under section 5 of Environment (Protection) Act, 1986:

1. The unit has not completed the installation of mass flow meters along with IP static cameras at the PTRO feed, MEE inlet and outlet.
2. The unit has not provided 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.
3. The unit has not provided names of the recipient drain and its u/s & d/s locations.
4. The unit has not carried out monitoring of the identified recipient drain at u/s & d/s locations through lab recognised under Environment (Protection) Act, 1986 and has not submitted the analysis report on monthly basis (by 10th of every month) to CPCB.

(Contd.3/-)

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

1. To complete the installation of mass flow meters at inlet and outlet of MEE and connect with CPCB/WBPCB servers for continuous online transmission of flow measurement data of spent wash generation, concentration.
2. To install mass flow meters along with IP static camera at the Plate Type Reverse Osmosis (PTRO) feed and establish connectivity with CPCB/WBPCB servers as per recommendations of adequacy report.
3. To provide copy of records of compressed yeast production, waste water (vinasse) generation (namely weak, concentrated), details of MEE operations, details of vinasse dryer operation, mass flow meter readings connected with CPCB server etc. on monthly basis (by 10th of every month) to CPCB/WBPCB in the prescribed format.
4. To carry out monthly monitoring of the identified recipient drain at u/s & d/s locations through lab recognised under Environment (Protection) Act, 1986 and to submit the analysis report on monthly basis (by 10th of every month) to CPCB/WBPCB.
5. To submit the implementation status report of action taken against the recommendations of adequacy report within 15 days and to submit the revalidated adequacy assessment report carried out by the institute which has conducted adequacy of assessment and submit the reports within 45 days after resumption of operation.

AND NOW, THEREFORE, in view of the unit's non-compliance to CPCB directions dated 24-05-2017, 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 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 24-05-2017 to the satisfaction of CPCB and also **why not impose appropriate environmental compensation charges and to initiate criminal prosecution against the Unit Head.**

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. **The Chairman**
West Bengal Pollution Control Board
Paribesh Bhavan, 10A,
Block-L.A., Sector III,
Salt Lake City, Calcutta - 700 098

: For information & ensuring
compliance of the directions.

(Contd.4/-)

2 **The Advisor (CP Division)** : For information please
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110 003

3 **The Regional Director,** : For information please
CPCB Regional Directorate,
Southern Conclave, Block 502,
5th & 6th Floors
1582 Rajdanga Main Road
Kolkata - 700 107 (W. B.)

✓ 4. The Div. Head, 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
 Format For Distillery

Name of the Unit: _____
 Address: _____
 Capacity of the Unit: _____ TPD, _____ MT/annum

Date	Raw wastewater (vinasse) generation as per online mass flow meter		Raw wastewater (Vinasse) Total solids	Cumulative Raw wastewater generation as per online mass flow meter	Conc. wastewater (vinasse) generation as per online mass flow meter		Conc. Wastewater Total Solids	Cumulative Conc. wastewater generation as per online mass flow meter	Condensate quantity generated	Concentrated vinasse consumption in Double Drum Dryer	Dry Vinasse produced	Quality of dry vinasse used as fertilizer				Dry Vinasse sold as animal feed			
	MT/Hr	MT/Day			%	MT						MT/Hr	MT/day	%	MT		N (%)	P (%)	K (%)

Note- Where per day data is not available, distillery can provide per month or per two months data

