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June 14, 2018  
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To,

M/s Unnao Distilleries and Breweries Ltd.,  
Sekhpur, Unnao-Kanpur  
U.P. 209801

**DIRECTION 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. Unnao Distilleries and Breweries Ltd., (Distillation Unit) ,Uttar Pradesh (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**, CPCB issued direction dated 09.011.2017 under Section 5 of the Environment Protection Act, 1986 to comply with the following directions:

1. The unit is allowed to operate for 60 days as a restricted capacity of 13 KLD against of installed capacity of 15 KLD and within this period the unit shall complete the installation and connectivity of the mass flow meter to CPCB.
2. The unit shall submit ground water quality analysis report of the nearby areas on quarterly basis in coordination with UPPCB.
3. The existing PMC to RO reject mixing ratio of 1:3.0 should be brought down to 1:1.6 for bio-composting of concentrated BMSW of 30° brix.

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4. Based on the conc. BMSW discharge, bio-compost yard area should be increased from existing 1.60 acres to 2.30 acres for operation of bio-composting process for 270 days.
5. After commissioning of analyser column reboiler and SMEE plant as well as addition of about 0.50 acres of impervious bio-compost yard (as per CREP norms) the performance of the total effluent treatment plant shall be evaluated by the institute which has conducted adequacy assessment of the unit.
6. The unit shall 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 10<sup>th</sup> of every month) to CPCB/UPPCB.
7. The unit shall identify recipient drains/rivulets and their u/s & d/s locations in consultant with UPPCB and shall carry out monthly monitoring of the identified recipient drains at u/s & d/s location through lab recognised under Environment (Protection) Act, 1986 and shall submit the analysis report on monthly basis ( by 10<sup>th</sup> of every month) to CPCB/UPPCB.
8. The unit shall use concentrated spent wash: press mud ratio of 1.6:1 and shall provide documentation support for procurement/ availability of press mud, sell of compost and compost quality on monthly basis (by 10<sup>th</sup> of every month) to CPCB/UPPCB.
9. The unit shall 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 days after resumption of operation.

**AND WHEREAS**, the unit's reply vide letter dated 12/03/2018 was examined and following observations are made;

1. The unit has submitted the analysis report of ground water.
2. The unit has increased its bio-composting area by 1.8 acres from existing 1.6 acres, totalling a bio-compost area of 3.4 acres.
3. The unit has installed re-boiler to analyser column.
4. The unit has not submitted the required documents, as the plant was operated in a sporadic manner.
5. Due to the intermittent closure of plant, the adequacy assessment for re-validated has not been done yet.

**AND WHEREAS**, the unit was inspected by the officials of CPCB Lucknow, dated 23.4.2018 for the compliance verification and following observations are made;

1. The unit was operational at 13 KLD capacity as per CPCB direction.
2. The unit has installed mass flow meters at the inlet and outlet of MEE and the connectivity of also verified by IT division in CPCB.
3. The unit is submitting the ground water quality analysis report regularly.

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4. The unit regularly provides the data of alcohol/rectified spirit production, spent wash generation (namely weak spent, strong spent wash) details of MEE operations.
5. The unit has not provided any analysis report of the recipient drain yet.
6. As per the data available the unit is using PMC: RO reject/MEE Concentrate in the ratio of 1:1.25.
7. The unit has already initiated action by increasing the area by 1.8 acres from existing 1.6 acres, having a total bio-compost area of 3.4 acres.
8. The unit has not submitted the re-validated adequacy report as per CPCB direction. In this regard, the unit has made request to VSI, Pune to carry out the re-assessment of adequacy report.

**AND WHEREAS**, The Three member committee in its meeting held on 08.06.2018 examined the adequacy report of the unit and recommended that the unit may be allowed to resume operation along with following recommendations;

1. The committee has recommended to allow operations of the unit at reduced capacity of 13 KLD for 45 days.
2. The unit is instructed to get performance evaluation done by Gov. Institute, if VSI is not available.
3. Performance evaluation report is to be assessed by the committee for further revocation.

**NOW, THEREFORE**, in view of the above and exercising powers delegated to the Chairman, Central Pollution Control Board (CPCB) under section 5 of the Environment (Protection) Act, 1986, the unit is directed to comply with the following directions;

1. The unit is allowed to resume manufacturing operation for 45 days only and shall inform to CPCB immediately after resumption of operation.
2. The unit shall close down its manufacturing operations after 45 days and seek permission from CPCB before resumption of operation.
3. To re-verify the co-ordinates and sampling location of drain in consultation with UPPCB.
4. To submit the analysis report of the Jail drain on monthly basis (by 10<sup>th</sup> of every month) to CPCB/UPPCB.
5. 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 10<sup>th</sup> of every month) to CPCB/UPPCB.
6. The unit shall use concentrated spent wash: press mud ratio of 1.6:1 and shall provide documentation support for procurement/ availability of press mud, sell of compost and compost quality on monthly basis
7. To submit revalidated adequacy assessment report carried out by the same institute or Gov. Institute, if VSI is not available.

**(Contd..4/-)**

In case of default in compliance with the above directions or any other exigencies, CPCB will be constrained to initiate further stringent action against the Unit (M/s Unnao Distilleries and Breweries Ltd., (Distillation Unit) Unnao Distillery), in accordance with the provisions of the Environment (Protection) Act, 1986, without any further notice.

(S. P. SINGH PARIHAR)  
CHAIRMAN

Copy to:

1. **Member Secretary**  
Uttar Pradesh Pollution Control Board,  
Building No. TC-12V, Vibhuthi Khand,  
Gomti Nagar, Lucknow – 226 010 : With request to ensure compliance  
of the directions.
2. **Joint Secretary (CP Division)**  
Ministry of Environment, Forest & C.C  
Prithvi Block, Indira Paryavaran Bhawan,  
Jorbagh Road, New Delhi – 110 003 : For kind information please
3. **Regional Director**  
Central Pollution Control Board  
PICUP Bhawan, Ground Floor, Vibhuti Khand,  
Gomti Nagar, Lucknow – 226 010 :For follow up and ensuring  
compliance
4. **District Magistrate,**  
Unnao –Uttar Pradesh :With request to ensure compliance of  
the direction
5. **The Executive Engineer/SE**  
Madhyanchal Vidyut Vitran Nigam Ltd.,  
Head office 4A, Gokhele Marg  
Lucknow-226001 : With request to restore the power  
supply of the unit.
7. The In-charge, IT Division, CPCB
8. Master file/Guard file, WQM II, CPCB Delhi

  
(A.SUDHAKAR)  
MEMBER SECRETARY