



Speed Post

B-190198/NGRBA(RG)/CPCB/Distillery/26/2016-07 12544

Dated 5<sup>th</sup> Feb, 2020  
11<sup>th</sup> Feb, 2020

To,

M/s Uttam Sugar Mills Ltd., (Distillery Division)  
Village Barkatpur, Tehsil-Najibabad  
District -Bijnor,  
Uttar Pradesh-246763

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

**WHEREAS**, M/s Uttam Sugar Mills Ltd., (Distillery unit) Bijnor, U.P (hereinafter referred as 'unit') is involved in the production of extra neutral alcohol and rectified spirit using raw material and;

issued direction dated 09.11.2017 under section 5 of Environment (Protection) Act, 1986 with the following;

1. Distillery premises shall be dismantled or diverted.

2. Effluent shall be treated to ascertain use of raw water/ fresh water at various stages for reducing its consumption further.

(Contd...2/-)

3. The unit shall also create an Environment Division to facilitate maintenance of pollution control norms by reducing trained manpower and establishing necessary laboratory facilities.
4. The unit shall install & commission Condensate Processing Unit (CPU Unit) before resumption of the Unit.
5. The unit shall restrict the storage capacity to 30 days of spent wash generation.
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 1:1.6 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.

**WHEREAS**, the Unit replies vide letters dated 2.12.2017, 09.03.2018, 15.05.2018, 09.12.2018, 10.01.2019, 09.02.2019, 09.03.2019, 09.04.2019, 09.05.2019, 09.07.2019 were examined and following observations were made:

1. The unit has dismantled the drain which is passing through the unit, and had constructed civil wall across the Nala to avoid any flow towards Malan River.
2. The unit has submitted the revalidated adequacy report vide letter dated 09.03.2018.
3. As per the adequacy report, the available plant machinery is adequate to cope up with the requirements of ZLD at the operating capacity of the molasses based distillery.
4. The unit is having adequate land area for bio-composting plant as well as for storage of press mud and finished products.
5. The unit has installed CPU for treatment of MEE condensate.
6. The unit submitted records of alcohol/rectified spirit production, spent wash generation (namely weak spent, strong spent wash) details of MEE operations, mass flow meter readings on monthly basis.
7. The unit submitted records of for procurement/ availability of press mud, sell of compost and compost quality on monthly basis.

**(Contd...3/-)**

**AND WHEREAS**, the unit submitted the adequacy report vide letter dated 23.07.2019 validated by NSI, Kanpur after expansion of production capacity from 75 KLPD to 150 KLPD. The adequacy report was examined and following observations were made;

1. As per the adequacy report, the unit has expanded the molasses based distillery plant from 75 KLPD to 150 KLPD by installing new plant of 75 KLPD. The unit has obtained Environment Clearance for 150 KLPD.
2. The unit spent wash generation rate is 10.0 lit per litre of alcohol for old plant and 8.0 lit per litre of alcohol for new plant.
3. For new distillery plant of 75 KLPD, spent wash management comprises of bio-digesters, MFF. (3 Effect), followed by bio-composting.
4. The unit has not installed mass flow meter with totalizer at the inlet and outlet of MEE in the newly installed plant.
5. The unit has installed RO based CPU for treatment of MEE condensate, spent lees and cooling tower blow down.
6. The unit has bio-composting area of 30 acres.
7. Provision of spent wash storage capacity of 36000 m<sup>3</sup> (Raw spent wash: 1200 m<sup>3</sup>+ BMSW 30000 m<sup>3</sup>+ MEE Conc. 4800 m<sup>3</sup>) is made, however the unit is allowed to keep only 16200 m<sup>3</sup> capacity of lagoon.
8. The unit has not installed any piezometer around the bio-compost yard.

**AND WHEREAS**, CPCB vide letter dated 09.10.2019 asked the unit to comply with the following measures;

1. The unit shall install mass flow meter with totalizer at inlet and outlet of MEE in the newly installed plant of 75 KLPD.
2. The unit shall install piezometers in the bio-compost yard.
3. The unit shall restrict its lagoon capacity to 30 days equivalent of concentrated spent wash as per CPCB direction dated 07.12.2015 by dismantling/levelling the excess capacity of the lagoon.
4. The unit shall submit an action plan for dismantling/levelling the excess capacity of the lagoons and implementation status of the recommendations of adequacy report within 15 days.

**AND WHEREAS**, Unit's reply vide letter dated 18.10.2019 was examined and following observations are made:

1. The unit has installed mass flow meter with totalizer at the inlet and out of the MEE of newly installed plant of 75 KLD.
2. The unit has installed 03 no. piezometers in the bio-composting yard.
3. The unit has informed that they are storing concentrated spent wash below red marked (for 30 days storage), as per UPPCB guidelines.

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

**AND WHEREAS**, a public complaint dated 30<sup>th</sup> Dec, 2019, was received about disposal of spent wash on the agriculture land near village Barkatpur by the distillery unit of Barkatpur Sugar Mills Bijnor; U.P and

**WHEREAS**, a team of CPCB officials carried out inspection of the nearby drain, fields where effluent disposal is reported and outside the premises of M/s Uttam Sugar Mills Ltd., (distillery division), Barkatpur on 31<sup>st</sup> Dec, 2019 and following observations are made;

1. During the physical verification of the complaint, the team visited outside of M/s. Uttam sugar and Distillery Units near village Barkatpur, Bijnor (U.P.) including nearby two drains passing behind the units, outside the bio-compost yard and the agricultural field.
2. Spent wash was observed disposed at different locations in one of the dry drain. The spent wash got dried and residual reddish solids were observed. To hide the appearance of disposed spent wash at some locations, these patches were found partly covered with soil.
3. Storage/ponding of spent wash surrounded by press mud in the bio-compost yard area, was observed from the adjacent road.
4. The agricultural field is situated at Behda Naiwala Road, Selampur, Uttar Pradesh, which is 5 Km away from M/s Uttam Sugar Mills Ltd., Distillery Division. The affected fields, 80 meter ×80 meter land was found filled with spent wash. The entire crop sown was found destroyed due to submergence under the disposed spent wash. However, it was observed that in some portions, the spent wash was get absorbed in the soil.
5. Analysis results of samples collected from the agriculture field situated at Behda Naiwala Road, Selampur, showed **pH-7.90, BOD-32800 mg/l, COD-118000mg/l and TS- 167350 mg/l** and **pH-8.07, BOD-23428 mg/l, COD-90,000 mg/l and TS- 133940 mg/l** which are indicative of industrial pollution.
6. Relative of the complainer informed about the discharge of spent wash through tankers in night.
7. Intense odour and colour of the effluent, indicates disposal of spent wash on fields. Effluent samples were collected from the agricultural field and also ground water sample were collected from the hand pump.
8. The canal passing about a Kilometre away from the M/s Uttam Sugar Mills Ltd., was found dry.

It is evident that spent wash/ effluent from distillery has been disposed illegally in night hours in the agriculture field which is located within 5 KM radius from M/s Uttam Sugar Mills Ltd., , Bijnor. The other distilleries which generate spent wash are located > 30 Km away from the field in Bijnor. Evidence of disposal of spent wash in past in drains passing near the unit was also observed. Photographic evidence and physical verification confirms the disposal of spent wash is from the distillery unit of M/s Uttam Sugar Mills Ltd., Bijnor.

(Contd...5/-)

**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 (M/s Uttam Sugar Mills Ltd., (Distillery Division), Bijnor) is directed to close down all its manufacturing operations with immediate effect and report the same to CPCB within 10 days and showcause why Environment Compensation should not be imposed.

1. The unit shall stop all its manufacturing operations with immediate effect.
2. The unit shall immediately stop disposal of spent wash onto land/drain.
3. The unit shall take measures to remediate damage cause to environment due to illegal disposal of spent wash on agriculture land.
4. The unit shall seek permission from CPCB before restart of manufacturing operations.

In case of default in compliance with the above directions by the Unit (M/s Uttam Sugar Mills Ltd., Distillery Division, Bijnor), CPCB will be constrained to initiate appropriate action against the Unit, in accordance with the provisions of the Environment (Protection) Act, 1986.

  
(Ravi Shanker Prasad)  
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  
with 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. **Superintending Engineer**  
(Bijnor) Urja Bhawan, Paschimanchal Vidyut  
Vitran Nigam Ltd., Victoria Park, Meerut -  
250001  
: With request to dis-connect the power  
supply for industrial operations.  
However, power supply for domestic  
and security purposes to continue.

(Contd...6/-)

- 4 **Regional Director**  
Regional Directorate  
Central Pollution Control Board  
PICUP Dhawan, Ground Floor,  
Vibhuti Khand, Gomti Nagar,  
Lucknow – 226 010
- 5 **The District Magistrate,**  
Bijnor-Uttar Pradesh
- 6 The In-charge, IT Division, CPCB
- 7 Master file/Guard file, WQM II, CPCB

: For follow up and ensuring compliance

: With request to ensure compliance of closure direction

: to upload the direction

  
(Dr. Prashant Gargava)

MEMBER SECRETARY