

SPEED POST

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

January 2nd, 2018

To,

M/s Nanglamal Sugar Complex (Distillery Division),
Garh Road, Vill-Naglamal,
Distt. Meerut -250001, 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 there under and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

WHEREAS, M/s Nanglamal Sugar Complex (Distillery Division), Nanglamal, Meerut, 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, CPCB issued direction dated 12-06-2017 under Section 5 of the 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 UPPCB within 60 days:
 - a) Assessment of the manufacturing technology for generation of spent wash and ZLD adequacy assessment of system comprising of Biomethanation, RO, MEE, composting/incineration system and steam availability, etc.

(Contd...2/-)

- 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 totalizer 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, unit submitted adequacy assessment report prepared by NSI, Kanpur, on 11.10.2017 and as per the adequacy assessment, following observations are made;

1. The unit has adopted fed batch fermentation with MPR distillation. The spent wash generation is 6 litres per litre of alcohol.
2. The unit has adequate ETP and advanced condensate processing unit.
3. The unit is yet to complete installation of mass flow meters at inlet and outlet of MEE.
4. The unit has identified the recipient drain as Choiya drain. Analysis report dated 31.10.17 of water sample from u/s and d/s locations submitted.
5. The unit has submitted documents supporting the procurement of press mud for 2016-2017 and October, 2017; details of sale of the compost for August-October, 2017; and, biocompost quality analysis report dated 31.10.17.
6. The unit has installed rain water collection and harvesting system.
7. Analysis of raw spent wash and concentrated spent wash has to be done regularly for important parameters and to be maintained in log book.
8. The unit in its reply vide letter dated 11.10.2017, informed that unit has analytical facilities along with trained staff.

AND WHEREAS, the unit has not complied with the following CPCB directions issued on 12.06.2017:

1. The unit has not completed installation of mass flow meters at inlet and outlet of MEE and established connectivity to CPCB server.

(Contd...3/-)

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 on monthly basis (by 10th of every month) to CPCB.
3. The unit has not submitted the analysis report of the identified recipient drains at u/s & d/s location through lab recognised under Environment (Protection) Act, 1986 on monthly basis (by 10th of every month) to CPCB.
4. The unit has not submitted the documents supporting the procurement of press mud and analysis report of compost quality through lab recognised under Environment (Protection) Act, 1986 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:

1. To complete the installation of mass flow meters with totalizer at inlet of ROs/MEE, outlet of MEE and to establish connectivity 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 to CPCB & SPCB servers.
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. (Format enclosed herewith).
3. To carry out monthly monitoring of the identified recipient drains at u/s & d/s location through lab recognised under Environment (Protection) Act, 1986 and to submit the analysis report on monthly basis (by 10th of every month) to CPCB/UPPCB.
4. To use concentrated spent wash: press mud ratio of 1:1.6 and to provide documentation support for procurement/ availability of press mud, sale of compost and compost quality on monthly basis (by 10th of every month) to CPCB/UPPCB in the prescribed format. (Format enclosed herewith).
5. To carry out analysis of raw spent wash and concentrated spent wash of important parameters such as pH, COD, BOD, solid content etc., on a regular basis and to maintain a log book for the same.
6. To submit the implementation status report of action taken against the recommendation 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.

(Contd...4/-)

AND NOW, THEREFORE, in view of the unit's non-compliance to CPCB directions dated 12-06-2017, 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 12-06-2017 to the satisfaction of CPCB and also **why not environmental compensation should be charged**.

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**
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.
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 Division


(A. Sudhakar)
MEMBER SECRETARY

Central Pollution Control Board Format for evaluation of Distillery ETP performance

Format For Distillery

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

Date	Raw Spent wash generation as per online mass flow meter	Raw Spent wash Total Solids	Cumulative Raw Spent wash generation as per online mass flow meter	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	Condensate quantity generated	Press Mud Cake (PMCK) consumption	Concentrated Spent wash consumption	Concentrated Spent wash to PMCK ratio achieved	Bio-compost Produced	Quality of Bio-compost			Bio-compost Sold			
	MT/Hr MT/Day	%	MT totaliser	MT/Hr MT/day	%	MT totaliser	MT/Day	MT/ Windrow	MT/ Month	MT/ Windrow	MT/ Month	MT/ Annium	N (%)	P (%)	K (%)	Moisture (%)	MT/ Annium	

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

