

**SPEED POST**

B-190197/NGRBA (RG)/CPCB/Sugar/45/2016-17

November 24, 2017

13978

27

To,

**M/s Sasa Musa Sugar Works Ltd.  
Sasamusa, Gopalganj,  
Bihar-841505**

**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 & Climate Change, 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 Sasa Musa Sugar Works Ltd. Sasamusa, Gopalganj (hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

**WHEREAS**, CPCB issued closure direction dated 15.3.2017 to the unit to comply the following:

1. The unit shall also comply with the standards notified G.S.R. 35 (E), MoEF &CC, January 14, 2016 for effluent disposal, waste water conservation and pollution control management.
2. The unit shall submit ETP adequacy assessment report & upgradation action plan duly verified by reputed institution like Vasantdada Sugar Institute (VSI), National Sugar institute (NIS), Indian Institute of Technology (IITs) etc. to CPCB.
3. The unit shall inform to CPCB about the closure of operation immediately.
4. The unit shall commence & stabilize ETP at least one months before commencement of crushing season refer to CPCB.

Cont'd...2/

**WHEREAS**, the unit's reply dated 13.04.2017 was examined and following observation were made:

- a) The unit have not submitted ETP adequacy assessment report & upgradation action plan duly verified by reputed institution as mentioned in the closure direction to CPCB.
- b) The unit have not provided the irrigation management plan as well as no photography evidence for the electronic flow meter at the water extraction points.

**AND WHEREAS**, CPCB issued direction dated 05.06.2017 under Section 5 of the Environment (Protection) Act, 1986, to the unit to compliance with the following directions;

1. The unit shall remain closed till compliance with the following directions.
  - i. The unit shall submit the following reports to CPCB duly validated by reputed institutions like National Sugar Institute, Kanpur/Vasandada Sugar Institute, Pune /IITs;
    - a) ETP adequacy assessment reports;
    - b) time bound action plan for ETP augmentation & upgradation upto tertiary treatment level; to comply with the standards notified G.S.R. 35 (E), MoEF &CC, January 14, 2016 for effluent disposal, & waste water conservation.
    - c) water audit and mass balance report to establish waste water generation rate;
    - d) action plans to achieve the notified effluent discharge quality and generation standards.
    - e) Irrigation management plan as per the new notified standards on January 14, 2016; and
  - ii. The unit shall restrict the storage capacity of lined lagoon upto 15 days of effluent generation.
  - iii. The unit shall meet the BOD-30mg/l standards for discharging any effluent on land /surface water body whereas effluent stored in lined lagoons/tanks of capacity not more than 15 days shall comply with BOD-100 mg/l standards.
2. The unit shall stabilize the ETP by September 2017 before commencing of the new crushing season. The unit will not be allowed to resume manufacturing operations till stabilization of ETP system.
3. The unit shall upgrade of process technology, ETP system & adapt the best practice in a time bound manner and submit a report to CPCB.
4. The unit shall seek permission from CPCB, after compliance with the above mentioned directions before resumption of manufacturing operations.

**AND WHEREAS**, the Unit has submitted the adequacy reports validated by VSI, Pune on 28.08.2017; and

**WHEREAS**, in the review meeting held with the sugar mills on 12.10.2017 at CPCB, Delhi, it was informed that the unit will start the stabilization of the ETP since 01<sup>st</sup> November, 2017; and

Cont'd...3/

**WHEREAS**, CPCB constituted a Three-member committee vide office order dated 27.09.2017 having representative from CPCB, MoEF &CC and NMCG for examination and recommendation for revocation of the closure direction issued by CPCB; and

**WHEREAS**, the Three-member committee in its meeting held on 16.11.2017 examined and recommended that the Unit may be allowed to resume operation with the following recommendation:

1. The unit shall submit completion report of the action plan within 7 days.

**WHEREAS**, the unit vide its letter at 21.11.2017, submitted completion report validated by NSI, Kanpur.

**AND NOW, THEREFORE**, in view of the above observation, and exercising powers delegated to the Chairman, Central Pollution Control Board under Section 5 of the Environment (Protection) Act, 1986, the Unit (M/s Sasa Musa Sugar Works Ltd. Sasamusa, Gopalganj) is directed to comply with the following directions ;

1. The unit shall start its operation only after obtaining valid consent from the concerned State Pollution Control Board.
2. The unit shall install & Commission ETP system upto tertiary treatment level including adequate treatment system for spray pond overflow effluent in case of double sulphitation process (Brine recovery system to be installed in case of sugar refinery having Ion Exchange Process for sugar melt de-colorization).
3. The Unit having high-pressure boiler (>45 Kg/cm<sup>2</sup>) shall install & Commission Condensate Polishing Unit (CPU) within 45 days for treatment of condensate water to ensure its reuse & recycle within the process.
4. The unit shall restrict the effluent storage capacity to 15 days.
5. The Unit shall utilise treated effluent meeting the prescribed norms for irrigation as per the irrigation management plan validated by expert institutions namely, NSI, Kanpur/ VSI, Pune/ Agricultural Institutions.
6. The unit shall implement the observation and recommendation of the adequacy report within 45 days.
7. The unit shall get the verification of implementation status of the recommendation of adequacy report including ETP performance assessment & effluent generation assessment done by the same institute which carried out adequacy assessment and submit the report to CPCB within 45 days from date of resumption of manufacturing operations.
8. The unit shall submit completion report duly verified by VSI, Pune/ NSI, Kanpur of the action plan submitted vide letter at 28-08-2017, within seven days of resumption of manufacture operation.
9. The analysis result of the treated effluent shall also be submitted within 45 days through EPA recognised laboratories.
10. If the unit fails to provide the verification report duly validated by the expert institutions, the unit shall automatically stop all its manufacturing operations after 45 days from date of resumption of manufacturing operations.

Cont'd...4/


In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit (M/s Sasa Musa Sugar Works Ltd. Sasamusa, Gopalganj), in accordance with the provisions of the Environment (Protection) Act, 1986, without giving any further notice.

/  
(S.P. Singh Parihar)  
CHAIRMAN

**Copy to:**

1. **The Member Secretary**  
Bihar State Pollution Control Board,  
Parivesh Bhawan, Plot No. Ns-B/2  
Paliputra Industrial Area,  
Patliputra, **Patna (Bihar) - 800 023**
2. **District Magistrate**  
Gopalganj, Bihar
3. **The Advisor (CP Division)**  
Ministry of Environment, Forests & Climate Change,  
Indira Paryavaran Bhavan, Jor Bagh Road,  
**New Delhi – 110 003**
4. **The Superintending Engineer**  
Bihar State Power Holding Company Limited  
Gopalganj, **Biharkm**
5. **Regional Director**  
Regional Directorate,  
Central Pollution Control Board,  
Southernd Conclave, Block 502,,  
5th & 6th Floors, 1582 Rajdanga Main Road  
**Kolkata - 700 107 (W. B.)**
6. The In-charge IPC-III Division, CPCB Delhi.
- 7/ The In-charge IT Division, CPCB, Delhi
8. Guard file/ Master File , WQM-II, CPCB, Delhi

:for information please

  
(A SUDHAKAR)  
MEMBER SECRETARY