

Speed Post

B-190197/NGRBA (RG)/CPCB/Sugar/75/2016-17

01.08.2019

To,

M/s. Triveni Engineering & Industries Ltd.
Sugar unit: Khatauli,
Distt. - Muzaffarnagar, UP- 251 201

DIRECTIONS 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. Triveni Engineering & Industries Ltd., Sugar Unit- Khatauli, Distt. – Muzaffarnagar, Uttar Pradesh– 251 201 (hereinafter referred as 'the unit') is involved in the process of sugar manufacturing from crushing of cane; and

WHEREAS, CPCB vide letter dated 11.03.2019 asked to unit to ensure compliance of implementation status of the Charter and performance adequacy audit of ETP; and

WHEREAS, the unit replied vide letter dated 25.03.2019 along with performance adequacy audit report by NSI, Kanpur which was examined and following observations are made:

1. The unit has not installed flow meters at some water consumption and generation points.
2. The capacity of primary and secondary clarifier and MGF/ACF are inadequate and need to be enhanced.

WHEREAS, the unit was inspected on 29.03.2019 by team of CPCB officials and following observations were made:

1. The average effluent discharge from ETP was calculated for 13th November 2018 – 13th May 2019 as 1922 KLD which is higher than the permissible limit of 1650 KLD as per the consent.
2. The analysis of treated effluent collected for ETP outlet shows pH 8.07 against norms of 5.5-8.5, BOD-13 mg/L against norms of 100mg/L, COD-36 mg/L against norms of 250 mg/L, TSS-11mg/L against norms of 100 mg/L, TDS-1180 mg/L against norms of 2100 mg/L & Oil &

Grease- BDL (<05) against norms of 10 mg/L which indicates compliance with the effluent discharge norms on land notified under the Environment (Protection) Rules, 1986.

3. The unit has not installed condensate polishing unit despite having high pressure boiler.
4. Treated effluent has been stored in the Lagoon. Algae growth was observed in the Lagoon. Analysis of effluent sample collected from lagoon shows pH 8.18 against norms of 5.5-8.5, BOD 11 mg/l against norms of 100mg/L, COD 35 mg/l against norms of 250 mg/L, TSS 19 mg/l against norms of 100 mg/L and TDS 1240 mg/l against norms of 2100 mg/L which indicates compliance with on land effluent discharge norms.
5. Mechanical sludge handling system is not installed.
6. The ETP of the Unit is situated in another campus across the road and the raw effluent reaches the ETP through underground channels of raw effluent from the unit across the road, crossing municipal drain on roadside.
7. The treated water was being used for irrigation purpose and the dried sludge was being used as manure in their own agricultural Land.

WHEREAS, CPCB has issued show cause notice dt. 12.06.2019, under Section 5 of the Environment (Protection) Act, 1986 to the unit as the unit was discharging effluent more than the consented quantity which is in violation of the conditions mentioned in Consent to Operate issued by UPPCB under Water Act' 1974; and

WHEREAS, the unit reply vide letter dated 24.06.2019 was examined and following observations are made:

1. The average monthly effluent generation from Nov-18 to May 2019 was 1868.34 KLD. As per Govt. gazette No G.S.R (E) dated 14.1.2016 the effluent generation limit is 200litre/TCD crush. As per norms effluent generation is well under the prescribed limit *i.e* 170litre/ TCD. Effluent generated by the city municipal is forcibly mixed with the effluent of the factory and such mixing increases total effluent generation. Unit has requested to district authority for corrective action and till now no concrete action has been taken.
2. The unit have condensate-polishing (CPU) unit of adequate capacity.
3. The unit has eight sludge drying beds of area 960m² which is adequate in capacity.

AND NOW, THEREFORE, in view of above observations and in exercise of powers delegated to Chairman CPCB under Section 5 of the Environment (Protection) Act, 1986, the unit (M/s. Triveni Engineering & Industries Ltd., Sugar Unit- Khatauli, Distt. – Muzaffarnagar, Uttar Pradesh) is directed to comply with the following directions:

1. The unit shall comply with CPCB letter dt. 11.03.2019 and provide compliance report within 60 days.
2. The unit shall reduce its effluent generation within the consented capacity.
3. The unit shall replace the open channel with a closed pipeline to carry raw effluent to ETP located across the road to avoid mixing with sewage of the municipal drain.
4. The unit shall install flow meters at remaining water consumption and generation points.
5. The unit shall install the mechanical sludge handling system having adequate capacity.
6. The unit shall submit treated effluent analysis report from EPA recognized laboratory under Environment (Protection) Rules, 1986 within 15 days of resume of operation in next crushing season.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit (M/s. Triveni Engineering & Industries Ltd., Sugar Unit- Khatauli, Distt. – Muzaffarnagar, Uttar Pradesh) without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.


25/09/19
(S. P. SINGH PARIHAR)
CHAIRMAN

Copy to:

- | | |
|---|---|
| <p>1. Principal Secretary
Sugar Industry and Cane Development
Department, "G" Block, 2/3, Mantri Wing, 4th Floor,
Bapu Bhawan, Vidhan Sabha Marg
Lucknow - 226 001</p> | <p>: With request to ensure compliance of the directions.</p> |
| <p>2. Member Secretary
Uttar Pradesh Pollution Control Board,
Building No. TC-12V, Vibhuthi Khand,
Gomti Nagar, Lucknow – 226 010</p> | <p>: With request to ensure compliance of the directions.</p> |
| <p>3. Joint Secretary (CP Division)
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110 003</p> | <p>: For kind information, please.</p> |
| <p>4. The District Magistrate
Collectorate Office Muzaffarpur, UP – 842001</p> | <p>: With request to ensure compliance of the directions.</p> |
| <p>5. The Regional Director
Regional Directorate CPCB,
PICUP Bhawan, Ground Floor,
Vibhuthi Khand, Gomti Nagar,
Lucknow – 226 010</p> | <p>: For follow up and ensuring compliance</p> |
| <p>✓ 6. In-charge, IT Division, CPCB</p> | <p>: With request to upload on CPCB server.</p> |
| <p>7. Master file/Guard file, WQM II, CPCB Delhi</p> | <p>: For record.</p> |


(PRASHANT GARGAVA)
MEMBER SECRETARY