

**Speed Post**

B-190198/WQM-II(RG)/CPCB/Sugar/06/2016-17

30.05.2019  
06.06

To,  
M/s Bajaj Hindustan Sugar Ltd.,  
Bilal, Bijnor, U.P.-246726.

**DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986-  
NOTICE THEREOF**

**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 Bajaj Hindustan Sugar Ltd., Bilal, Bijnor (hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

**WHEREAS**, the unit was inspected on 22.03.2018 by officials from CPCB, Delhi and following observations were made;

1. The analysis of treated effluent sample shows pH-7.49 as against norms of 5.5-9.0, BOD-04 mg/l against norms of 30 mg/l, COD- 19 mg/l against norms of 250 mg/l & TSS- 24 mg/l against norms of 30 mg/l.
2. The analysis of effluent sample collected from lagoon shows pH-6.57 as against norms of 5.5-9.0, BOD-123 mg/l against norms of 100 mg/l, COD- 302 mg/l against norms of 250 mg/l, & TSS- 119 mg/l against norms of 100 mg/l which indicates non-compliance w.r.t. BOD, COD & TSS against land discharge norms prescribed under Environment (Protection) Rules, 1986.
3. All drains were overflowing with effluent in the premises of the unit. Some drains contain condensate water and others contain effluent flowing from ETP.
4. The unit failed to submit revalidated ETP adequacy assessment report within 45 days from the date of resumption of operation to CPCB.

**WHEREAS**, the unit submitted the revalidated adequacy assessment reports validated by NSI, Kanpur vide letter dt. 07.05.2018; and

**WHEREAS**, CPCB issued Show Cause Notice dated 09.05.2018 under Section 5 of Environment (Protection) Act, 1986 based on the observation made in the inspection report of 22.03.2018; and

**WHEREAS**, the unit replied vide letter dated 31<sup>st</sup> May,2018; and

**WHEREAS**, CPCB through an Expert Committee comprising of experts from National Sugar Institute (NSI), Kanpur, Vasantdada Sugar Institute (VSI), IITs and representatives from sugar mills prepared a Charter for Water Recycling and Pollution Prevention (thereafter referred to as the Charter); and

**WHEREAS**, a meeting of sugar mills operating in Uttar Pradesh, representatives of UPPCB and CPCB was held on 06.07.2018 under Chairmanship of Principal Secretary, Sugar Industries and Sugarcane Development, Government of Uttar Pradesh and the following decisions are made:

1. Sugar Mills shall submit an action plan to CPCB by 20.07.2018 regarding the steps taken by them pertaining to the notices issued to them. Also they shall submit action plan to implement recommendations of their adequacy assessment report.
2. All sugar mills shall ensure implementation of Charter and shall submit action plan to CPCB by 20.08.2018.
3. All sugar mills shall ensure the upgradation of their ETP within August,2018 so as to ensure no interruption in functioning of the ETP in the following seasons.
4. All sugar mills shall maintain a logbook on ETP operations on a daily basis.
5. ETP shall be operational at all times and all bypass arrangements should be dismantled with immediate effect.
6. MLSS in aeration tanks should be maintained at 2000-2500 mg/l.
7. All sugar units shall set up environmental laboratories for regular analysis of raw and treated effluent thereby ensuring proper functioning of the ETP.
8. All sugar mills shall employ dedicated technicians for operating and regular maintenance of ETP and shall also ensure that the technicians are given proper training on ETP maintenance and lab analysis on regular basis.
9. To ensure proper training of the environmental technicians all sugar mills shall facilitate training of 5 employees.
10. All sugar mills may establish an Environment Management Cell at their level consisting of concerned officials in order to ensure compliance with environmental standards at industry level itself.

**WHEREAS**, the unit vide letters dated 20.07.2018, 07.09.2018 and 10.09.2018 has submitted their compliance status of the Charter; and

**WHEREAS**, CPCB issued direction dated 15.11.2018 under section 5 of the Environment (Protection) Act, 1986 to the Unit to comply with the following directions before commencement of crushing season 2018-2019;

1. The unit shall restrict its production capacity upto 7500 TCD and shall start only after obtaining valid consent from UPPCB.
2. The unit shall implement the observation & recommendation of the revalidated adequacy assessment of ETP.
3. The unit shall install sealed flow meter along with running hours meter on bore wells so as to ascertain usage of fresh water for various uses.

4. The unit shall install flow meters at major areas of cold and hot water consumption.
5. The unit shall install flow meters for measuring generation of effluent from various prominent areas.
6. The unit shall maintain logbook for individual process unit for recording daily water consumption and effluent generation also.
7. The unit shall commission mechanical sludge handling system of adequate capacity.
8. The unit shall carry out colour coding of pipelines carrying recycled process water and fresh process water.
9. The unit shall carry out analysis of parameters as per Environment (Protection) Rules, 1986 on daily basis and maintain logbook of the same.
10. The unit shall submit the implementation status of the Charter in the form of Affidavit and the documentary proof of the completion of the work as committed in action plan.
11. The unit shall submit implementation status of the Charter and performance adequacy audit of ETP including actual assessment of water consumption and effluent generation duly validated by reputed expert institute namely NSI Kanpur, VSI Pune, IITs during crushing season & submit the report to CPCB within 60 days of resumption of operation.

**AND WHEREAS**, the Unit replied vide letter dated 21.01.2019 and following observation were made;

1. Observation and recommendation of the adequacy assessment of ETP have been implemented by the unit.
2. Flow meters with running hours meters are installed on borewells for measurement of fresh water extraction.
3. As recommended by NSI, flow meters on all areas have been installed.
4. Unit has also installed flow meters for measuring the effluent at the point of generation.
5. Unit has maintained logbook for individual process unit for recording daily water consumption and effluent generation also.
6. Unit has installed the mechanical sludge handling system of adequate capacity.
7. Mill has carried out colour coding of pipelines carrying recycled process water and fresh process water.
8. Mill has provided implementation status of the charter in the form of affidavit.

**AND WHEREAS**, the unit was inspected on 29.03.2019 by team of CPCB officials and following observations are made;

1. Analysis of treated effluent samples showed pH-7.50 against the norms of 5.5-8.5, BOD-57 mg/l against the norms of 100 mg/l, **TSS-210 mg/l** against the norms of 100 mg/l, COD-192 mg/l against the norms of 250mg/l and TDS 1404 mg/l against the norms of 2100mg/l which indicates non-compliance w.r.t TSS against land discharge norms prescribed under Environment (Protection) Rules,1986.
2. Analysis of samples from lagoon showed pH-7.48 against the norms of 5.5-8.5, BOD-44 mg/l against the norms of 100mg/l, TSS-56 mg/l against the norms of 100mg/l, COD-143 mg/l against the norms of 250mg/l and **TDS 2404 mg/l** against the norms of 2100 mg/l which indicates non-compliance w.r.t TDS against land discharge norms prescribed under Environment (Protection) Rules,1986.

**It is evident that partially treated effluent is being discharged by the Unit, posing potential threat to surface water/ground water quality.**

**NOW, THEREFORE**, in view of the above observations and in exercise of the powers, delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, notice is hereby served to the Unit (M/s Bajaj Hindustan Sugar Ltd., Bilai, Bijnor) to **show cause, why the Unit should not be closed** down until all the necessary pollution control measure are planned and implemented so as to comply with the prescribed effluent discharge standards notified under Environment (Protection) Act, 1986 to satisfaction of CPCB.

You are hereby given an opportunity to file your objections (if any) to the above proposed direction within 15 days from the date of receipt of this notice, failing which appropriate action will be taken against the Unit without giving any further notice as, in accordance with provision of the Environment (Protection) Act, 1986.

(S.P.SINGH PARIHAR)  
CHAIRMAN

03.06.2019

**Copy to:**

**1. The Chairman**

Uttar Pradesh Pollution Control Board,  
Building No. TC-12V, Vibhuthi Khand,  
Gomti Nagar, Lucknow – 226 010

**2. Principal Secretary**

Sugar Industry and Cane Development Department,  
"G" Block, 2/3, Mantri Wing  
4th Floor, Bapu Bhawan Vidhan Sabha Marg,  
Lucknow - 226 001

**3. Joint Secretary (CP Division)**

Ministry of Environment, Forest & C.C  
Prithvi Block, Indira Paryavaran Bhawan,  
Jorbagh Road, New Delhi – 110 003

**4. The District Magistrate**

Bijnor, U.P.-246701

**5. Regional Director**

Regional Directorate  
Central Pollution Control Board, PICUP Bhawan,  
Ground Floor, Vibhuthi Khand, Gomti Nagar,  
Lucknow – 226 010

**6. In-charge, IT Division, CPCB**

**7. Master file/Guard file, WQM II, CPCB Delhi**

:With request to ensure compliance of the directions.

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For kind information, please.

:For follow up and ensuring compliance

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:with request to upload on CPCB server.

(PRASHANT GARGAVA)  
MEMBER SECRETARY

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