

**SPEED POST**

B-190197/NGRBA (RG)/CPCB/Sugar/79/2016-17

08.05.2019

To,

M/s. Avadh Sugar & Energy Ltd.,  
(Sugar Unit- Seohara), Bijnor  
Uttar Pradesh-246 746

**DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986-REG.**

**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 Avadh Sugar and Energy Pvt. Ltd., (old name Upper Ganges Sugar & Industries Ltd.), Seohara, Bijnor (hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; 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 were 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.

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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 has submitted the status of Bare Minimum Technologies and action plan for additional work to be carried out by the unit vide their letter dated 19.07.2018; and

**WHEREAS**, CPCB vide letter dated 11.03.2019 asked the unit to ensure implementation of the charter and performance adequacy audit report of ETP; and

**WHEREAS**, the Unit vide letter dated 18.03.2019 submitted following point wise status of implementation of the charter as follows:

1. The unit has submitted that, all the observations & recommendations of the validated adequacy report have been implemented by the Unit.
2. The unit has installed water meters on the all borewells and record of water uses is being maintained.
3. The unit has installed the flowmeters at major areas of cold and hot water consumption.
4. The unit has installed flow meters to measure the effluent from various prominent areas and the inlet/outlet of ETP.
5. The logbook for water consumption and effluent generation from the individual process unit is maintained.
6. Colour coding of pipelines is being followed.
7. Two numbers of primary clarifier and one number of secondary clarifier with adequate capacity of sludge drying beds are available.
8. Analysis of effluent discharge parameters are being carried out and logbook for the same is being maintained as prescribed.
9. Implemented status of the charter and performance adequacy of ETP including actual assessment of water consumption and effluent generation duly validated by VSI, Pune during the crushing season 2018-19 is submitted.

**AND WHEREAS**, the Unit was inspected by a team of officials from CPCB on 19.03.2019 and following observations are made:

1. The unit has implemented the observation & recommendation of the revalidated adequacy assessment of ETP.
2. The unit has installed flowmeters on 4 borewells, hot and cold water consumption points and maintaining logbook for individual process.
3. The unit has partially colour coded the pipelines carrying recycled process water.
4. The unit has not installed the mechanical sludge handling system.
5. The unit has submitted the implementation of charter and performance adequacy of ETP report validated through VSI, Pune.
6. The sample collected from the outlet of ETP has the values of pH – 8.08 against prescribed standards of 5.5 – 9.0; TSS – 20 mg/l against prescribed standards of 30 mg/l; COD – 20 mg/l against prescribed standards of 250 mg/l and BOD – 06 mg/l against prescribed

- standards of 30 mg/l and TDS – 1224 mg/l against prescribed standards of 2100 mg/l which show compliance with respect to discharge norms.
7. Sample collected from the storage lagoon has the values of pH – 7.96 against prescribed standards of 5.5 – 9.0; TSS – 12 mg/l against prescribed standards of 100 mg/l; COD – 10 mg/l against prescribed standards of 250 mg/l and BOD – 04 mg/l against prescribed standards of 100 mg/l and TDS – 844 mg/l against prescribed standards of 2100 mg/l which shows compliance with respect to discharge norms.
  8. The MLSS value in the aeration tank of activated sludge based ETP was 3584 mg/l.
  9. The mill has installed condensate polishing unit for recycling of the untreated effluent.

**NOW, THEREFORE,** in view of above observations and in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, the unit (**M/s Avadh Sugar and Energy Pvt. Ltd Seohara, Bijnor**) is directed to comply of the following directions:

1. The Unit shall submit irrigation management plan and utilize treated effluent meeting the prescribed norms for irrigation as per the irrigation management plan validated by expert institutions namely, NSI, Kanpur/VSI, Pune/any agriculture institutions.
2. The unit shall install mechanical sludge handling system of adequate capacity.
3. The unit shall submit the implementation status of charter in the form of Affidavit and documentary proof of the completion of work as committed in the action plan.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit (**M/s Avadh Sugar and Energy Pvt. Ltd Seohara, Bijnor**), in accordance with the provisions of the Environment (Protection) Act, 1986, without giving any further notice.

  
14/05/14  
**(S.P. SINGH PARIHAR)**  
CHAIRMAN

Copy to:

1. **Chairman**  
Uttar Pradesh Pollution Control Board,  
Building No. TC-12V  
Vibhuti Khand, Gomti Nagar,  
Lucknow – 226 010
2. **Joint Secretary (CP Division)**  
Ministry of Environment, Forest & C.C  
Prithvi Block, Indira Paryavaran Bhawan,  
Jorbagh Road,  
New Delhi – 110 003
3. **Regional Director**  
Regional Directorate,  
Central Pollution Control Board  
PICUP Bhawan, Ground Floor,  
Vibhuti Khand, Gomti Nagar,  
Lucknow – 226 010

: With request to ensure compliance of the directions.

: For kind information, please.

: For follow up and ensuring compliance

4. **The District Magistrate**  
Bijnor, U.P.-246701

5. ✓ The In-charge IT Division, CPCB Delhi

6. Guard file, WQM-II, CPCB Delhi

: For follow up and ensuring compliance

: For uploading on CPCB website

: For record

  
(PRASHANT GARGAVA)  
MEMBER SECRETARY

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