

**Speed Post**

B-190197/WQM-II(RG)/CPCB/Sugar/44/2016-17/5284

14.08.2019  
16

To,

**M/s Dwarikesh Sugar Ind. Ltd.  
Faridpur, Bareilly,  
U.P.-243503**

**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, 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 Dwarikesh Sugar Ind. Ltd., Faridpur, Bareilly, U.P. (hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

**WHEREAS**, the Unit was inspected on 30.01.2018 by officials from CPCB; and

**WHEREAS**, the Unit submitted the revalidated adequacy assessment reports prepared by NSI, Kanpur vide letter dt.16.04.2018; and

**WHEREAS**, CPCB has issued show cause notice dt. 09.05.2018 under Section 5 of the Environment (Protection) Act, 1986 to the unit as the unit failed to meet the effluent discharge norms; and

**WHEREAS**, CPCB received the reply of show cause notice vide letter dt 23.05.2018 from the unit; 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.

**AND WHEREAS**, the unit submitted their compliance status of the Charter vide letter dt 27.11.2018; and

**WHEREAS**, CPCB issued compliance direction dated 12.12.2018 to the unit to comply with following directions:

1. The unit shall implement the observation & recommendation of the revalidated adequacy assessment of ETP.
2. 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.
3. The unit shall install flow meters at major areas of cold and hot water consumption.
4. The unit shall install flow meters for measuring generation of effluent from various prominent areas.
5. The unit shall maintain logbook for individual process unit for recording daily water consumption and effluent generation also.
6. The unit shall carry out colour coding of pipelines carrying recycled process water and fresh process.
7. The Unit shall commission mechanical sludge handling system of adequate capacity.
8. The unit shall carry out analysis of effluent discharge parameters notified under Environment (Protection) Rules, 1986 and logbook shall be maintained on daily basis.
9. The unit shall submit implementation status of the Charter in the form of Affidavit and the documentary proof of the completion of the work as committed in the action plan.

10. 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 government expert institute namely NSI Kanpur, VSI Pune, and IITs during crushing season & submit the report to CPCB within 60 days of resumption of operation.

**AND WHEREAS**, the unit vide letter dated 10.01.2019 submitted their compliance report including actual assessment of water consumption and effluent generation of season 2018-19 validated by IIT, Roorkee; and

**WHEREAS**, the unit was inspected on 27.03.2019 by officials of CPCB and following observations are made:

1. The unit has installed flow meters at various locations i.e. boiling house, RO plant, hot and cold water utilisation section, boilers, cleaning process, spray pond overflow, at outlet of mill house and, ETP inlet etc. to quantify the wastewater generation.
2. Log book for section/process wise freshwater consumption and waste water generation is maintained by the unit.
3. The unit has provision for separate spray pond overflow treatment.
4. The unit has not adopted the rain water harvesting system.
5. Colour coding of pipeline for water distribution network is done by the unit.
6. Domestic sewage treated by STP and discharged into sewer line within the premises of the unit.
7. Treated waste water discharged to pipeline on playground and agricultural land within premises of the unit.
8. The unit has installed separate treatment system for spray pond overflow and industrial effluent for ETP.
9. Unit has no record of maintenance for tube cleaning w.r.t to chemical consumption, water consumption, frequency and waste water generation by the unit.
10. Analysis of treated effluent sample collected from ETP outlet showed pH-7.9 against the norms of 5.5-8.5; BOD-27.1 mg/l against the norms of 30mg/l; COD-59.5 against the norms of 250; **TSS-154mg/l** against the norms of 30mg/l, TDS-1654 mg/l against norms of 2100mg/l and O&G- BDL against the norms of 10mg/l which indicated non-compliance w.r.t. TSS with the surface water discharge norms prescribed under Environment (Protection) Rules,1986.

**AND WHEREAS**, CPCB issued show cause notice dt. 24.06.2019 under Section 5 of the Environment (Protection) Act, 1986 to the unit as the unit failed to meet the effluent discharge norms; and

**WHEREAS**, the unit reply vide letter dated 01.07.2019 was examined and following observations are made:

1. The unit has adopted Rainwater harvesting and has provided photographic evidences.
2. The unit has committed to maintain the tube cleaning record in the next crushing season.
3. TSS level is slightly higher (154mg/l against the norms of 100mg/l) side due to possibility of dust that may also mix with drain water. The unit has provided the analysis results of the treated effluent through EPA recognised laboratories.

**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 Dwarikesh Sugar Ind. Ltd., Faridpur, Bareilly, U.P.) is directed to comply with the following directions:

1. The unit shall install flow meters for cold/ hot water usage at various unit operations to measure wash water at centrifugals and make up water for shortfall at any point operation including spray pond/ PCT.
2. The unit shall maintain log book for boiler ash and press mud which are being provided to the local farmers.
3. The unit shall submit treated effluent analysis report from environmental laboratory recognized under Environment (Protection) Rules, 1986 within 15 days from resumption of operation in next crushing season 2019-20.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit (M/s Dwarikesh Sugar Ind. Ltd., Faridpur, Bareilly, U.P.) without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.

  
14/08/19  
**(S. P. SINGH PARIHAR)**  
CHAIRMAN

**Copy to:**

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
2. **Member Secretary**  
Uttar Pradesh Pollution Control Board,  
Building No. TC-12V, Vibhuthi Khand,  
Gomti Nagar, Lucknow - 226 010
3. **Joint Secretary (CP Division)**  
Ministry of Environment, Forest & Climate Change  
Prithvi Block, Indira Paryavaran Bhawan,  
Jorbagh Road, New Delhi - 110 003
4. **The Regional Directorate**  
Regional Director, Central Pollution Control Board,  
PICUP Bhawan, Ground Floor, Vibhuthi Khand, Gomti  
Nagar, Lucknow - 226 010
5. **The In-charge, IT Division, CPCB**
6. Master file/Guard file WQM II, CPCB Delhi

: With request to ensure compliance of the directions.

: With request to ensure compliance of the directions.

: For kind information, please.

: For follow up and ensuring compliance

: with request to upload on CPCB server.

: For record

  
**(PRASHANT GARGAVA)**  
MEMBER SECRETARY