

Speed Post

B-190197/WQM-II(RG)/CPCB/Sugar/63/2016-17

07.06.2019  
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To,

M/s Rudra Bilas Kisan Sahkari Chini Mills Ltd.,  
Bilaspur, Rampur,  
U.P.-244923

**DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT,1986-  
CLOSURE 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 Rudrabilas Kisan Sahkari Chini Mills Ltd., Bilaspur, Rampur, U.P. (hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

**WHEREAS**, the Unit (M/s Rudrabilas Kisan Sahkari Chini Mills Ltd., Bilaspur, Rampur, U.P.) was inspected on 08.03.2018 by officials from CPCB, Delhi and following observations were made;

1. Effluent Treatment Plant (ETP) comprised of Bar screen, Oil Grease skimmer, Equalisation Tank, Primary Clarifier, Aeration Tank, Secondary Clarifier & Tertiary treatment (Filtration units). However, Oil Skimmer was not working properly.
2. Analysis of treated effluent sample shows pH-8 as against norms of 5.5-9.0, BOD-13 mg/l against norms of 30 mg/l, COD-58 mg/l against norms of 250 mg/l and TDS- 440 mg/l against norms of 2100 mg/l.
3. MLSS in aeration tank was **826 mg/l** which indicates unstabilised Activated Sludge Process system due to poor operation and maintenance of ETP system and possibility of dilution of ETP system.

4. The Unit does not have provision for treatment of spray pond overflow.
5. Effluent was overflowing from storage tank of secondary clarifier.
6. Proper logbook is required to maintain by the Unit for water consumption and waste water generation.
7. High variation was observed between fresh water consumption (1077 litre/tonne) and waste water generation (216 litre/tonne).
8. Flowmeters were not installed at process of the unit.
9. The Unit has not submitted the irrigation management plan and analysis report through E(P)A recognised laboratory.
10. The Unit has not submitted revalidated ETP adequacy assessment report within 45 days from the date of resumption of operation to CPCB.

**AND WHEREAS**, CPCB issued Show Cause Notice dated 07.05.2018 under Section 5 of Environment (Protection) Act, 1986 to the unit; and

**WHEREAS**, the unit reply dated 29.05.2018 was examined and following observations were made:

- 1) The oil skimmer has been repaired and is working properly.
- 2) The analysis report from Environmental laboratory and the revalidated adequacy report are submitted.

**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.
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 vide letter dated 19.07.2018 submitted their compliance status of the Charter, which was examined and following observations were made:

1. The unit is in the process of installing necessary flow meters at requisite points as prescribed under the Charter and has assured completion of the same by 31.10.2018.
2. The unit has submitted action plan/ compliance report on upgradation of ETP.
3. The unit is under process for establishing environmental laboratory.
4. The unit shall install Online Emission Monitoring System by October, 2018.
5. The unit has submitted compliance report on BMT for Water Recycling and Pollution Prevention.

**AND WHEREAS**, CPCB issued direction dated 15.10.2018 under section 5 of the Environment (Protection) Act, 1986, to the unit for the following:

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 water.
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 log book shall be maintained on daily basis.
9. 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 the action.
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 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 was inspected on 03.04.2019 by officials from CPCB, Delhi and following observations are made;

1. During inspection unit was operational.
2. The Unit has valid consent under Water (Prevention and Control of Pollution) Act, 1974 & Air (Prevention and Control of Pollution) Act, 1981 with validity up to 31.12.2019.

3. Flow meters are not installed at power turbine cooling, boiler, wet scrubber, cooling tower of co-generation, SO<sub>2</sub> gas cooling, final molasses cooling at the inlet and reject of RO plant and to make water for shortfall at spray pond/ process cooling tower.
4. Equalization tank does not have aeration system.
5. No proper log book is maintained at ETP for inlet and outlet readings.
6. MLSS in aeration tank was 2186 mg/l.
7. Waste water generation is estimated as **33.19 L/T** of cane crushed.
8. OCEMS system installed and connected to CPCB/SPCB servers.
9. Treated effluents are stored in lagoon and utilized in cleaning and irrigation purposes.
10. Analysis of treated effluent sample from ETP outlet shows pH-7.45 as against norms of 5.5-9.0, **BOD- 161 mg/l** against norms of 100 mg/l, **COD- 294 mg/l** against norms of 250 mg/l, **TSS- 106 mg/l** against norms of 100 mg/l and TDS- 972 mg/l against norms of 2100 mg/l which indicates non-compliance w.r.t. BOD, COD and TSS against on-land effluent discharge norms prescribed under Environment (Protection) Rules, 1986.
11. Analysis of treated effluent sample from lagoon shows pH-7.94 as against norms of 5.5-9.0, BOD-06 mg/l against norms of 100 mg/l, COD- 25 mg/l against norms of 250 mg/l, TSS- 17 mg/l against norms of 100 mg/l and TDS- 488 mg/l against norms of 2100 mg/l which indicates compliance w.r.t. to on-land effluent discharge norms prescribed under Environment (Protection) Rules, 1986.
12. Lagoon found full of algae. No proper cleaning done.
13. The unit has submitted the irrigation management plan validated by NSI, Kanpur.

**It is evident that the unit discharges untreated/partially treated effluents posing potential threat to surface water and ground water pollution..**

**AND WHEREAS**, The Hon'ble National Green Tribunal (NGT), Principal Bench in the matter of OA No. 593/2017 (WP (CIVIL) No. 375/2012), Paryavaran Suraksha Samiti & Anr. Vs. Union of India & Ors. directed Central Pollution Control Board (CPCB) that "*The CPCB may take penal action for failure, if any, against those accountable for setting up and maintaining STPs, CETPs and ETPs. CPCB may also assess and recover compensation for damage to the environment and said fund may be kept in a separate account and utilized in terms of an action plan for protection of the environment*"; and

**WHEREAS**, in compliance of above quoted Hon'ble NGT order, cases to be considered for levying penalty are discharges in violation of consent conditions/ not complying with the directions issued, such as direction for closure due to non-installation of OCEMS/ non-adherence to the action plans submitted/ intentional avoidance of data submission or data manipulation by tampering OCEMS; and

**WHEREAS**, as per the methodology for assessing penalty and environmental compensation, the environmental compensation to be levied to the unit is calculated as **Rs. 40,50,000/- (Rupees Forty Lakh Fifty Thousand only)** for the non-compliance period (30.11.2018 to 13.04.2019) for the crushing season 2018-19;

**NOW, THEREFORE**, in exercise of powers delegated to Chairman CPCB under Section 5 of the Environment (Protection) Act, 1986, the Unit (M/s Rudra Bilas Sahkari Chini Mills Ltd.,

Bilaspur, Dist. Rampur, U.P.) is directed to deposit **Rs. 40,50,000/- (Rupees Forty Lakh Fifty Thousand only) within 15 days** in CPCB A/c No. 532702050000164 (Bank name: Union Bank of India, IP Extension Branch, Vikas Marg Extn., Delhi; IFSC: UBIN0553271) towards environmental compensation and shall comply with the following directions;

1. The unit shall close down its Sugar manufacturing operations with immediate effect and shall not resume its operations till augmentation and upgradation of ETP system is carried out.
2. The unit shall submit adequacy assessment of treatment facility by reputed govt. institute including work completion report regarding implementation of the recommendations of the adequacy report within 45 days.
3. The unit shall seek permission from CPCB, after compliance of the above directions, before resumption of operation.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit (**M/s Rudra Bilas Sahkari Chini Mills Ltd., Bilaspur, Dist. Rampur, U.P.**) without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.

(S. P. SINGH PARIHAR)  
CHAIRMAN

10/6/15

**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  
: With request to ensure compliance  
of the directions
2. **Member Secretary**  
Uttar Pradesh Pollution Control Board,  
Building No. TC-12V, Vibhuthi Khand,  
Gomti Nagar, Lucknow - 226 010  
: With request to ensure compliance  
of the directions.
3. **Joint Secretary (CP Division)**  
Ministry of Environment, Forest & C.C  
Prithvi Block, Indira Paryavaran Bhawan,  
Jorbagh Road, New Delhi - 110 003  
: For kind information, please.
4. **District Magistrate**  
Rampur, U.P.  
: To ensure physical verification,  
closure, sealing and disconnection of  
power supply in compliance of  
closure direction.
5. **The Superintending Engineer**  
Rampur circle, P.W.D., Rampur  
: With a direction to disconnect power  
supply
6. **Regional Director**  
Regional Directorate  
Central Pollution Control Board, PICUP Bhawan,  
: For follow up and ensuring  
compliance.

Ground Floor, Vibhuti Khand, Gomti Nagar,  
Lucknow – 226 010

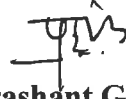
7. The In-charge, IT Division, CPCB

8. Master file/Guard file, WQM II, CPCB Delhi

9. The In-charge, F&A, CPCB

: For uploading direction of CPCB  
website

: For record



(Prashant Gargava)  
MEMBER SECRETARY