



Speed Post

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Oct 23<sup>rd</sup>, 2018  
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To,

M/s. Neoli Sugar Factory Ltd.  
Manpur, Nagaria  
Kasganj – 207 402  
Uttar Pradesh

**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. Neoli Sugar Factory Ltd., Manpur, Nagaria, Kasganj – 207 402, Uttar Pradesh (hereinafter referred as 'the unit') is involved in the process of sugar manufacturing from crushing of cane; and

**WHEREAS**, CPCB issued direction dated 20.04.2017 under Section 5 of Environment Protection Act, 1986 to the unit; and

**WHEREAS**, CPCB received adequacy assessment report *vide* letter dt. 10.08.2017 from the unit prepared by NSI, Kanpur; and

**WHEREAS**, CPCB issued direction dated 08.11.2017 under Section 5 of Environment Protection Act, 1986 to the unit. and

**WHEREAS**, the Unit has provided undertaking on stamp paper duly notarized on 16.11.2017 for not bypassing any type of untreated effluent even on their own land, and

(Contd..2/-)

**WHEREAS**, the Unit has submitted irrigation plan for the utilization of treated effluent prepared by Chandra Shekhar Azad University of Agriculture & Technology, Kanpur, U.P. on 08.11.2017, and

**WHEREAS**, the Unit was inspected on 13.03.2018 by officials from CPCB and following observations were made;

1. During inspection, the unit and ETP were operational.
2. The unit has consents under Water Act, 1974 and Air Act, 1981; with validity up to 31.12.2018.
3. The unit has applied for NOC from CGWA on 07.10.2017.
4. The unit has an average crushing of 2282.86 TCD. The license capacity is 2500 TCD.
5. Analysis of treated effluent sample showed pH – 8.03 against 5.5-9.0, BOD – 05 mg/l against 30 mg/l, COD - 56 mg/l against 250 mg/l at the outlet of ETP.
6. The unit does not have provision for separate spray pond overflow treatment.
7. Lagoon was not in use at the time of inspection due to collapse of lagoon bund.
8. An outlet was observed (connected to inlet), leading further to another narrow channel from unit. At the time of inspection, there was no flow in the outlet but it was found full of oil and grease. The effluent sample collected and analysed from this outlet showed pH: 8.30, BOD: 160 mg/L, COD; 630 mg/L, TSS: 379 mg/L, Oil & Grease: 17 mg/L, which indicated non-compliance with the effluent discharge standards.
9. The unit has not installed OCEMS in direct line of treated tertiary effluent stream. Rather, it is installed in a separate room where adequate flow is unavailable.

**AND WHEREAS**, CPCB issued closure direction dated 17.05.2018 under section 5 of the Environment (Protection) Act, 1986, the unit to comply with the following directions;

1. The unit is directed to close down its sugar manufacturing operations with immediate effect and shall not resume its operations.
2. The unit shall install & commission ETP system up to tertiary treatment level including adequate treatment system for spray pond overflow effluent in case of double sulphitation process.
3. The unit shall restrict the treated waste water storage lagoon capacity of 15 days for low demand period for irrigation.
4. The unit shall get the verification of implement status of the recommendation of adequacy report including ETP performance assessment & effluent generation assessment done by the same institute which carried out adequacy assessment and submit the report to CPCB.
5. The unit shall submit revalidated ETP adequacy assessment report to CPCB immediately.
6. The unit shall inform to CPCB about the closure of operation immediately.
7. The unit shall seek permission from CPCB before resumption of manufacturing operations.

**(Contd..3/-)**

**AND WHEREAS**, the Unit replied along with the revalidated adequacy assessment reports and irrigation management plan prepared by VSI, Pune vide letter dt. 09.05.2018 which was examined and following observations were made:

1. Flow meters to be installed at major unit operations to ascertain and control hot and cold-water requirement.
2. Flow meters to be installed at various consumption points.
3. The unit should also construct Hazardous tank to collect washing of chemical cleaning for adding it gradually in the ETP.
4. The unit is having adequate treatment facility for installed capacity of 2500 TCD and effluent generation is 190 litres/tonne for cane crushed.

**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.

**(Contd..4/-)**



**AND WHEREAS**, the Three Member Committee in its meeting held on 08.10.2018 examined the revalidated adequacy assessment report, & implementation status of the Charter and recommended that the unit may be allowed to resume operation.

**AND 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 is directed to comply with the following directions before commencement of crushing season 2018-2019;

1. The unit shall start its operation only after obtaining the valid consent from the Uttar Pradesh Pollution Control Board.
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 carry out colour coding of pipelines carrying recycled process water and fresh process water.
8. The Unit shall commission mechanical sludge handling system of adequate capacity
9. The unit shall carry out analysis of effluent discharge parameters notified under Environment (Protection) Rules, 1986 and logbook shall be maintained on daily basis.
10. The unit shall submit their compliance status of the Charter and 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.
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 govt. expert institute namely NSI Kanpur, VSI Pune, IITs during crushing season & submit the report to CPCB within 60 days of 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. Neoli Sugar Factory Ltd., Manpur, Nagaria, Kasganj, Uttar Pradesh**) without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.

  
(**S. P. SINGH PARIHAR**)  
CHAIRMAN

25.10.18 (Contd. to)

**Copy to:**

**1. Principal Secretary (Sugar)**  
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. The Chairperson**  
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. The District Magistrate**  
J.P. Nagar, U.P.

: With request to ensure compliance of  
the directions.

**5. The Superintending Engineer**  
Purvanchal Vidyut Vitaran Nigam Limited,  
J.P. Nagar, U.P.

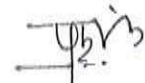
: To reconnect the power supply of the  
unit, please

**6. The Regional Director**  
Regional Directorate  
Central Pollution Control Board, PICUP  
Bhawan, Ground Floor, Vibhuthi Khand,  
Gomti Nagar, Lucknow – 226 010

:For follow up and ensuring  
compliance

✓ **7. The In-charge, IT Division, CPCB**

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



**(Prashant Gargava)**  
MEMBER SECRETARY