

**Speed Post**

B-190197/WQM-II/RG/CPCB/Sugar/54/2018-19

May 15<sup>th</sup>, 2018  
17<sup>th</sup>

To,

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

**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. 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 08.11.2017 under Section 5 of Environment Protection Act, 1986 to the unit to comply with the following directions:

1. The unit shall start operation only after obtaining valid consent from the concerned SPCB.
2. The unit shall submit an undertaking on stamp paper with duly notarized / signed by Oath Commissioner within a week for not bypassing any type of untreated effluent even on their own land.

3. The unit shall submit action plan within 15 days to implement the recommendations (including the general observations) of the adequacy report within 45 days.
4. The unit shall install and commission ETP system up to tertiary treatment level including adequate treatment system for spray pond overflow effluent in case of double sulphitation process (Brine recovery system to be installed in case of sugar refinery having Ion Exchange Process for sugar melt de-colourization).
5. The unit having high pressure boiler ( $> 45 \text{ kg/cm}^2$ ) shall install and commission Condensate Polishing Unit (CPU) within 45 days for treatment of condensate water to ensure its reuse and recycle within the process.
6. The unit shall restrict the effluent storage capacity to 15 days.
7. The unit shall utilize treated effluent meeting the prescribed norms for irrigation as per the irrigation management plan validated by expert institutions namely, NSI, Kanpur / VSI, Pune / Agricultural Institutions.
8. The unit shall implement the observation and recommendation of the adequacy report within 45 days.
9. The unit shall get the verification of implementation status of the recommendation of adequacy report including ETP performance assessment and effluent generation assessment done by the same institute which carried out adequacy assessment and submit the report to CPCB within 45 days from date of resumption of manufacturing operations.
10. The analysis results of the treated effluent shall also be submitted within 45 days through EPA recognized laboratories.
11. If the unit fails to provide the verification report duly validated by the expert institutions, the unit shall automatically stop all its manufacturing operations after 45 days from date of resumption of manufacturing operations.

**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

**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 (M/s. Neoli Sugar Factory Ltd., Manpur, Nagaria, Kasganj – 207 402, Uttar Pradesh) was inspected on 13.03.2018 by officials from CPCB and following observations are 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. ETP consists of Oil & Grease trap, Chemical Mixing Tank, Equalization Tank, Anaerobic filter tank, Aeration tank, Secondary Clarifier, Sludge drying beds, Tertiary treatment.
6. Analysis of treated effluent sample shows 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. MLSS was 3360 mg/L.
7. The unit does not have provision for separate spray pond overflow treatment.
8. Lagoon was not in use at the time of inspection due to collapse of lagoon bund.
9. 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 shows pH: 8.30, BOD: 160 mg/L, COD; 630 mg/L, TSS: 379 mg/L, Oil & Grease: 17 mg/L, which indicates non-compliance with the effluent discharge standards.
10. Flow meters at process were either not installed or found non-functional.
11. 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.

**It is evident that untreated/ partially treated effluent is being discharged by the unit, posing potential threat to surface water/ground water quality. The OCEMS is not installed at ETP outlet as per the guidelines.**

**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 (**M/s. Neoli Sugar Factory Ltd., Manpur, Nagaria, Kasganj – 207 402, Uttar Pradesh**) is directed to **close down its manufacturing operations immediately** and shall 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.

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 – 207 402, Uttar Pradesh) without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.

(S. P. SINGH PARIHAR)  
CHAIRMAN

**Copy to:**

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| <b>1. The Chairman</b><br>Uttar Pradesh Pollution Control Board,<br>Building No. TC-12V, Vibhuthi Khand,<br>Gomti Nagar, Lucknow – 226 010                                     | : With request to ensure compliance of the directions.                       |
| <b>2. Joint Secretary (CP Division)</b><br>Ministry of Environment, Forest & C.C<br>Prithvi Block, Indira Paryavaran Bhawan,<br>Jorbagh Road, New Delhi – 110 003              | : For kind information, please.  |
| <b>3. The District Magistrate</b><br>Kasganj, U.P.   | : With request to ensure closure of the unit in compliance of the directions |
| <b>4. The Superintending Engineer</b><br>Dakshinanchal Vidyut Vitaran Nigam Limited,<br>Agra, U.P.   | : With a direction to disconnect power supply                                |
| <b>5. The Regional Director</b><br>Regional Directorate<br>Central Pollution Control Board,<br>PICUP Bhawan,<br>Ground Floor, Vibhuti Khand,<br>Gomti Nagar, Lucknow – 226 010 | : For follow up and ensuring compliance.                                     |
| ✓ <b>6. The In-charge, IT Division, CPCB</b>   |  |
| <b>7. Master file/Guard file, WQM-II, CPCB Delhi</b>   |  |

  
(A. SUDHAKAR)  
MEMBER SECRETARY