

SPEED POST

B-190197/NGRBA (RG)/CPCB/Sugar/56/2016-17 /13553

November 8, 2017
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To,

**M/s Oswal Overseas Ltd. (Sugar Division),
Nawabganj, Bareilly
Uttar Pradesh-243407**

**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 & 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 Oswal Overseas Ltd. (Sugar Division), Nawabganj, Bareilly (hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

WHEREAS, the Unit was inspected by the officials of Central Pollution Control Board (CPCB) on 11.01.2017, and observed the following:

- i. The unit was found bypassing the untreated effluent with a concentration of **BOD-115mg/l** (against norms of 100mg/l), **TSS- 104 mg/l** (against norms of 100mg/l) into the agriculture field.
- ii. Analysis of treated effluent collected from the outlet of ETP shows **BOD-42.4mg/l** (against norms of 30mg/l), **TSS- 81.5 mg/l** (against norms of 30mg/l), which indicates non-compliance with the prescribed effluent discharge norms under E(P) Rules, 1986.
- iii. The unit has failed to establish the mini-cooling tower for recycling the excess condensate water to process.

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- iv. The unit has not provided lagoon for storing treated effluent in low demand period of irrigation.
- v. The unit has failed to implement the action plan for the irrigation.
- vi. The unit has not installed the flow-measuring device at the outlet of ETP.
- vii. The unit has not installed the electronic flow meter at the extraction points.

AND WHEREAS, CPCB issued show cause notice for closure dated 09.3.2017 to the unit to comply the following:

1. The unit shall also comply with the standards notified G.S.R. 35 (E), MoEF &CC, January 14, 2016 for effluent disposal, waste water conservation and pollution control management.
2. The unit shall closed the bypass channel of the untreated effluent.

WHEREAS, the unit's reply dated 10.04.2017 was examined and following observation made:

- a) The unit has constructed Pakka drain from plant to ETP so there is no chance for any type of leakage and slippage by the drain line.
- b) The unit has UGR for hot and cold water for recycling the excess condensate water to process.
- c) The unit is constructing the earthen lagoon with a capacity of 3800m³ and it will be completed in July 2017.
- d) The unit has not provided the irrigation management plan as well as no photographic evidence for installation of the flow meter at inlet and outlet of ETP.

AND WHEREAS, Central Pollution Control Board issued direction dated 06.06.2017 under Section 5 of the Environment (Protection) Act, 1986, the Unit (M/s Oswal Overseas Ltd. (Sugar Division), Nawabganj, Bareilly) is directed to comply with the following directions;

1. The unit shall remain closed till compliance with the following directions.
 - i. The unit shall submit the following reports to CPCB duly validated by reputed institutions like National Sugar Institute, Kanpur/Vasandada Sugar Institute, Pune /IITs;
 - a. ETP adequacy assessment reports;
 - b. time bound action plan for ETP augmentation & upgradation upto tertiary treatment level; to comply with the standards notified G.S.R. 35 (E), MoEF &CC, January 14, 2016 for effluent disposal, & waste water conservation.
 - c. water audit and mass balance report to establish waste water generation rate;
 - d. action plans to achieve the notified effluent discharge quality and generation standards.
 - e. Irrigation management plan as per the new notified standards on January 14, 2016; and

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- ii The unit shall restrict the storage capacity of lined lagoon upto 15 days of effluent generation.
- iii The unit shall meet the BOD-30mg/l standards for discharging any effluent on land /surface water body whereas effluent stored in lined lagoons/tanks of capacity not more than 15 days shall comply with BOD-100 mg/l standards.
2. The unit shall stabilize the ETP by September 2017 before commencing of the new crushing season. The unit will not be allowed to resume manufacturing operations till stabilization of ETP system.
3. The unit shall upgrade of process technology, ETP system & adapt the best practice in a time bound manner and submit a report to CPCB.
4. The unit shall seek permission from CPCB, after compliance with the above mentioned directions before resumption of manufacturing operations.

AND WHEREAS, the Unit has submitted the adequacy reports validated by NSI, Kanpur on 28.10.2017; and

WHEREAS, in the review meeting held with the sugar mills on 12.10.2017 at CPCB, Delhi, it was informed that the unit has started the stabilization of the ETP since 03.10.2017; and

WHEREAS, CPCB constituted a Three-member committee vide office order dated 27.09.2017 having representative from CPCB, MoEF &CC and NMCG for examination and recommendation for revocation of the closure direction issued by CPCB; and

WHEREAS, the Three member committee in its meeting held on 31.10.2017 examined the adequacy report of the Unit and recommended that the Unit may be allowed to resume operation with the following recommendations:-

- (i) The Unit shall submit action plan within 15 days to implement the recommendations (including the general observation) of the adequacy report within 45 days.
- (ii) The analysis result of the treated effluent shall also be submitted within 45 days through EPA recognized laboratories.

AND NOW, THEREFORE, in view of the above observation, and exercising powers delegated to the Chairman, Central Pollution Control Board under Section 5 of the Environment (Protection) Act, 1986, the Unit (M/s Oswal Overseas Ltd. (Sugar Division), Nawabganj, Bareilly) is directed to comply with the following directions;

1. The Unit shall start its operation only after obtaining valid consent from the concerned State Pollution Control Board.
2. The Unit shall submit action plan within 15 days to implement the recommendations (including the general observation) of the adequacy report within 45 days.
3. 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 (Brine recovery system to be installed in case of sugar refinery having Ion Exchange Process for sugar melt de-colorization).

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4. The Unit having high pressure boiler (>45 Kg/cm²) shall install & Commission Condensate Polishing Unit (CPU) within 45 days for treatment of condensate water to ensure its reuse & recycle within the process.
5. The Unit shall restrict the effluent storage capacity to 15 days.
6. The Unit shall utilise 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.
7. The Unit shall implement the observation and recommendation of the adequacy report within 45 days.
8. 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 within 45 days from date of resumption of manufacturing operations.
9. The analysis result of the treated effluent shall also be submitted within 45 days through EPA recognised laboratories.
10. 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.

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

(S.P. SINGH PARIHAR)
CHAIRMAN

Copy to:

1. **The Chairman**
Uttar Pradesh Pollution Control Board,
Building No. TC-12V, Vibhuti Khand, Gomti Nagar,
Lucknow – 226 010
: with a request to ensure compliance of the directions
2. **District Magistrate**
Bareilly, Uttar Pradesh
: To ensure closure as per directions
3. **The Advisor (CP Division)**
Ministry of Environment, Forests & Climate Change,
Indira Paryavaran Bhavan, Jor Bagh Road,
New Delhi – 110 003

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4. **The Superintending Engineer**
Paschimanchal Vidyut Vitaran Nigam Limited
Electricity Distribution Division
Bareilly, Uttar Pradesh
5. **Regional Director**
Regional Directorate,
Central Pollution Control Board,
Southernd Conclave, Block 502,,
5th & 6th Floors, 1582 Rajdanga Main Road
Kolkata - 700 107 (W. B.)
6. The In-charge IPC-III Division, CPCB Delhi.
7. The In-charge IT Division, CPCB, Delhi
8. Guard file/ Master File , WQM-II, CPCB, Delhi

: With a direction to
disconnect power supply

A. Sudhakar
(A. SUDHAKAR)
for MEMBER SECRETARY