

Speed Post

B-190198/WQM-II(RG)/CPCB/Sugar/90/2017-18

April 24th, 2018
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To,

M/s Indian Potash Ltd.
P.O.-Raja Bazar, Khadda,
District- Kushinagar, U.P.

**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 Indian Potash Ltd., Raja Bazar, Khadda, Kushinagar, 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 Indian Potash Ltd., Raja Bazar, Khadda, Kushinagar, U.P.) was inspected on 07.03.2018 by officials from CPCB, Delhi and following observations are made;

1. During the inspection, the Unit and ETP were operational.
2. The Unit has valid consent under Water (Prevention and Control of Pollution) Act, 1974 & Air (Prevention and Control of Pollution) Act, 1981 upto 31.12.2019.
3. The Unit has applied for NOC from Central Ground Water Authorisation (CGWA).

(Contd..2/-)

4. Effluent Treatment Plant (ETP) comprises of Oil & Grease trap, Equalisation Tank, Primary Clarifier, Aeration Tank, Secondary Clarifier, Tertiary treatment (Sand Filter & Activated Carbon Filter) and Sludge Drying Beds. However, Oil & Grease Skimmer was non-functional during inspection.
5. The Unit has not installed air mixing arrangement in equalisation tank.
6. The analysis of treated effluent sample shows pH-7.02, as against norms of 5.5-9.0, **BOD-248 mg/l** against norms of 30 mg/l, **COD-341 mg/l** against norms of 250 mg/l, & **TSS- 55.1 mg/l** against norms of 30 mg/l which indicates non-compliance w.r.t. BOD, COD & TSS with the effluent surface discharge norms prescribed under Environment (Protection) Rules, 1986.
7. Untreated effluent was observed in drain/ conveyance system nearby ETP which was connected with the conveyance system for irrigation purpose.
8. The analysis of untreated effluent sample from drain shows pH-6.84, as against norms of 5.5-9.0, **BOD-762 mg/l** against norms of 30 mg/l, **COD-1211 mg/l** against norms of 250 mg/l, & **TSS- 1233 mg/l** against norms of 30 mg/l which indicates non-compliance w.r.t. BOD, COD & TSS with the effluent surface discharge norms prescribed under Environment (Protection) Rules, 1986.
9. Leakage was observed in anaerobic media tank, due to which water logging was observed nearby tank.
10. The Unit has not installed flow meters at various locations of its process.
11. OCEMS is installed and connected to CPCB server but there is variation in OCEMS data and analysis results of treated effluent which indicates that OCEMS system installed is not properly calibrated.
12. Proper logbook was not maintained by the Unit for generation and disposal of ETP sludge, press mud, boiler ash, used oil etc.
13. The Unit has two low-pressure boilers with a capacity of 25 TPH.
14. The Unit has an unlined permeable lagoon with capacity of 1500 m³.
15. The Unit does not have irrigation management plan and treated effluent is directly discharged into drain which is being used by farmers.
16. ETP adequacy assessment of the Unit was carried out by VSI, Pune.

It is evident that untreated/ partially treated effluent is being discharged by the Unit, posing potential threat to surface water/ground water quality.

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 Indian Potash Ltd., Raja Bazar, Khadda, Kushinagar, U.P.) 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.

(Contd..3/-)

2. The Unit shall install & Commission ETP system upto tertiary treatment level including adequate treatment system for spray pond overflow effluent in case of double sulphitation process.
3. The Unit shall restrict the effluent storage capacity to 15 days and shall construct lined lagoon.
4. The Unit shall submit irrigation management plan and 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.
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 stop bypassing of effluent and dismantle bypass arrangement immediately.
8. 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 Indian Potash Ltd., Raja Bazar, Khadda, Kushinagar, U.P.**) without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.

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(S. P. SINGH PARIHAR)
CHAIRMAN

Copy to:

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|---|---|
| 1. 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. |
| 2. 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. |
| 3. District Magistrate Kushinagar, U.P. | : With request to ensure closure of the unit in compliance of the directions |
| 4. Superintending Engineer Madhyanchal Vidyut Vitaran Nigam Ltd Kushinagar, U.P. | : With a direction to disconnect power supply |

(Contd..4/-)

5. **Regional Director**

Regional Directorate

Central Pollution Control Board, PICUP

Bhawan, Ground Floor, Vibhuti Khand,

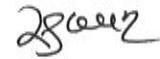
Gomti Nagar,

Lucknow – 226 010

6. In-charge, IT Division, CPCB

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

: For follow up and ensuring
compliance



(A SUDHAKAR)

MEMBER SECRETARY