

BY REGISTERED AD

No.B-696(S)/IPC-III/2019-20/ 1337

May 15, 2019

To

M/s. Indian Potash Limited (Sugar Division),
Siswa Bazar, Maharajganj
U.P.

DIRECION 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, the inspection **M/s. Indian Potash Limited (Sugar Division), Siswa Bazar, Maharajganj, U.P. (hereinafter referred as 'the Unit')** was carried out by joint team of CPCB, RD(N), Lucknow and UPPCB, RO, Gorakhpur on 11.04.2019 as a part of inspection carried out on the basis of SMS alert generated from the online monitoring system. Following major observations were made during the visit:

1. The unit having installed/consented cane crushing capacity of 2500TCD was found operational on the day of visit with current cane crushing of 2010 TCD.
2. The unit has three (03) bore wells to meet its fresh water requirement.
3. The unit has obtained NOC from CGWA, which is valid upto 27.02.2020.
4. The unit is having ETP comprising of Bar Screen, Mechanical Oil & Grease Trap, Chemical Dosing Tank, Equalization Tank, Primary Clarifier, Anaerobic Tank, Aeration Tank, Secondary Clarifier, Pressure Sand Filter, Activated Carbon Filter and sludge drying beds.
5. During inspection, ETP was in operation. Sample was collected from inlet of ETP and outlet of ETP. Analysis results are presented below:

Sampling locations	Parameters				
	pH	TSS (mg/l)	TDS (mg/l)	BOD (mg/l)	COD (mg/l)
Inlet of ETP	6.14	296	1106	1419	1773
Outlet of ETP	7.94	202	650	7.96	36.8
OCEMS Value	7.22	3.1	--	10.9	86.9
Standards as per G.S.R.35(E), dated 14.01.2016	5.5-8.5	100	2100	100	---

It is evident from the results that unit is not meeting with stipulated norms of effluent disposal on land with respect of TSS parameter.

6. The Equalization tank is not equipped with any mixing arrangement.
7. The launder of the Primary Clarifier was not levelled.
8. The secondary clarifier was found overflowing.
9. During inspection, it was observed that the unit was found bypassing effluent through two drains. Sample was collected from the bypass drains. Analysis results are presented below:

Sampling locations	Parameters				
	pH	TSS (mg/l)	TDS (mg/l)	BOD (mg/l)	COD (mg/l)
Bypass drain-1	6.58	141	1075	323	543
Bypass drain-2	4.99	190	1499	857	1277
Standards as per G.S.R.35(E), dated 14.01.2016	5.5-8.5	100	2100	100	---

It is evident from the results that the unit was **bypassing untreated effluent**.

10. The unit has not provided any Sewage Treatment Plant (STP) for treatment of domestic waste water. It was informed that domestic waste water is treated in septic tank.
11. As per consent granted by UPPCB, "Treated effluent shall be reused for irrigation and recycle probability as per notification dated 14.01.2016 of MoEF&CC". The unit has not made any irrigation plan. Treated effluent stored in lagoon is discharged into drain.
12. The unit has not obtained HW authorization for management, handling and disposal of HW generated from the unit.

WHEREAS, the observations as listed above substantiate that the unit is a serious defaulter as it was discharging untreated effluent to the environment and has been seriously violating the norms prescribed for on land discharge. Thus poses serious threat to the environment & ground/ surface water quality; and;

WHEREAS, as per the sub rule (5) of the Rule 4 of the Environment (Protection) Rules, 1986, it is not expedient to provide opportunity to file objection against the proposed direction in view of the likelihood of a grave injury to the environment and CPCB considers that the act of the unit, as described in above paragraphs, causes grave injury to the environment.

NOW, THEREFORE, in view of the above, and exercising the powers delegated to the Chairman, Central Pollution Control Board (CPCB) under section 5 of the Environment (Protection) Act, 1986, **M/s. Indian Potash Limited (Sugar Division), Siswa Bazar, Maharajganj, U.P.** is hereby directed to **"immediately close down all its manufacturing operations and not to restart manufacturing"** till it complies with the following directions:

1. The unit should immediately discontinue discharge of effluent not conforming to the notified standards to the ground/irrigation.
2. The unit shall immediately stop by-passing of untreated effluent and dismantle the bypass drains. All effluent stream should be routed through ETP.
3. The unit shall provide proper mixing arrangement system in Equalization Tank for proper equalization and launder of clarifiers should be proper levelled.
4. The unit should ensure operation & maintenance of the ETP so that to achieve the prescribed norms.
5. The unit shall carry out adequacy assessment of ETP through reputed organisation/institute preferably IIT/VSI/NEERI/NSI & accordingly upgrade its ETP so as to meet the prescribed discharge standards by UPPCB.
6. The unit shall prepare and submit a comprehensive irrigation management plan for utilisation of treated effluent from ETP in accordance with the notified treated irrigation protocol for Sugar industries and ensure compliance of treated effluent loading rate for irrigation.
7. The unit shall obtain HW Authorization for management, Handling and Disposal of HW generated from UPPCB.
8. The unit shall ensure periodic calibration of the analyzers as per Standard Operating Procedure/recommendations of the supplier and submit the calibration results.
9. The unit shall provide proper display board at entrance of the factory displaying details about hazardous waste generated, quantity and nature of hazardous chemicals being used, water and air emissions and solid waste generated in the plant.
10. The unit shall improve housekeeping within the plant.
11. The unit shall report to CPCB regarding closure of manufacturing operations in compliance of the direction immediately on receipt of this direction.
12. The unit shall seek permission from CPCB before resumption of the manufacturing operations.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit, 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 Member Secretary,** : For ensuring compliance of directions please.
Uttar Pradesh Pollution Control Board
Building No. TC-12V,
Vibhuthikhand, Gomti Nagar,
Lucknow-226010
- 2) **The Regional Directorate,** : For follow up and ensuring compliance of the
Central Pollution Control Board, directions, please.
PICUP Bhawan, Ground Floor, Vibhuthi
Khand Gomti Nagar,
Lucknow -226010
- 3) **The District Magistrate,** : For information and n.a please
Collectorate office,
Dist- Maharajganj,
Uttar Pradesh-273164
- 4) **The Superintendent Engineer,** : With a direction to disconnect the power
Uttar Pradesh Power Corporation Ltd., supply to the industrial unit
(UPPCL), Maharajganj,
Uttar Pradesh -273164
- 5) **Joint Secretary (CP Division),** : For information please.
Ministry of Environment, Forests & CC,
Prithvi Block, Indira Paryavaran
Bhawan, Jorbagh Road,
New Delhi - 110 003
- 6) **The Div. Head, IT Division, CPCB Delhi** : To upload direction, please.
- 7) **The Div. Head, IPC-VI, Division, CPCB** : For information please.
Delhi
- 8) **The Div. Head, IPC-III Division, CPCB** For records purpose.
Delhi

(Prashant Gargava)
MEMBER SECRETARY