



Speed Post

CPCB/IPC-IV/Biogas/2021/4033

July 28, 2021

To,

~~The Chairman  
Punjab Pollution Control Board  
Vatavaran Bhawan, Nabha Road  
Patiala - 147001 (Punjab)~~

**Directions under Section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974, and the Air (Prevention and Control of Pollution) Act, 1981 for Closure of M/s Punjab Genco Ltd., Ludhiana**

**WHEREAS**, as per under Section 17 of the Water (Prevention and Control of Pollution) Act, 1974, one of the function of Punjab Pollution Control Board (PPCB), constituted under the Water (Prevention and Control of Pollution) Act, 1974 is to plan a comprehensive programme for the Prevention, Control or Abatement of Water Pollution in the State of Punjab and to secure the execution thereof;

**WHEREAS**, as per under Section 17 of the Air (Prevention and Control of Pollution) Act, 1981, one of the function of Punjab Pollution Control Board (PPCB), constituted under the Air (Prevention and Control of Pollution) Act, 1981 is to plan a comprehensive programme for the Prevention, Control or Abatement of Air Pollution in the State of Punjab and to secure the execution thereof;

**WHEREAS**, as per Rule 6 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, the occupier engaged in handling, generation, collection, storage, packaging, co-processing, utilization, offering for sale, transfer or disposal of hazardous and other waste shall obtain authorization from State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs);

**WHEREAS**, the surprise inspection of the M/s Punjab Genco Ltd., Haibowal Dairy Complex, Ludhiana – 141006 (Punjab) (hereafter referred as 'The Unit') was carried out by CPCB officials on 24.06.2021 under special drive in the catchment area of river Satluj to verify the prevention, control or abatement of pollution;

**WHEREAS**, the unit has installed 1000 KW (1.0 MW) capacity Cattle Dung based high-rate bio-methanation power plant at Haibowal Dairy Complex, Ludhiana. It informed that the plant was operated at 400 KW (0.4 MW) capacity. The unit has installed facility for generation of compressed Bio-gas (CBG-350 m<sup>3</sup>/hr) and CO<sub>2</sub> Bottling plant in year 2015, however, these facilities CBG/CO<sub>2</sub> are under trial run;

**WHEREAS**, the unit has installed two mixing tank for makeup of cattle dung slurry to feed into BIMA Digester (Biogas Induced Mixing Arrangement). The over-flow of BIMA Digester is collected in the collection tank and is fed into the screw press for removal of solids and its liquid. The liquid portion of the screw press is further treated through in-house ETP of capacity 250 KLD comprising of Collection Tank, Aeration Tank and Secondary Clarifier;

**WHEREAS**, the inspecting team observed that no effluent being discharged from the unit's premise and ETP treated water is recycled & reused into the mixing tank for makeup of cattle dung slurry;

**WHEREAS**, the unit meets its water requirement for industrial and domestic use, through two tube wells. These tube-wells are equipped with mechanical type water meter but record of the same was not maintained;

**WHEREAS**, the unit is drawing groundwater through two tube wells without NOC from Central Ground Water Authority (CGWA);

**WHEREAS**, the unit is operating without valid consents under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 and also, authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 from PPCB. However, the unit representative informed that they have applied to PPCB for their renewal, but, no copy provided to inspecting team;

**NOW, THEREFORE**, in exercise of powers vested under the under Section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974, and the Air (Prevention and Control of Pollution) Act, 1981, directions are hereby issued to Punjab Pollution Control Board not to allow operation of M/s Punjab Genco Ltd., Haibowal Dairy Complex, Ludhiana – 141006 (Punjab) till it complies with the followings:

- i. It obtains valid consents under the Water Act, 1974 and the Air Act, 1981; and
- ii. It obtains authorization under the Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016; and
- iii. It obtains NOC from CGWA for abstraction of ground water; and
- iv. It installs electromagnetic flow meter at tube-wells and maintain the record of the same; and
- v. It provides web-camera at ETP connected to CPCB & PPCB server to monitor status of Zero Liquid Discharge (ZLD) as claimed; and
- vi. Whenever, treated water is discharges outside the unit premises it should always qualify the discharged standards prescribed by PPCB.

The Action Taken Report (ATR) shall be submitted to the Central Pollution Control Board within 15 days from the receipt of these directions.

  
(NARESH PAL GANGWAR)  
CHAIRMAN

Copy to:

- (1) The Regional Director : For information and necessary follow up  
Regional Directorate (Chandigarh) with SPCB, please  
Central Pollution Control Board  
Second Floor, BSNL Telephone  
Exchange, Sector- 49,  
Chandigarh-160047
- (2) The Incharge (CP Division) : For information, please  
Ministry of Environment, Forest & CC  
Prithvi Block, Indira Paryavaran  
Bhawan, Jorbagh Road,  
New Delhi-110003
- ✓(3) The Div. Head, IT Division, CPCB, : For uploading on CPCB website, please  
Delhi
- (4) The Div. Head, IPC-VI Division, : For information, please  
CPCB, Delhi
- (5) The Div. Head, WQM-I Division, : For information, please  
CPCB, Delhi

  
(PRASHANT GARGAVA)  
MEMBER SECRETARY