



SPEED POST

B-190197/WQM-II(RG)/CPCB/Sugar/80/2017-18 15213

January 03rd, 2019
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To,

M/s Wave Industries Ltd.,
Panni Nagar, Bulandshahar,
Uttar Pradesh-203001

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 Wave Industries Ltd., Panni Nagar, Bulandshahar, U.P. (hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

WHEREAS, CPCB issued direction dated 16.06.2017 to the Unit under section 5 of Environment Protection Act, 1986 to the Unit for carrying out ETP adequacy assessment by reputed institutions; and

WHEREAS, the Unit has submitted adequacy reports vide letter dt. 26.12.2017 prepared by NSI, Kanpur; and

WHEREAS, the Unit was inspected on 05.02.2018 by officials from CPCB, Delhi and following observations were made;

1. The Unit was operational. However, ETP was partially functional and treated effluent was not flowing from outlet of ETP. Therefore, lagoon was empty and sample could not be taken from outlet of ETP due to non-availability of treated water. (Contd..2/-)

M/s Wave Industries Ltd., Panni Nagar, Bulandshahar, U.P.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032
Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

2. The Unit was operational without having valid consent to operate. However, the Unit has applied for obtaining consent under Water (Prevention and Control of Pollution) Act, 1974 & Air (Prevention and Control of Pollution) Act, 1981.
3. Flowmeters were installed at both bore well. However, log book was not maintained for abstraction and consumption of water.

WHEREAS, the Unit was re-inspected on 13.04.2018 by officials from CPCB, Delhi and following observations were made;

1. The Unit was operational without having valid consent to operate. However, the Unit has applied for valid consent under Water (Prevention and Control of Pollution) Act, 1974 & Air (Prevention and Control of Pollution) Act, 1981.
2. Analysis of treated effluent sample shows pH-7.48 as against norms of 5.5-9.0, BOD-05 mg/l against norms of 30 mg/l, COD- 41 mg/l against norms of 250 mg/l & TSS-BDL against norms of 30 mg/l.
3. MLSS in aeration tank was 421 mg/l which indicates unstabilised aeration tank and possibility of dilution of ETP system.
4. The Unit was operational in violation of CPCB closure direction dated 16.06.2017 issued under section 5 of Environment (Protection) Act, 1986.

WHEREAS, a meeting of sugar mills operating in Uttar Pradesh, representatives of UPPCB and CPCB was held on 06.07.2018 under Chairmanship of Principal Secretary, Sugar Industries and Sugarcane Development, Government of Uttar Pradesh and the following decisions are made;

1. Sugar Mills shall submit an action plan to CPCB by 20.07.2018 regarding the steps taken by them pertaining to the notices issued to them. Also they shall submit action plan to implement recommendations of their adequacy assessment report.
2. All sugar mills shall ensure implementation of Charter and shall submit action plan to CPCB by 20.08.2018.
3. All sugar mills shall ensure the upgradation of their ETP within August, 2018 so as to ensure no interruption in functioning of the ETP in the following seasons.
4. All sugar mills shall maintain a logbook on ETP operations on a daily basis.
5. ETP shall be operational at all times and all bypass arrangements should be dismantled with immediate effect.
6. MLSS in aeration tanks should be maintained at 2000-2500 mg/l.
7. All sugar units shall set up environmental laboratories for regular analysis of raw and treated effluent thereby ensuring proper functioning of the ETP.
8. All sugar mills shall employ dedicated technicians for operating and regular maintenance of ETP and shall also ensure that the technicians are given proper training on ETP maintenance and lab analysis on regular basis.
9. To ensure proper training of the environmental technicians all sugar mills shall facilitate training of 5 employees.

(Contd..3/-)

10. All sugar mills may establish an Environment Management Cell at their level consisting of concerned officials in order to ensure compliance with environmental standards at industry level itself.

WHEREAS, CPCB issued direction dated 14.08.2018 to the Unit under section 5 of Environment (Protection) Act, 1986 to the Unit to remain closed; and

WHEREAS, the Unit submitted the revalidated adequacy assessment reports prepared by NSI, Kanpur vide letter dt. 26.08.2018 which was examined and following observations were made:

1. Flow meters to be installed at major unit operations to ascertain and control hot and cold-water requirement.
2. Flow meters to be installed for measuring overflow from spray pond.
3. The unit shall install system for sulphate removal from spray pond overflow.
4. The unit shall improve documentation by maintaining proper printed log books.
5. The unit is having adequate treatment system for installed capacity of 2500 TCD and effluent generation is estimated as 230 l/t of cane crushed.

WHEREAS, CPCB through an Expert Committee comprising of experts from National Sugar Institute (NSI), Kanpur, Vasantdada Sugar Institute (VSI), IITs and representatives from sugar mills prepared a Charter for Water Recycling and Pollution Prevention (thereafter referred to as the Charter; and

WHEREAS, the unit vide letter dated 29.10.2018 submitted their compliance status of the Charter; and

WHEREAS, the Three Member Committee in its meeting held on 30.11.2018 examined the revalidated adequacy assessment report, & implementation status of the Charter and recommended that the unit may be allowed to resume operation.

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 Wave Industries Ltd., Panni Nagar, Bulandshahar.U.P) is directed to comply the following directions before commencement of crushing season 2018-2019;

1. The unit shall start its operation only after obtaining the valid consent from the Uttar Pradesh Pollution Control Board.
2. The unit shall implement the observation & recommendation of the revalidated adequacy assessment of ETP.
3. The unit shall install sealed flow meter along with running hours meter on bore wells so as to ascertain usage of fresh water for various uses.
4. The unit shall install flow meters at major areas of cold and hot water consumption.
5. The unit shall install flow meters for measuring generation of effluent from various prominent areas.

(Contd..4/-)

6. The unit shall maintain logbook for individual process unit for recording daily water consumption and effluent generation also.
7. The unit shall carry out colour coding of pipelines carrying recycled process water and fresh process water.
8. The Unit shall commission mechanical sludge handling system of adequate capacity
9. The unit shall carry out analysis of effluent discharge parameters notified under Environment (Protection) Rules, 1986 and logbook shall be maintained on daily basis.
10. The unit shall submit the implementation status of the Charter in the form of Affidavit and documentary proof of the completion of the work as committed in the action plan.
11. The unit shall submit implementation status of the Charter and performance adequacy audit of ETP including actual assessment of water consumption and effluent generation duly validated by reputed expert institute namely NSI Kanpur, VSI Pune, IITs during crushing season & submit report to CPCB within 45 days of resumption of operation.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit (**M/s Wave Industries Ltd., Panni Nagar, Bulandshahar, U.P**) without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.

24/07/19

(S. P. SINGH PARIHAR)
CHAIRMAN

Copy to:

1. **Principal Secretary (Sugar)**
Sugar Industry and Cane Development
Department, "G" Block, 2/3, Mantri Wing, 4th
Floor, Bapu Bhawan, Vidhan Sabha Marg
Lucknow - 226 001
2. **The Chairman**
Uttar Pradesh Pollution Control Board,
Building No. TC-12V, Vibhuthi Khand,
Gomti Nagar, Lucknow - 226 010
3. **Joint Secretary (CP Division)**
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi - 110 003

With request to ensure compliance of the directions

:With request to ensure compliance of the directions.

: For kind information, please.

(Contd..5/-)

4. The District Magistrate
Bulandshahar-203001, U.P.

5. The Superintending Engineer
Electricity Distribution Division
Paschimanchal Vidyut Vitran Nigam Limited
Bulandshahar-262201, U.P.

6. The Regional Director
Regional Directorat, Central Pollution Control
Board, PICUP Bhawan, Ground Floor, Vibhuti
Khand, Gomti Nagar, Lucknow – 226 010

✓ **7. The In-charge, IT Division, CPCB**

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

: With request to compliance of the
directions

: To connect the power supply of
the unit, Please

: For follow up and ensuring
compliance


(Prashant Gargava)
MEMBER SECRETARY