

Speed Post

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May 04, 2020

To,

M/s Jagrati Sugar and Allied Industries Ltd.,
Vill. TalegaonBhoj,
Ta.Devni, Dist. Latur,
Maharashtra

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, 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, the inspection of the M/s Jagrati Sugar and Allied Industries Ltd., Vill. Talegaon Bhoj, Ta.Devni, Dist. Latur, Maharashtra(unit)was carried out on 26.02.2020 by the team from Regional Directorate (West), CPCB, Vadodara under the OCEMS Surveillance programme based on SMS Alert/Offline status of the online Monitoring System. Following major observations were made during the visit:

1. The unit is inspected on 26.02.2020 by the team of RD, CPCB (W), Vadodara
2. The unit is having **2500** TCD (tons cane crushing per day) capacity.
3. The unit has combined consent order of Air, Water under Air & Water Act issued by MPCB, which was valid up to 31.07.2019 and applied for CC&A to MPCB vide dated 03.07.2019.
4. During the visit the unit was found operational.
5. ETP (370 KLDP) was in operation during visit. The unit has provided ETP comprised of following: Effluent Collection Chamber→ O&G Chamber and grit removal manually → Equalisation Tank→ Reaction Tank (pH adjustment) → Primary

clarifier→ Sump→ Aeration Tank (Diffused aeration) → Secondary Clarifier→ Treated effluent holding sump→ dual media filter (OCEMS installed at outlet) →Holding Tank → Irrigation.

6. During inspection, the team has collected samples from ETP and analysis results are presented below:

Locations	Parameters						
	pH	TSS	TDS	COD	BOD	O&G	Chloride
Equalization tank inlet	3.97	328	6724	7958	6275	-	69
Outlet of Dual media Filter(OCEMS sampling line)	6.21	380	5543	8928	5214	-	218
Treated effluent holding tank	5.91	432	8444	9140	7489	52.5	272
OCEMS values	6.08	9.54	-36	18	-	-	-
MPCB norms for outlet	5.5-9	100	2100	250	100	10	600

All values are in mg/l except pH

7. As per the analysis results of treated effluent holding tank and outlet of dual media filter, the industry is observed non-complaint with the prescribed discharge standards of MPCB. However, OCEMS reading were very less than the analytical results.
8. From the analysis results, it can be inferred that ETP is not functioning properly for the treatment of organic load in wastewater.
9. The sludge drying bed has four compartments. All the compartments were overloaded and the sludge also found stored in open. Provision for sludge drying bed leachate to reaction tank was observed installed. However, the leachate was found drained out in adjacent area.
10. At some of the places, effluents and blow down water were disposed on land such as near ETP, near Molasses tank, boiler blow down & steam condensate.
11. One wall of a holding sump was fallen. In such condition wastewater spread before dual media filtration cannot be overruled in proper operational condition of ETP at full load.
12. Sampling line of OCEMS was taken from dual media filter outlet. A view of OCEMS display, freshwater readings of OCEMS were not proper (pH-6.06, TSS-64.1 mg/l, COD-67.3 mg/l and BOD-33.8 mg/l). Thus the OCEMS calibration and maintenance issue exists for analysers.
13. The unit has not provided flow meter at required locations to ensure compliance with GSR 35 (E) dated 14.01.2016 for the observing water use efficiency.
14. The unit has not prepared irrigation management plan based on soil quality of the area.
15. The unit is presently having two molasses tank in use. The garland drain around one molasses tank, its collection and diversion to ETP is not established.
16. The unit practices rainwater harvesting and developed greenbelt.
17. The unit has informed that it supplies ash to the brick manufacturer and molasses is sold to various users. There is no management plan for press mud.
18. It was very difficult to differentiate the line of fresh water and recycled water.
19. Large amount of fly ash was observed openly stored.

20. The stack monitoring results reveals that the unit is non-compliant with respect to particulate matter emission from the stack of bagasse fired boilers (PM- 858 mg/Nm³ against 150mg/Nm³).

WHEREAS, the observations as listed above substantiate that the unit is a serious defaulter. The unit has been seriously violating the norms prescribed for on land discharge and emission from boiler stack and thus poses serious threat to the environment & ground 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 Jagrati Sugar and Allied Industries Ltd., Vill. Talegaon Bhoj, Ta.Devni, Dist. Latur, Maharashtra** 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. Unit shall carry out required augmentation/maintenance of the APCD attached to boiler stack so as to achieve the prescribed emission standards for P.M.
3. The unit shall obtain valid Consent to Operate under the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, from MPCB.
4. The unit shall obtain HW Authorization for management, Handling and Disposal of HW generated from MPCB.
5. The unit should ensure operation & maintenance of the ETP so that to achieve the prescribed norms.
6. 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.
7. The unit shall ensure periodic calibration of the analyzers as per Standard Operating Procedure/recommendations of the supplier and submit the calibration results.
8. The unit shall install flow meter at all water abstraction points for measuring water consumption & maintain log book for the same.
9. The unit shall maintain the record of operation & maintenance of ETP w.r.t. effluent treated, energy & chemical consumption.

10. 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.
11. The unit shall carry out adequacy assessment report of ETP through reputed Government institutes such as IIT/NEERI/VSI/NSI & accordingly augment the ETP provided so as to achieve the prescribed discharge standards by MPCB.
12. Unit shall ensure to engage skilled manpower for operation & maintenance of ETP.
13. Proper colour coding of pipelines to demarcate recycled water lines.
14. Improve housekeeping within the plant and the unit shall ensure disposal of the fly ash for reutilization, bagasse disposal and proper press mud disposal.
15. The unit shall report to CPCB regarding closure of manufacturing operations in compliance of the direction immediately on receipt of this direction.
16. 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.


(RAVI S. PRASAD)
CHAIRMAN

Copy to:

- 1) **The Member Secretary** : *For ensuring compliance, compliance of directions please.*
Maharashtra Pollution Control Board
2nd, 3rd & 4th Floor,
Opp. Cine Planet, Near Sion Circle,
Sion (E), Mumbai- 400022
- 2) **The Regional Director,** : *For follow up and ensuring compliance of the directions, please.*
CPCB Regional Directorate,
Parivesh Bhawan,
Opp. Ward No. 10 VMC Office Subhanpura,
Vadodara-390 023
- 3) **The District Magistrate,** : *For information and n.a please*
Collectorate office, Dist- Latur,
Maharashtra

4) **The Superintendent Engineer,**
Maharashtra State Electricity Distribution,
Dist- Latur, **Maharashtra - 413501**

*:With a direction to disconnect
the power supply to the
industrial unit.*

5) **The In-charge, (CP Division),**
Ministry of Environment, Forests & CC,
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi - 110 003

: For information, pl.

✓ 6) The Div. Head, IT Division, CPCB Delhi

7) The Div. Head, IPC-VI, Division, CPCB Delhi

8) The Div. Head, IPC-III Division, CPCB Delhi

(Prashant Gargava)
MEMBER SECRETARY