

Speed Post

F.No. B-790(S)/IPC-III/2019-20/171

May 04, 2020

To,

**M/s Lokmangal Agro Industries Ltd.,
G. No. 516, 517 & 520, A/p. Bibi Darpal,
Tal. North Solapur, Dist. Solapur,
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 Lokmangal Agro Industries Ltd., G. No. 516, 517 & 520, A/p. Bibi Darpal, Tal. North Solapur, Dist. Solapur, Maharashtra** (the unit) was carried out on 11.02.2020 by the team from CPCB, Regional Directorate (West) Vadodara under the OCEMS Surveillance. Following major observations were made during the visit:

1. During the inspection the unit was found operational.
2. The unit is having 2500 TCD (tons cane crushing per day) capacity and have combined consent order of Air, Water under Air & Water Act and Authorization under rule 6 of the hazardous waste issued by MPCB, which is valid up to 31.07.2020.
3. ETP was in operation during visit. The unit has provided ETP with primary, secondary and tertiary treatment. The process flow of the ETP is depicted below:

4. Inlet → Screen Chamber → Settling tank → O&G trap → Equalization Tank → Flash Mixer and Chemical dosing → Buffer Tank → UASBR (02 nos. parallel) → Primary clarifier → Aeration Tank → Secondary Clarifier → Final treated tank → Mixed Bed Filter → Outlet of ETP to land for irrigation.
5. During inspection, the team has collected samples from wastewater inlet channel and outlet discharge pipeline of the ETP. Analysis results are presented below:

	Parameters							
	pH	TSS	BOD	COD	Chloride	O&G	TDS	Sulphate
Inlet	5.3	180	6300	11718	499	--	8007	121.9
Outlet	8.69	168	126	251	269	1.6	4744	69.4
MPCB norms for outlet	5.5-9	100	100	250	600	10	2100	1000

All values are in mg/l except pH

6. The unit is non-complying as the analysis results of the sample collected from the outlet of the unit has concentration of TSS, BOD, COD and TDS exceeding the MPCB discharge norms.
7. The ETP receives wastewater through an open channel. A V-notch has been provided (without any digital device) at the inlet of ETP for manual measurement of inlet flow of wastewater.
8. The unit has provided anaerobic digesters (02 nos. UASBR) in parallel. During visit it was observed that the biogas generated from both the digesters was separately flared into the atmosphere. It was gathered that the bio-gas was not stored/utilized in the process as the quantity and pressure of gas generated from the reactors is low.
9. The unit has provided a boiler of capacity 40 TPH and uses bagasse generated in the process as fuel.
10. The unit has not provided OCEMS at the stack, however port hole for OCEMS analyser has been provided at the stack.
11. As per CCA, the fly ash is to be disposed by sale to brick manufacturers. The unit submitted scanned copies of agreements with brick manufacturers. However, it was gathered that the bottom ash and fly ash is sent to nearby distillery for use in bio-compost.

As evident from above observations, the Unit was found non-complying with the prescribed effluent discharge standards w.r.t TSS, BOD, COD and TDS.

AND NOW, THEREFORE, in view of the above observations and in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, **notice is served herewith to show cause why M/s Lokmanagal Agro Industries Ltd., G. No. 516, 517 & 520, A/p. Bibi Darpal, Tal. North Solapur, Dist. Solapur, Maharashtra should not be closed down** until all the necessary pollution control measures are

planned and implemented so as to comply with the prescribed effluent discharge standards to the satisfaction of CPCB.

You are hereby given an opportunity to file your objections (if any) to the above proposed directions within 15 days from the receipt of this notice, failing which it will be presumed that you have nothing to say and appropriate action, in accordance with the provisions of the Environment (Protection) Act, 1986, will be taken against the Unit without giving any further notice.

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(RAVI S. PRASAD)
CHAIRMAN

Copy to:

1. **The Member Secretary** : For necessary action pl
Maharashtra Pollution Control Board
2nd, 3rd & 4th Floor,
Opp. Cine Planet, Near Sion Circle,
Sion (E), **Mumbai- 400022**
2. **The Regional Director (West),** : For information, pl
Central Pollution Control Board
Parivesh Bhawan,
Opp. Ward No. 10 VMC Office Subhanpura,
Vadodara-390 023
3. **The In-charge, (CP Division),** : For information, pl
Ministry of Environment, Forests & CC,
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110 003
- ✓ 4. **The Divisional Head, IT Division, CPCB, Delhi** : To upload direction at CPCB website
5. **The Divisional Head, IPC-III, CPCB, Delhi** : For record purpose


(Prashant Gargava)
MEMBER SECRETARY