DIRECTIONS

Sub: PCB - TF-HO - M/s. Sentini Bio Products (P) Ltd., Gandepalli (V), Kanchikacherla (M), Krishna District – Complaint received against the industry on water & air pollution and non-compliance of consent conditions and Board directions – Legal Hearing held on 09.11.2017 - Directions – Issued - Reg.

5. Directions Order No.492/PCB/TF-HO/2015, dt.01.03.2017.
7. RO officials, Vijayawada inspected the industry on 09.08.2017 & 08.09.2017.

WHEREAS you are operating industry in the name & style of M/s. Sentini Bio Products Pvt. Ltd., at Gandepalli (V), Kanchikacherla (M), Krishna District is a Grain based distillery with a production (Rectified spirit / Extra Neutral Alcohol / Ethanol) capacity of 125 KLD and Electricity – 4 MW.

WHEREAS the Board issued certain directions vide reference 1st cited to the industry on 20.01.2017 for non-compliance of Board directions and consent conditions.

WHEREAS the Board issued combined CFO & HWA Order vide reference 2nd cited to the industry on 12.12.2016 which is period upto 31.01.2022, subject to compliance of the conditions stipulated therein.

WHEREAS, a complaint filed by Smt K.Venkata Siva Parvathi and others residents of Gandepalli (v), Kanchikacherla (M), Krishna District vide reference 3rd cited against industry on pollution problems during Janmabhoomi programme on 04.01.2017.

WHEREAS the EE, RO, Vijayawada and Tahsildar, Kanchikacherla, Krishna District jointly inspected the industry and its surroundings on 09.01.2017 and issued Show Cause notice vide reference 4th cited to the industry on 10.01.2017 for non-compliance of Board directions.

WHEREAS the External Advisory Committee (Task Force) of the Board has been reviewed the pollution control status of your industry and issued specific directions vide reference 5th cited to the industry on 01.03.2017.

WHEREAS the petitions received through CPCB filed at Prime Minister’s Office against the pollution problems of the industry vide reference 6th cited. The list of the allegations of the petitions against the industry are as follows:

- Not complying with Standards of Environment, Pollution Control Board, MoEF orders.
- Located in the middle of villages and farming fields.
• Health problems to the villages as well as to the animals due to the pollution caused by the industry.
• Surrounding villagers are facing air pollution, water pollution problems due to contamination of drinking water and farming water sources from the discharge of untreated effluent into the drains that finally joins Munneru River.
• Norms for treatment and disposal of effluent are not being followed.
• Not doing CSR activities in the surrounding villages.
• Not to issue permission for the new plant beside the existing plant as the industry not complied with the conditions of MoEF clearance stipulated for the existing plant.

WHEREAS the officials of RO, Vijayawada have inspected the industry on 09.08.2017 & 08.09.2017 and observed is as follows:

1. During the inspection of the industry, it is observed that the domestic waste water is being discharged outside the premises into road side drain. The drain is observed to be leading to culvert and formed a cesspool there. From the culvert a small flow leading to nearby drain.
2. No process effluent is observed to be discharged outside the industry premises. Samples of the waste water being discharged outside the industry premises were collected and analyzed.
3. Munneru River is at a distance of about 1.75 Kms from the industry. During the inspection it was observed that no industrial effluent was found joining Munneru River.
4. All the units of the ETP are under operation. After treatment, the effluent is being utilized for plantation within the premises. No effluent is observed to be discharged outside the premises. Samples of Raw and treated effluent, were collected and analysed.
5. The process effluent (spent wash) is observed to be treated in ZLD system consisting of Decanter, MEE and Drier and made zero liquid discharge. The DDGS is disposed on sale to outside parties for cattle feed. No spent wash is observed to be discharged within/outside the premises.
6. No odour problem was observed within/outside the premises.
7. Stack monitoring was conducted for the stack attached to the Boiler of capacity 40 TPH. Stack monitoring report is enclosed. As per the stack monitoring report, the value of SPM is 112mg/Nm³.

WHEREAS, legal hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 09.11.2017 vide reference 8th cited. The representatives of the industry and complainants attended the legal hearing. The representatives of the industry attended the legal hearing and complainants did not attend the legal hearing. The committee noted that the Board has received complaints through CPCB filed at Prime Minister’s office against the pollution problems of the industry. The Committee also noted that a complaint was filed vide Complaint No. 1653/2013/B1 in Hon’ble A.P. Lokayukth, Hyderabad, now represented by Mr. Cherukuri Venugopala Rao, regarding pollution caused by the industry. The Hon’ble Lokayukth issued directions from time to time after hearing the case. The EE, RO, Vijayawada has informed that during the inspection, the industry discharged domestic wastewater outside the premises into road side drain. The drain is observed to be leading to culvert and formed a cesspool there and also informed that no process effluent is observed to be discharged outside the industry premises. It was informed that all the units of ETP are under operation and no odour problem was observed within/outside the premises. The representative of the industry has informed that Appellate Authority orders dt.20.08.2016 in Appeal no.1 of 2016 permitted them to discharge the domestic effluents in the consent compliance to prescribed discharge standards. They are conducting regular Health Checks of the employees and staff within the premises of the unit and they are in good health. Similarly, health check of the cattle in the unit and in surrounding villages is conducted by the veterinary Asst, Surgeon, Gandepalli and the livestock are in good health. It was also informed that they issued purchase order for procurement of Telemetry Web Data monitoring & installation and same will be completed by December, 2017.
The Committee after detailed discussions, recommended to issue certain directions. The Board is hereby issue the following directions under Sec.33 (A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under Sec.31 (A) of Air (Prevention & Control of Pollution) Amendment Act, 1987:

1. The industry shall ensure the continuous operation of Effluent Treatment Plant.
2. The industry shall immediately repair the Bag Filters to ensure compliance of prescribed emission standards.
3. The industry shall provide Piezometric Wells to ascertain quality of ground water within two months.
4. The industry shall implement adequate preventive measures to mitigate odour nuisance and ground water pollution in the surrounding villages due to operation of distillery unit.
5. The industry shall not discharge any effluents outside the factory premises except domestic effluents.
6. The industry shall develop additional green belt in vacant area within six months.
7. The industry shall comply with standards and directions issued by CPCB/MoEF & CC.
8. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order.

You are hereby directed to note that, should you violate any one of the conditions mentioned above, action will be initiated against your industry without any further notice, in the interest of Public Health and Environment.

This Order comes into effect from today i.e., 05.12.2017.

Sd/-
MEMBER SECRETARY

To
M/s. Sentini Bio Products (P) Ltd.,
Gandepalli (V), Kanchikacherla (M),
Krishna District - 521185.

Copy to:
1. The JCEE, APPCB, Zonal Office, Vijayawada for information and necessary action.
2. The EE, APPCB, RO, Vijayawada for information and necessary action.

// T.C.F.B.O. //

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II