Order No.103/APPCB/UF-I/TF/TPT/2017-

STOP PRODUCTION ORDER

Sub: APPCB – TF – HO - M/s.Capricorn Food Products India Limited, (Unit – I), Palagunta (V), Satyavedu (M), Chittoor District.– Complaint received against the industry for discharging trade effluents - Legal Hearing held on 07.07.2017 – Stop Production Order – Issued - Reg.

2. Complaint filed by Sri S.Jagan Kumar, Advocate, dt. 29.06.2016.
6. ZO officials, Kurnool and RO officials, Tirupati inspected the industry on 06.08.2017.

WHEREAS you are operating the industry in the name & style of M/s.Capricorn Food products India Limited, (Unit – I), Palagunta (V), Satyavedu (M), Chittoor District to produce Fruit Pulp (Mango, Papaya, Guava etc.), - 100 TPD and Ready to Eat De-hydrated food products – 5.4 TPD.

WHEREAS vide reference 1st cited, the Board issued Consent for operation and Hazardous Waste Authorization to the industry (Unit-I) on 04.08.2014 to produce Fruit Pulp (Mango, Papaya, Guava etc.), - 100 TPD and Ready to Eat De-hydrated food products – 5.4 TPD which was expired on 30.06.2016.

WHEREAS vide reference 2nd cited, the Board received a complaint filed by Sri S. Jagan Kumar, Advocate against the industry for spoiling the Pondavakkam Lake due to discharge of untreated effluents.

WHEREAS vide reference 3rd cited, a letter was received from the Member Secretary, T.N.P.C.B. regarding discharge of trade effluents and dumping of solid waste by M/s.Capricorn Food Products India Limited, Palagunta (V), Satyavedu (M), Chittoor Dist on the open lands and into open channel of Pondavakkam (V) Gummidipoondi Taluk, Tiruvallur Dist, Tamil Nadu.

WHEREAS the Member Secretary, T.N.P.C.B. informed that the industry dumped the solid waste such as Mango Seeds, Papaya Seeds, Peeled Skin of Mango, Papaya and rotten fruits into industry’s own land. During rainy season the rain water mixed with the solid waste and leachate from the dump yard over flow into the adjacent open channel and reached Pallavada lake of Tamil Nadu State. He requested to take appropriate action against the industry to prevent the discharge of trade effluents and dumping solid waste which creates nuisance and odour complaints.

WHEREAS vide reference 4th cited, the Zonal Office, Kurnool issued show cause notice to the industry on 24.08.2016 for complaint received against the industry for illegal discharge of effluents into unlined lagoons and into Pallavawada Tank.

WHEREAS vide reference 5th cited, the Board has reviewed the status of pollution control measures taken by the industry before the External Advisory Committee (Task Force) Meeting on 16.09.2016 and following directions were issued to the industry on 03.10.2016:

1. The industry shall obtain Consent for Operation immediately.
2. The industry shall upgrade the ETP with UASB reactor within 6 months.
3. The industry shall install water meters at inlet and outlet of ETP within 1 month.
4. The industry shall install separate energy meters to the ETP within 1 month.
5. The industry shall dispose the solid waste (mango stone & peels) in a scientific manner.
6. The industry shall not discharge treated effluents or untreated effluents outside the industry premises.
7. The industry shall develop proper irrigation network to utilize the treated effluent for land application after meeting the standards within their own lands.
8. The industry shall dismantle all the unlined lagoons existing within the premises.
9. The industry shall upgrade the air pollution control equipment attached to the 12 TPH within six months.
10. The industry shall submit a Bank Guarantee of Rs.1.0 Lakh immediately with a validity period of one year towards implementation of air and water pollution control measures and installation of flow meters.
11. The industry shall ensure the validity CFO of the Board and ensure continuous compliance of the conditions issued by the Board.

WHEREAS vide reference 6th cited, the officials of Zonal Office, Kurnool and Regional Office, Tirupati have inspected the industry on 06.06.2017 to verify the status of compliance and observations is as follows:

i. The industry is operating without valid consents of the Board.

ii. The industry committed to provide bag filter to the 12 TPH boiler while applying for CFE of the Board. As the industry has not provided bag filter, the Zonal office rejected the CFO for the 12 TPH boiler with a direction not to operate the 12 TPH boiler till the industry provide bag filter. But the industry operating the 12 TPH boiler without providing bag filter by violating the direction issued by the Board.

iii. The industry generates about 200 TPD of solid waste from process such as Mango/Papaya seeds and Mango/Papaya/tomato peals. As per the CFO order dt. 04.08.2014, the industry shall construct the lined platform with leachate collection system for drying of the seeds & peals and the leachate shall be treated in the ETP to meet the discharge standards. But the industry did not construct the lined platform with leachate collection system. They are dumping the Mango Seeds/peals in open area near the Mango garden.

iv. The combined ETP provided by the industry is not adequate and the treated water is not meeting the discharge standards. The industry inspite of repeated directions has not up graded the ETP with UASB reactor.

v. The industry discharging the untreated/partially treated effluents into unlined lagoons and resorting to illegal discharge.

vi. Black coloured leachate was emanating from the mango seeds drying area which was joining open channel in the mango garden. A legal sample of the above leachate was collected and analysed. It is having a pH of 4.1 (Standard – 5.5 - 9.0), TSS of 779 mg/l (Standard – 100mg/l), TDS of 18182 mg/l (Standard – 2100mg/l), COD of 21200 mg/l (Standard – 250 mg/l) and BOD of 5500 mg/l (Standard 30 mg/l). The leachate needs treatment in the ETP.

vii. The industry was directed to construct a covered shed for storage of dried seeds and peals. But the industry kept the seeds in open area only.

viii. The industry has not installed water meters at various points to asses the quantity of water used for process and washings, boiler feed, cooling, domestic etc., and not maintaining the records.

ix. The industry has not provided flow meters with totalizers at the inlet of ETP to assess the quantity of waste water generated from Unit – I and Unit – II separately and not maintaining the records.

x. The industry has provided only normal flow meter at the outlet of ETP which is non functional. They have not provided digital flow meters with totalizers at the outlet of ETP and also not maintained the records regarding quantity of waste water treated and used for irrigation purpose.

xi. The industry has not provided separate energy meter to the ETP.

xii. The industry dumped huge quantity of plastic waste in open area near the mango garden.

xiii. The industry disposing the mango seeds and peals in open areas unscientifically. The leachate from the dump yard is having a very high TDS, COD & BOD.

xiv. The food and food processing including fruits and vegetable processing is listed under orange category. But as the industry generates more than 100 KLD of effluent and having boilers of capacities 12 TPH, 5 TPH, 4 TPH & 2 TPH it will cover under red category.

WHEREAS vide reference 7th cited, the ZO, Kurnool has issued show cause notice to the industry on 13.06.2017 connection with complaint received against the industry for discharging trade effluents and non-compliance of Board directions.

WHEREAS vide reference 8th cited, hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 07.07.2017. The representatives of the industry attended the legal hearing. The committee noted discharge of trade effluents and dumping of solid waste by the industry on open land and into open channel of Pondavakam (V), Gummidipoondi Taluk, Tiruvalpur District, Tamilnadu. The Committee also noted that the industry has not complied with most of the directions issued the Board. The Committee observed that the industry is operating without valid CFO of the Board, the existing
ETP is not adequate and not meeting the discharge standards. The EE, RO, Tirupati has informed that at the time of inspection, the industry bypassing the effluent without treatment into unlined lagoons located adjacent to ETP and also discharging the partially treated effluents into another unlined lagoon located in the mango garden. The industry has not installed flow meters and separate energy meters. It was informed that the industry is operating the 12 TPH Boiler without valid CFO. It was also informed that the industry has dumped huge quantity of plastic waste in open area near the mango garden. The representative of the industry informed that they have done the ETP preliminary study with the technical experts by collection of samples on each stage of ETP and found the gap. Based on the evaluation study, they are planning to install UASB along with other modifications to meet effluent discharge standards. It was also informed that they will install electromagnetic flow meter with data logging system at inlet and outlet of ETP by 20.07.2017. It was further informed that they will store the solid waste generated from the process in the closed area and same will be disposed to cement units as well as utilizing in the Boiler.

The Committee after detailed discussions, recommended to forfeit the Bank Guarantee of Rs. One Lakh immediately. Further, the Committee recommended to issue stop production order to processing unit only with the following reasons 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 is operating without valid CFO of the Board.
2. The existing ETP is not adequate and not meeting the discharge standards. The final outlet of ETP is having a BOD of 825 mg/l (Standard – 30 mg/l) and COD of 2864 mg/l (Standard – 250 mg/l).
3. The industry has not installed separate energy meters to the ETP.
4. The industry bypassing the effluent without treatment into unlined lagoons located adjacent to ETP and also discharging the partially treated effluents into another unlined lagoon located in the mango garden.
5. The industry operating the 12 TPH boiler without valid CFO.
6. The industry dumped huge quantity of plastic waste in open area near the mango garden.
7. The industry disposing the mango seeds and peels in open areas unscientifically. The leachate from the dump yard is having a very high TDS, COD & BOD.
8. The industry has not complied with the directions issued by the Board order dt. 03.10.2016.

You are hereby directed to note that, should you violate any one of the directions mentioned above, your unit will be closed under Sec.33(A) of Water (Prevention & Control of Pollution) Amendment Act, 1988 and Sec.31(A) of Air (Prevention & Control of Pollution) Amendment Act, 1987 without any further notice, in the interest of Public Health and Environment.

This Order comes into effect from today i.e., 04.08.2017.

Sd/-
MEMBER SECRETARY

To
M/s.Capricorn Food Products India Ltd, (Unit – I),
Palagunta (V), Satyavedu (M),
Chittoor District – 517 588.

Copy to:
1. The Joint Chief Environmental Engineer, A.P. Pollution Control Board, Zonal Office, Kurnool for information and necessary action.
2. The Joint Chief Environmental Engineer, Unit-IV, A.P. Pollution Control Board, Board Office for information.
3. The Environmental Engineer, A.P. Pollution Control Board, Regional Office, Tirupati to forfeit the Bank Guarantee of Rs. One Lakh immediately and submit report to Board Office.
4. The Member Secretary, Tamilnadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai – 600 032.

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

JOIN CHIEF ENVIRONMENTAL ENGINEER
UH-II