ANDHRA PRADESH POLLUTION CONTROL BOARD
D.No.33-26-14, D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamavari street, Kasturi bai pet, Vijayawada – 520 010

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Order No. 113/APPCCB/UH-II/TF/ELR/2017- DTC.19.09.2017

DIRECTIONS

Sub: APPCB – TF – HO - M/s.Plutus Techlabs Limited, (Formerly M/s Tyche Chem Ltd.),
Sy.No.76/1 & 76/3, Pydiparru (V), Tanuku (M), West Godavari District – Complaint
received against the industry on water pollution and non-compliance of consent
conditions – Legal Hearing held on 10.08.2017 - DIRECTIONS - Issued - Reg.

Ref: 1. Consent Order No.APPCCB/VSP/ELR/315/HO/CFO/2015, dt.06.11.2015.
2. Representation filed by Sri M.A. Ansari, Bheemavaram, West Godavari District
on Water pollution being caused to the Yenamaduru Drain received through
email on 31.01.2016.
4. Committee inspected the industry on 10.06.2017.

WHEREAS you are operating the industry in the name & style of M/s.Plutus Techlabs Limited,
(Formerly M/s Tyche Chem Ltd.), Sy.No.76/1 & 76/3, Pydiparru (V), Tanuku (M), West
Godavari District is manufacturing Bulk Drug & Intermediate products.

WHEREAS vide reference 1st cited, the Board issued Consent for Operation and Hazardous
Waste Authorization to the industry on 06.11.2015 for a valid upto 31.05.2020 to manufacture of
Glucosamine HCl - 300 Kgs/day, Campaign Products (One product at a time) 5,7 Dichloro-
Hydroxy Quinoline (or) (+)-4 (3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-
Naphthenamine-HCl@500 kgs/day.

WHEREAS vide reference 2nd cited, the Board received complaint from Sri M.A.Ansari,
Bheemavaram, West Godavari District on water pollution of Yenamaduru Channel and
Gosthani rain due to discharge of sewage, dumping of municipal solid waste and industrial
effluents.

WHEREAS vide reference 3rd cited, the Board has issued following directions to the industry on
17.10.2016:

1. The existing ETPs shall be evaluated by reputed agency within two months and shall
upgrade ETPs as per the recommendation of the Agency.
2. The industry shall provide digital flow meters and energy meters for accounting of
effluent treatment and maintain logbook records and monthly records submitted to
Regional Office, Eluru.
3. The industry shall have at least two days storage capacity of treated effluent to facilitate
the Board to check the quantity of treated effluents.
4. The industry shall provide CC cameras at ETP with recording facility for three months
within 1 month.
5. The industry shall ensure continuous compliance of the CFO and Hazardous Waste
Authorization conditions issued by the Board.

WHEREAS vide reference 4th cited, a committee constituted by Zonal Office, Visakhapatnam
with the SEE, O/o. CEE, Visakhapatnam, the EE, RO, Eluru and the JSO, O/o. CEE,
Visakhapatnam inspected the industry on 09.06.2017 and observed the following:

a) The effluents of high organic load are being discharged into yenamaduru drain through
an underground pipeline which is against the consent condition of utilization of treated
effluents for on-land irrigation. There are no indications of onland utilization of
effluents. The parameters TSS & BOD are far exceeding the discharge standards.
b) There is no proper ETP. A small tank of 3 m x 10 m x 3 m with partitions is existing
which is not at all sufficient compared to volume of the effluent generation which may
be more than 100 KLD and industry is claiming that they are treating the effluents in
this small tank. Existing ETP cannot be considered as Effluent Treatment System. It is only a Conduit to discharge effluents into Yenamaduru drain.

c) The industry has not taken any action regarding obtaining CFO though the industry was directed in December, 2016 to submit the proof of continuous operation of ETP.

d) The Zonal Office, Visakhapatnam reviewed the CFO verification report in the CFO committee meeting held on 16.12.2016 and the committee recommended to issue CFO to the industry for a period upto 31.05.2024 after submission of proof of continuous operation of ETP like readings of flow meters, CC camera images, photographs and discarding the practice of discharging effluents into Yenamaduru drain and also utilization of treated effluents into onland for irrigation duly providing the storage capacity of treated effluents.

e) The industry has submitted a reply letter for the letter dated: 20.12.2016 by the Board and 4.93 Acres of leased land document for erection of New ETP on 17.06.2017 i.e. after the current inspection.

f) The industry was issued Directions Notice No. O-1453/PCB/RO-ELR/2017-591, Dated: 07.08.2017 on “Prevention of release of ammonia gas into atmosphere from the aqua industries”. The industry is yet to submit the reply.

g) The parameters TSS and BOD of outlet of industry discharging into Yenamaduru drain are far exceeding the standards.

WHEREAS vide reference 5th cited, the ZO, Visakhapatnam has issued show cause notice to the industry on 04.07.2017 for non-compliance of Board directions and consent conditions.

WHEREAS vide reference 6th cited, Legal Hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 10.08.2017. The representatives of the industry (08 No.s) attended the legal hearing. The Committee noted that Yenamaduru drain is receiving treated effluents mainly from M/s.Delta Papers Ltd., and several Prawn processing units. The Committee observed that the COD and BOD values of the waste water samples collected at the outlet of ETP of the industries are continuously exceeding the prescribed standards. The committee also noted the non-compliance of Board directions and CFO conditions. The SEE & JSO, O/o CEE, Visakhapatnam have attended the Legal Hearing. It was informed that some of industries are discharging the un-treated / Partially treated effluents into Yenamaduru drain through clandestine pipe lines. These industries are not operating Effluent Treatment Plants and not complied with prescribed standards at discharge outlets. It was also informed that the industries are not maintaining proper records for water consumption, effluent generation and production quantity. The Committee recommended to instruct all the industries to immediately remove the clandestine pipelines connected between the industry and drain (Yenamaduru, Satyawada, Gosthni and Rayalam) and shall adopt treatment of waste water to comply with prescribed discharge standards at the outlet. Further, the Committee recommended that the Effluent Treatment Plants at individual industries shall be upgraded immediately to comply with discharge standards prescribed by the Board and shall ensure implementation of requisite measures to prevent re-occurrence of non-compliance to prevent further pollution to Yenamaduru drain. The Committee also recommended that the Board shall keep strict vigilance on all these industries along Yenamaduru drain to ensure that they shall comply with consent conditions and discharge standards.

The Committee, after detailed discussions, recommended to issue the following directions. The Board 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 manufacture only consented products and there shall not be any excess production than the consented capacity.**

2. **The existing ETP shall be evaluated by reputed agency within one month and shall upgrade ETP to comply with standards prescribed for discharge. The details of ETP up-gradation and implementation progress shall be reported to ZO, Visakhapatnam and RO, Eluru for every fortnight through e-mail.**

3. **The industry shall maintain records on energy meter and flow meter readings pertains to waste water generation, treatment and disposal. The consolidate records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.**

4. **The industry shall maintain records on solid waste generation and disposal and shall furnish monthly records to ZO, Visakhapatnam and RO, Eluru every month.**

5. **The industry shall operate the ETP effectively duly deploying technical and qualified personnel.**
6. The industry shall comply all directions issued by the Board vide order dt. 19.10.2016.
7. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order dt.31.08.2016.

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.,19.09.2017.

To
M/s. Plutus Technlabs Limited,
(Formerly M/s Tyche Chem Ltd.,)
Sy.No.76/1 & 76/3, Pydiparru (V),
Tanuku (M), West Godavari District-534211.

Copy to:
1. The Joint Chief Environmental Engineer, A.P. Pollution Control Board, Zonal Office, Visakhapatnam for information and necessary action.
2. The Environmental Engineer, A.P. Pollution Control Board, Regional Office, Eluru is directed to monitor the progress of the works in each unit and report. If there is no considerable progress within a month Stop Production Order will be issued to the recalcitrant industries.

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

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II