Order No. 124/APPCCB/UH-II/TF/ELR/2017- 

DIRECTIONS


Ref: 1. Consent Order No.3068-ELR/APPCCB/ZO/VSP/CFO/2015-2255, dt.11.03.2016 and Consent Order No.3068-ELR/APPCCB/ZO/VSP/CFO/2017, dt.06.03.2017 through auto renewal.
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. External Advisory Committee (Task Force) Meeting held on 27.08.2016.
6. Committee inspected the industry on 12.05.2017.

WHEREAS you are operating the industry in the name & style of M/s. Jagadeesh Marine Exports, Rayalam Village, Bhimavarm, West Godavari District for Processed & Packed Shrimp @ 10 TPD.

WHEREAS vide reference 1st cited, the Board issued Consent for Operation and Hazardous Waste Authorization to the industry on 11.03.2016 for a valid upto 31.12.2016, subsequently the Board issued Consent for Operation and Hazardous Waste Authorization to the industry on 06.03.2017 for a valid upto 31.12.2026 through auto renewal.

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 officials conducted a detailed survey during 12-13 March, 2016 along Yenamaduru and Gosthani drains and observed that Bheemavaram Municipality is discharging untreated sewage and dumping of solid waste into the Yenamaduru and Gosthani drains at various points and thereby causing surface and ground water pollution. Other industries along the 2 drains are also discharging treated/un-treated effluents into the drains.

WHEREAS vide reference 4th cited, the Board office conduct Legal Hearing for the industries and for the Bhimavaram Municipalities on 27.08.2016. The representatives of the industries and Commissioner, Bhimavaram Municipality have attended the legal hearing. The Committee recommended to direct EE, RO, Eluru to consolidate the action plans furnished by the industries and monitor all the industries and Municipality and submit industry wise detailed report for next legal hearing. The EE, RO, Eluru in coordination with ZO, Visakhapatnam shall carry out intensive monitoring of Yenamaduru drain in particular after the rainy season while the water flow in Yenamaduru drain is minimum.

WHEREAS vide reference 5th cited, the Board has reviewed the status of pollution control measures taken by the industry before External Advisory committee (Task Force) meeting held on 30.09.2016 and committee recommended to issue certain directions. Accordingly, 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 8th cited, a committee constituted by Zonal Office, Visakhapatnam with the SEE, O/o. CEE, Visakhapatnam, the EE, RO, Eluru and the JSO, O/o. The CEE, Visakhapatnam inspected the industry on 19.05.2017 and observed the followings:

1. The industry is located downstream of Bhimavaram town. Rayalam drain which originates upstream of Bhimavaram town and flows parallelly yenamaduru drain and join the same 3 km of downstream of Bhimavaram town. The industry is located adjacent to Rayalam Drain.
2. The industry is concealing the information about the outlets into Rayalam drain and is discharging untreated effluent into Rayalam drain.
3. The industry has multiple outlets for discharge of effluent into the adjacent drain passing along the compound wall which joins in Rayalam drain. On observation, it was revealed that the industry is discharging effluents to outside drain through two permanent outlets which finally joins Rayalam drain.
4. Even though the ETP is in operation, it was observed that as per the ETP log records the industry is taking very meager quantity of effluents into the ETP for treatment, which clearly indicating that the raw effluents of the industry are by-passing the ETP and discharged into outside drain.
5. The industry is not maintaining proper record of the water consumption and there is no quantification of water consumption.
6. Industry is not carrying out onland irrigation with treated effluents. All the raw effluents including domestic are by-passed to Rayalam drain. There are no indications of utilization of treated effluents.
7. ETP is grossly inadequate as effluent quantity is about 230 KLD as per their records.
8. MBBR aeration tank was in operation. MLSS could not be identified indicating that ETP was started just before the inspection. Rayalam drain is located outside the compound wall. All the effluents from plant and quarters are disposed to drain flowing on the North side of the plant and by the side of ETP which ultimately joining Rayalam drain just outside of the boundary. A by-pass pipeline is laid from the ETP to the drain which is existing finally joining Rayalam drain. The effluent quantity as per the records is about 230 KLD and the ETP constructed cannot treat this much quantity. ETP needs complete upgradation. Also, industry needs amendment in respect of water consumption and effluent generation.
9. There are about 150 employees residing in the premises which generate about 20 KLD of domestic effluents. Industry needs combined ETP for treatment of trade as well domestic effluents.
10. Ammonia sensor is not working. Industry needs ammonia sensors at least in 5-6 locations.
11. Need amendment for water consumption, effluent generation and DG sets.

WHEREAS vide reference 7th cited, the ZO, Visakhapatnam has issued show cause notice to the industry on 29.05.2017 for non-compliance of Board directions and consent conditions.

WHEREAS vide reference 8th cited, Legal Hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 06.07.2017. The representatives of the industry (12 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 certain 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 upgrade the Effluent Treatment Plant within one month for treatment of waste water generated to comply with prescribed discharge standards. The details of ETP up-gradation and implementation progress shall be reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.
2. The industry shall immediately remove the underground pipeline laid into satyawada drain and under any circumstance they shall not discharge treated/un-treated effluents into satyawada drain.
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 for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.
5. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.
6. The industry shall immediately rectify ammonia sensors installed at the premises for effective functioning and shall periodically calibrate the sensors for the highest accuracy.
7. The industry shall comply all directions issued by the Board vide order dt. 10.10.2016.
8. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order dt.06.03.2017.

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. Jagadeesh Marine Exports,
Rayalam Village, Bhimavaram,
West Godavari District. – 534 201

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 for information and necessary action.
3. The Joint Chief Environmental Engineer, UH-IV, A.P. Pollution Control Board, Head Office, Hyderabad for information.

T.C.F.B.O

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II