Regd. Post with Ack Due

Order No.140/APPCB/UF-I/TTF/VZN/2016-

DIRECTIONS


Ref:  
5. Show cause notice no.11033/APPCB/ZO/VSP/2017-1291, dt.08.01.2017.
6. External Advisory Committee (Task Force) meeting held on 04.02.2017.

WHEREAS you are operating industry in the name & style of M/s. Aurobindo Pharma Ltd., Unit-XI, Sy. No. 61-66,IDA, Pydibheimavaram Village, Ranasthalam Mandal, Srikakulam District to produce Bulk Drugs and Captive Power – 4.75 MW.

WHEREAS vide references 1st cited, the Board issued certain directions to the industry on 06.12.2010 for non-compliance of Board directions and for discharging HTDS effluents into sea without treating in MEE.

WHEREAS vide references 2nd cited, the Board issued Consent for Operation and Hazardous Waste Authorization order vide order dt.13.03.2015 with validity period up to 31.12.2017 for manufacturing of Bulk Drugs and Captive Power – 4.75 MW.

WHEREAS vide references 3rd cited, the Board has reviewed the status of directions issued by the Board before the External Advisory Committee (Task Force) meeting held on 03.12.2016 and issued following directions to the industry on 19.12.2016:

1. The industry shall obtain CFE & CFO of the Board for the new products & validation products within 1 month.
2. The industry shall rectify 2 no. of online stack monitoring systems properly within 15 days.
3. The industry shall ensure to connect the CAAQM stations with web site of APPCB immediately.
4. The industry shall maintain the elevated concrete platform for storing all the drums containing chemicals/residues/mixed solvents/wastes to prevent ground water contamination.
5. The industry shall dispose the organic salt and inorganic salt to TSDF/authorization agency within 2 months.
6. The industry shall not send the spent/mixed solvents to recyclers. They shall process the same at solvent recovery plant within the plant premises.
7. The industry shall provide all safety measures including fire fighting system.
8. The industry shall submit the action plan for online bio-assay testing facility at each outlet of the guard ponds within one month.
9. The industry shall achieve zero odour nuisance in the surroundings.
10. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

WHEREAS vide reference 4th cited, the officials of Zonal Office, Visakhapatnam has inspected the industry on 06.12.2016 & 04.01.2017 and observed the followings:

- During the inspections, it was observed that the industry was discharging part of wastewater through Kucha drains leading outside the industry premises into Kandivalasa Gedda, which ultimately joins into sea.
During the inspections, it was observed that online DO meter in the marine outfall line is not working and the reading was still at 9.31mg/l for hours together.

The industry was not operating online TOC meter provided to the marine outfall line.

All the storm water drains are observed to be stagnated with wastewater since long time and there is no proper drainage management system in the industry. The wastewater in the drains was observed to be contaminated.

By the time of inspection on 06.12.2016, the wastewater which was observed to be discharged into Kucha drain was still stagnated at the ammonia storage tanks area causing pollution threat to surface and ground water.

There are no. of openings(atleast 9 through hume pipes and other modes of conveyance) from the industry premises both at surface level and subsurface level into Kandivalasa Gedda which can convey any discharge from the industry premises to Kandivalasa Gedda. The industry has never brought to the notice of the Board about such openings in the past.

During the inspection on 06.12.2016, the wastewater from different streams were observed to be discharged into Kucha drain from ETP inlet area to outside the industry premises. During the inspection on 04.01.2017, it was observed that the industry arranged a pipeline with a diameter of about half meter in the Kacha drain from ETP inlet area to outside the industry premises and covered the pipeline with gravel.

It was observed that there is no systematic plan for routing the storm water lines, the drains were arranged haphazardly.

During the inspection along the compound wall outside the industry it was observed that the industry willfully left openings with/without pipelines for wastewater to find its way into nearby Kandivalasa Gedda.

There is one pipe line(HDPE line) coming from industry premises passing along the Kandivalasa Gedda, the representative of the industry informed that this pipeline was arranged from the industry to outside the premises, as a raw water pipeline from their borewell. The industry representative could not clarify the point of borewell from which they are drawing raw water. However, this pipeline issue was not disclosed to APCCS so far.

Most of the effluent tanks of ETP units are existing below surface level and are said to be constructed 13 years ago. No piezo wells are existing to check the status of ground water pollution.

The MEE feed tank is physical observed to be having leakages.

WHEREAS vide reference 5th cited, the Zonal Office, Visakhapatnam has issued a show cause notice to the industry on 09.01.2017 for non-compliance of Consent Order conditions and Board directions.

WHEREAS vide reference 6th cited, legal hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 04.02.2017. The representatives of the industry attended the legal hearing. The committee noted that the industry was discharging part of wastewater through Kucha drains leading outside the industry premises into Kandivalasa Gedda, which ultimately joins into sea and the COD & BOD values of the waste water samples collected at the outlet of ETP exceeding the Board’s standards and also online DO meter in the marine outfall line is not working. It was also noted that the industry has laid pipe line of 1 mtr. dia near ETP Area to outside the premises. The representative of the industry informed that steam condensate water tank was being rectified on the day of inspection on 06.12.2016 and the small portion of waste water discharge. It was informed that online DO monitor integrity Circuit was failed and this will be arranged on or before 28.02.2017. In the mean time portable D.O monitor was used to check D.O levels. The company representative has also informed that the pipeline (from ETP area to outside) was dismantled after receiving the instruction from the Board besides closing the openings along the compound wall. They informed the ground MEE feed tank was constructed to store the HTDS waste water. Leakages were observed from this tank and it was emptied immediately for rectification work. Grouting of leaks is in progress and will be completed by 31.03.2017.

The Committee after detailed discussions, recommended to issue the following directions:

1. The industry shall abandon the ketcha drain leading to Kandivalasa Gedda immediately.
2. The industry shall remove the pipeline passing along the Kandivalasa Gadda immediately.
3. The industry shall construct effluent tanks of ETP above ground level tanks so as to avoid seepages into the ground.
4. The industry shall rectify the online DO monitor within 15 days.
5. The industry shall rectify the online TOC analyzer within 15 days.
6. The industry shall rectify the leakages of MEE feed tank within 15 days.
7. The industry shall submit comprehensive plan of storm water management within 15 days.
8. The industry shall comply with the directions issued by the Board vide order dt.19.12.2016.
9. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order dt.13.03.2015.

This order is issued 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.

You are hereby directed to note that, should you violate any one of the directions mentioned above, action will be initiated 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., 17.03.2017.

Sd/-
MEMBER SECRETARY

To
M/s. Aurobindo Pharma Ltd., Unit-XI
Sy. No. 61-68, IDA, Pydibheemavaram Village,
Ranasthalam Mandal, Srikakulam District – 532 409.

Copy to:
1. The Joint Chief Environmental Engineer, Zonal Office, Visakhapatnam for information and necessary action.
2. The Environmental Engineer, Regional Office, Vizianagaram with a direction to monitor Kandivalasa Gadda drain by collecting water samples every month. He is also directed to closely watch the industry regarding discharging of effluents into Kandaivalasa Gadda drain.

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

SENIOR ENVIRONMENTAL ENGINEER
UH-II