1. It is to submit that the RO, Vijayawada received a complaint through e-mail from Sri.T. Shankar, Kakulapadu (V), Bapulapadu (M), Krishna District on 04-07-2019 stating that they have been facing health problems due to odour nuisance and dust pollution releasing from the operations of M/s. Godrej Agrovet Ltd, Apparaopet Road, Kanumolu (V), Bapulapadu (M), Krishna District with a request to take necessary action against the industry.

2. Sri T. Prasada Rao, AEE-I, RO, VJA attended the complaint and inspected the industry premises on 04-07-2019 in the presence of Sri. Kathula Elisha, MPTC, Kakulapadu, Sri. V. Srinivasa Rao, Sri. B. Ravi Kumar and other villagers of Kakulapadu (V) and Sri. N. Sri Hari, Plant Head of the industry. The details reported by the RO, is as follows:

3. M/s. Godrej Agrovet Ltd, at R.S.No: 276 to 3, 265/1 & 275/1, Apparaopet Road, Kanumolu (V), Bapulapadu (M), Krishna District obtained consent and authorization vide order dt. 28-04-2015 which is valid upto 28-02-2018 to produce Shrimp feed - 200 TPD and Fish feed - 200 TPD. Subsequently the industry obtained autorenewal of consent order and authorization vide order dt. 06.03.2018 valid upto 28.02.2023. The project cost of the industry is Rs. 92.58 crores.

4. The industry has a total area of 8.445 Acres with a built up of 4.12 acres.

5. As per the consent order, permitted water consumption quantities 210 KLD. out of which 160 KLD is process and wash, 20 KLD is boiler feed & cooling and 30 KLD is domestic.

6. As per the CFO, the industry was permitted the following outlets for effluent disposal:

<table>
<thead>
<tr>
<th>Outlet No.</th>
<th>Outlet Description</th>
<th>Max Daily Discharge</th>
<th>Point of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Trade effluents</td>
<td>3 KLD</td>
<td>On land irrigation / gardening within the premises.</td>
</tr>
<tr>
<td>2</td>
<td>Domestic</td>
<td>1 KLD</td>
<td>Septic tank followed by soak pit.</td>
</tr>
</tbody>
</table>

7. As per CFO order, the industry is permitted to operate 10 TPH husk fired boiler with multi cyclone separators followed by bag filters as air pollution control equipment.

8. **Inspection officer’s Observations:**

   I. During inspection, no emissions were observed in the stack attached to 10 TPH husk boiler.

   II. Deposition of soot on the roofs of some houses and utensils placed outside the premises and on tree leaves was observed. Fugitive stack emissions reported to be causing air pollution to the surroundings.

   III. The industry has not provided Bio filter / Ozonizer attached to cooking section thus results perceptible odour was observed in the industry premises.

   IV. Fine dust was emanating from the storage yard of the boiler ash and its surrounding premises. Design of the existing boiler ash handling system should be improved in order that fugitive dust is mitigated.
V. Leakages of fish oil from fish oil tank premises are getting mixed with water and discharging through the outlets of the industry in to the canals which may be causing water pollution to the nearby agricultural lands.

VI. Not constructed ETP to treat the waste water. The industry provided settling tanks to treat the waste water to meet the on-land irrigation standards.

VII. The industry is not submitting half yearly compliance report on the conditions stipulated by the Board in the CFO order issued to the industry.

9. The RO, Vijayawada issued Show cause notice to the industry with the following on 05-07-2019 with a direction to rectify the lapses and submit compliance report:

a. For controlling odour nuisance on to the surroundings as existing APCE viz Cyclone dust collection system followed by bag filters is not effective.

b. Dust mitigation measures should be taken immediately for controlling fugitive dust emissions on to the surroundings such as water sprinkling systems at all dust generating points. Plug all leakages of fish oil from fish oil tank premises.

c. Provide Oil and grease entrapment system and ensure that no traces of oil would be discharged into outside of the industry premises.

d. The industry shall not discharge any treated / untreated waste water outside the industry premises under any circumstances and hence to close all the outlets. Rain water harvested should be utilized for on-land for green belt development or for plant utilities.

10. In response to the show cause notice, the industry submitted reply to RO, Vijayawada which is as follows:

1. The industry has provided bag filters as air pollution equipment attached to 10 TPH boiler and they are frequently changing the damaged bags.

2. The industry is using sterilized fish meal along with other raw materials which emits less odour than the conventional processed fish meal. There is no possibility of generating odour at manufacturing area.

3. The industries proposed to provide water sprinkling system at all dust generating sources by 20-08-2019.

4. The industry has immediately taken corrective measures for leakage of fish oil tanks.

11. The RO, Vijayawada opined to place the case the EAC meeting to review i) the provision of Bio filter / Ozonizer attached to cooking section and drier so as to avoid odour nuisance to the surrounding environment as the industry is utilizing fish oil, fish meal and other additives for the production of shrimp feed & fish feed, ii) provision of water sprinkling system at all dust generating sources by 20-08-2019, iii) adequate closed provision for storage of boiler ash so as to avoid fugitive emissions to the surrounding environment, iv) construction and commencement of ETP in place of existing settling tanks to treat the waste water to meet the on-land irrigation standards, v) close down all the waste water discharge outlets and collect the waste water properly for treating in the ETP, vi) provide section wise water meters for ascertaining the water consumption and waste water generation with totalizer facility.

In view of the above, the case is placed before the committee for review and further recommendations.

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