CONSENT ORDER FOR ESTABLISHMENT

Order No.6390/APPCCB/ZO-VSP/KKD/CFE/2019- Date: 10.07.2019


Ref: 1. Industry's CFE application received at Regional Office, Kakinada on 29.06.2019 through single desk.
2. RO’s inspection report received at ZO, Visakhapatnam on 05.07.2019.
3. CFE Committee meeting held on 09.07.2019 at APPCB, Zonal Office, Visakhapatnam.

***

1. M/s.Continental Fisheries India Pvt., Ltd., submitted application to the Board vide ref. 1st cited seeking Consent for Establishment (CFE) to carry out following activity with production capacities as mentioned below, with a proposed project cost of Rs. 9,95,00,000/- (Rupees nine crores and ninety five lakhs only).

<table>
<thead>
<tr>
<th>SNo.</th>
<th>Starting Raw materials</th>
<th>Quantity</th>
<th>SNo.</th>
<th>Name of the Products</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Raw Shrimp</td>
<td>35 TPD</td>
<td>1.</td>
<td>Processed Shrimp</td>
<td>25 TPD</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>By-product</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Head Waste</td>
<td>10 TPD</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. As per the application, the above activity is to be located at Kakinada SEZ Limited, D7, R.Sy.No.208, Ponnada Village, U.Kothapalli Mandal, East Godavari District in an area of 5.14 Acres in Kakinada SEZ Limited and the KSEZ leased the proposed site.

3. The above site was inspected by the Environmental Engineer & Assistant Environmental Engineer, A.P Pollution Control Board, Regional Office, Kakinada, on 04.07.2019 and found that the industry is surrounded by North: KSEZ vacant site; South: KSEZ site & Road; West: Proposed site of M/s.Sandhya Aqua Exports Pvt., Ltd.; East: KSEZ vacant site.

4. The Board, after careful scrutiny of the application, verification report of Regional Office, Kakinada and recommendation by the CFE Committee meeting held on 09.07.2019 at APPCB, Zonal Office, Visakhapatnam, hereby issues CONSENT FOR ESTABLISHMENT to the industry, under Section 25 of Water (Prevention and Control of Pollution) Act, 1974 and under Section 21 of Air (Prevention and Control of Pollution) Act, 1981.
Pollution) Act, 1981 and the rules made there under. This Order is issued to manufacture the products mentioned at para (1) only.

5. This Consent Order issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.

6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

7. **This order is valid for a period of 7 years from the date of issue.**

Encl: Schedules “A & B”.

To

N V Bhaskara Rao
JOINT CHIEF ENVIRONMENTAL ENGINEER

Digitally signed by N V Bhaskara Rao
Date: 2019.07.11 14:59:00 +05'30'
SCHEDULE – A

1) Progress on implementation of the project shall be reported to the concerned Regional Office, A.P. Pollution Control Board once in six months.

2) Separate energy meters shall be provided for Effluent Treatment Plant (ETP) and Air Pollution Control equipments to record energy consumed.

3) The proponent shall obtain Consents for Operation from APPCB, as required under sec. 25/26 of the Water (P&C of P) Act, 1974 and under sec.21/22 of the Air (P&C of P) Act, 1981 and Authorization under Hazardous and Other Wastes (Management, Handling & Transboundary Movement) Rules, 2016 before commencement of the activity, including trial production.

4) Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power under Sec.27 (2) of Water (Prevention & Control of Pollution) Act, 1974 and under Sec.21 (4) of Air (Prevention & Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions by the Board.

5) The Consent of the Board shall be exhibited in the factory premises at a conspicuous place for the information of the inspection officers of different departments.

6) Compensation is to be paid for any environmental damage caused by it, as fixed by the Collector and District Magistrate as civil liability.

7) The Rules and Regulations notified by Ministry of Law and Justice, Government of India, regarding the Public Liability Insurance At, 1991 shall be followed.

8) If the proponent is aggrieved by this order made by A.P. Pollution Control Board under Sec. 25 of Water (Prevention & Control of Pollution) Act’ 1974 and Sec. 21 of Air (Prevention & Control of Pollution) Act’ 1981 he may within 30 days from the date on receipt of the order prefer an appeal before concerned Authority.

SCHEDULE – B

1. The industry shall ensure that the KSEZ obtains amendment to the EC & CFE condition for utilization of treated effluents for KSEZ greenbelt instead of recycle by the individual industries.

2. The application of the industry for CFO shall not be considered without amendment of EC & CFE as agreed by the proponents.

3. The source of water is Bore well/ APIIC/Tankers and the maximum permitted water consumption shall not exceed the following quantities.

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Purpose</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Washings</td>
<td>210 KLD</td>
</tr>
<tr>
<td>2.</td>
<td>Domestic</td>
<td>20 KLD</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>230 KLD</td>
</tr>
</tbody>
</table>

4. The maximum waste water generation (KLD) shall not exceed the following:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Purpose</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Washings</td>
<td>190 KLD</td>
</tr>
<tr>
<td>2.</td>
<td>Domestic</td>
<td>10 KLD</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>200 KLD</td>
</tr>
</tbody>
</table>

5. The effluent shall be treated to on land for irrigation standards, stipulated under Environment (Protection) Rules, 1986, notified and published by Ministry of Environment and Forests, Government of India as specified in schedule VI vide G.S.R.422 (E), dt.19.05.1993 and its amendments thereof, and additional standards / conditions stipulated by APPCB.

<table>
<thead>
<tr>
<th>Effluent source</th>
<th>Treatment Proposed</th>
<th>Mode of final disposal</th>
<th>Limiting Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Washings – 190 KLD</td>
<td>Bar Screen, Oil &amp; Grease Trap, Equalization tank, Coagulation,</td>
<td>After treatment in the ETP,</td>
<td>pH – 5.5 – 9.0; TSS – 50 mg/l,</td>
</tr>
</tbody>
</table>

Flocculation, Alum & Poly dosing system, Primary Settling tank, Pre-Aeration tank, Secondary Clarifier, Filter Feed Tank, Pressure Sand Filter, Activated Carbon, Hypo Dosing System, Treated Water Tank, Sludge Pump & Sludge Drying beds

treated wastewater shall be supplied to the M/s. KSEZ for the development of greenbelt in an area of 40 acres*.

TDS - 2100.0 mg/l; BOD(3 days at 27°C) – 30.0 mg/l; COD – 250.0 mg/l & Oil & Grease – 10 mg/l.

Domestic – 10 KLD  Septic Tank followed by soak pit  --- ---

*Incase M/s. KSEZ obtains amendment of EC and CFE order to utilize the treated wastewater for greenbelt area of 42 Ha of KSEZ area.

6. The industry shall construct a lined treated effluent holding tank of minimum 2 days capacity before disposal to greenbelt with proper metering devices at the inlet and outlet of the holding tank.

7. Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
   a) Industrial cooling, spraying in mine pits.
   b) Domestic purposes.
   c) Processing, whereby water gets polluted and pollutants are easily bio-degradable.
   d) Processing, whereby water gets polluted and the pollutants are not easily bio-degradable.

8. The industry shall provide separate energy meter for the Effluent Treatment Plant (ETP) and maintain log registers to record the energy meter readings pertaining to the operation of the ETP.

9. The industry shall provide digital flow meters with totalizer facility for measuring the actual quantity of water consumption and for the ETP at inlet and outlet to measure quantity of effluent routed through the ETP and shall maintain log registers for the same.

10. The industry shall not discharge any treated/untreated wastewater outside the industry premises or into the creek, under any circumstances.

11. The industry shall complete the construction of ETP to treat the wastewater generated from the industry in order to meet the Board standards before submitting application for CFO of the Board.

12. The industry should comply with the National ambient air quality standards as per MoEF, GoI notification dated. 18.11.2009 along the premises of the factory as prescribed below.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Parameters</th>
<th>Standards in µg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Particulate Matter (PM₁₀)</td>
<td>100</td>
</tr>
<tr>
<td>2</td>
<td>Particulate Matter (PM₂.₅)</td>
<td>60</td>
</tr>
<tr>
<td>3</td>
<td>SO₂</td>
<td>80</td>
</tr>
<tr>
<td>4</td>
<td>NOₓ</td>
<td>80</td>
</tr>
</tbody>
</table>

**Noise Levels:** Day time (6 AM to 10 PM) - 75 dB (A)  
Night time (10 PM to 6 AM) - 70 db (A)

13. The industry shall take all necessary measures to control the odour nuisance to the surroundings.

14. The industry shall not cause any air pollution / smell nuisance to the surrounding environment.

15. The industry shall implement all required measures for not causing smell nuisance to the nearby habitation.
16. The industry shall comply with the following for controlling air pollution:

<table>
<thead>
<tr>
<th>S.No</th>
<th>Details of Stack</th>
<th>Stack - 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>Attached to:</td>
<td>DG Set</td>
</tr>
<tr>
<td>b)</td>
<td>Capacity of Boiler/ Furnace</td>
<td>1 x 750 KVA</td>
</tr>
<tr>
<td>c)</td>
<td>Fuel form: Solid / Liquid/ gaseous</td>
<td>Diesel</td>
</tr>
<tr>
<td>d)</td>
<td>Stack height from GL</td>
<td>$H = h + 0.2 \times \text{KVA}$; KVA=Total generation capacity, h=Height of building where DG Set is installed in meters.</td>
</tr>
<tr>
<td>e)</td>
<td>Details of Air Pollution Control Equipment:</td>
<td>Acoustic enclosures</td>
</tr>
<tr>
<td>f)</td>
<td>Standards to be complied</td>
<td>SPM – 115 mg/Nm$^3$</td>
</tr>
</tbody>
</table>

17. A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.

18. The industry shall take measures to comply with the provisions laid down under Noise pollution (Regulation and Control) Amendment Rules, 2010 dated 11.01.2010 issued by MoE&F, GoI to control the noise to the prescribed levels.

19. The industry shall take appropriate measures to ensure that the ground level concentrations shall comply with revised National Ambient Quality Norms notified by MoE&F, GoI on 16.11.2009.

20. The solid wastes generated shall not exceed the following breakup quantities:

<table>
<thead>
<tr>
<th>S.No</th>
<th>Solid Waste generation</th>
<th>Proposed quantity</th>
<th>Hazardous / as defined under HWM Rules, 2016</th>
<th>Method of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Used Oil</td>
<td>100 LPA</td>
<td>5.1 of Schedule – I</td>
<td>Shall be sent to authorized Re-Processors / Re- Cyclers.</td>
</tr>
<tr>
<td>3.</td>
<td>ETP Sludge</td>
<td>10 Kgs/month</td>
<td>Non-Hazardous</td>
<td>Shall be converted as manure.</td>
</tr>
</tbody>
</table>

21. The solid waste i.e. shrimp head and shell, shall be stored in a cold room till its disposal to Chitin manufacturing units. It shall be transported in closed vehicles only to Chitin manufacturing units.

22. The industry shall not dispose any solid waste outside the premises.

23. The industry shall develop green belt in all the vacant places. In future, excess green belt over and above 33 % of total area can be utilized for industrial activity as per requirement of industry. In any case, the minimum greenbelt shall be 33% of the total area.

24. The industry shall maintain good housekeeping in the industry premises.

25. As per the provisions of Fly ash Notification No.S.O.2804 (E), dt.03.11.2009 and amendments thereof, every construction agency engaged in the construction of building within a radius of 300 km from a coal or lignite based thermal power plant shall use only fly ash based products for construction, such as cement or concrete, fly ash bricks or tiles or clay fly ash bricks, blocks or tiles or cement fly ash bricks or blocks or blocks or similar products or a combination or aggregate of them in every construction project.


27. The industry shall not manufacture any extra products or extra capacities without obtaining CFE/CFO of the Board.
28. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.

29. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of environment protection.

JOIN CHIEF ENVIRONMENTAL ENGINEER

N V Bhaskara Rao

Digitally signed by N V Bhaskara Rao
Date: 2019.07.11 14:59:17 +05'30'