CONSENT & AUTHORIZATION ORDER

Consent Order No: N-630/PCB/RO/NLR/2019- 741
Date: 04.09.2019

CONSENT for operation is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous and Other wastes (Management and Transboundary Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts') and the rules made there under to

M/s. Jay Jay Marine Shrimp Hatchery,
Sy.420/1 & 424, Mahalakshmipuram,
Koduru (V), Thotapalligudur (M),
SPSR Nellore District
(hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

i) Outlets for discharge of effluents:

<table>
<thead>
<tr>
<th>Outlet No.</th>
<th>Outlet Description</th>
<th>Max Daily Discharge (KLD)</th>
<th>Point of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Trade effluent</td>
<td>34.0</td>
<td>Into the Buckingham Canal after treatment</td>
</tr>
<tr>
<td>2.</td>
<td>Domestic effluent</td>
<td>6.0</td>
<td>Septic tank followed by soak pit.</td>
</tr>
</tbody>
</table>

ii) Emissions from chimneys:

<table>
<thead>
<tr>
<th>Chimney No.</th>
<th>Description of Chimney</th>
<th>Quantity of Emissions at peak flow mg/m3</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Stacks attached to 1x125 KVA,1x63 KVA capacities of D.G. Sets</td>
<td>-</td>
</tr>
</tbody>
</table>

iii) Hazardous Waste Authorization:

Form – 2
[See rule 6 (2)]

Dt: 30.08.2019

The authorization is granted to handle and dispose the hazardous waste as specified below:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the Hazardous Waste</th>
<th>Stream</th>
<th>Quantity of Hazardous waste</th>
<th>Disposal Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Waste/used oil from D.G. Set</td>
<td>5.1 of Sch. 1</td>
<td>100 LPA</td>
<td>Shall be disposed to Authorized recyclers/reprocessors</td>
</tr>
</tbody>
</table>
This order is subject to the provisions of the Acts and orders made there under and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This consent order is valid for manufacture the following products along with quantities only.

<table>
<thead>
<tr>
<th>S.No</th>
<th>Products</th>
<th>Consented Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Shrimp Seed</td>
<td>35 Million Nos/Annum</td>
</tr>
</tbody>
</table>

This combined order of Consent & Hazardous Waste Authorization shall be valid for the period ending with the 30th June, 2034.

For and on behalf of the A.P. POLLUTION CONTROL BOARD

Encl: Schedule A, B & C

ENVIRONMENTAL ENGINEER

To
M/s. Jay Jay Marine Shrimp Hatchery,
Sy.420/1 & 424, Mahalakshipuram,
Koduru (V), Thotapalligudur (M),
SPSR Nellore District
SCHEDULE – A

1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.

2. The industry shall put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.

3. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.

4. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.

5. The applicant shall make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.

6. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.

SCHEDULE – B

1. The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below.

<table>
<thead>
<tr>
<th>Outlet</th>
<th>Parameter</th>
<th>Limiting Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 PH</td>
<td></td>
<td>5.50-9.00</td>
</tr>
<tr>
<td>2 Suspended Solids</td>
<td></td>
<td>100 mg/l</td>
</tr>
<tr>
<td>3 BOD</td>
<td></td>
<td>30 mg/l</td>
</tr>
<tr>
<td>4 COD</td>
<td></td>
<td>250 mg/l</td>
</tr>
</tbody>
</table>

The hatchery shall comply with the marine discharge standards.

2. The hatchery shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Water Consumption</th>
<th>Quantity (in KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Process &amp; Washings</td>
<td>74.0 KLD</td>
</tr>
<tr>
<td>2</td>
<td>Domestic</td>
<td>6.0 KLD</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>80.0 KLD</strong></td>
</tr>
</tbody>
</table>
3. The proponent shall obtain prior permission to draw ground water from Competent Authorities.

4. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

<table>
<thead>
<tr>
<th>Chimney No.</th>
<th>Parameter</th>
<th>Emission standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SPM</td>
<td>115 mg/Nm³</td>
</tr>
</tbody>
</table>

5. The hatchery shall comply with ambient air quality standards of PM₁₀(Particulate Matter size less than 10 μm) - 100 μg/ m³; PM₂.₅(Particulate Matter size less than 2.5 μm) - 60 μg/ m³; SO₂ - 80 μg/ m³; NOₓ - 80 μg/m³, NH₃ - 400 μg/m³ and other parameters as notified by MoE&F, GOI vide notification No.GSR 826(E), dated 16.11.2009 during operational phase of the project.

6. The hatchery shall meet the following National Ambient Air Quality in respect of Noise
   - Day time (6 AM to 10 PM) - 75 dB (A)
   - Night time (10 PM to 6 AM) - 70 dB (A).

7. The hatchery shall put up two sign boards (6 x 4 ft. each) at publicly visible places at the main gate. The first sign board shall provide information on conditions of CFE & CFO, and the second sign board shall provide information on release of pollutants – air emissions, water discharges and solid waste with details like quantity, nature of Hazardous chemicals being used in the plant and hazardous wastes generated etc.

8. The hatchery shall not increase the capacity beyond the permitted capacity mentioned in this order without obtaining CFE & CFO of the Board.

9. Proper handling, storage, utilization and disposal of all the solid waste shall be ensured.

10. The hatchery shall not resort to chemical pollution by applying antibiotics during the process.

11. Solid waste to be generated in settling tanks, if any, shall be used for manure only. Proper handling, storage, utilization and disposal of all the solid waste shall be ensured, if any generated due to stock load/ odd events.

12. The hatchery shall develop thick green belt all along the periphery to the maximum extent possible in the available vacant land.

13. The hatchery shall provide digital flow meter with totaliser facility for measuring the water consumption & waste water generation from process and domestic sections and maintain log registers.

14. The hatchery shall not discharge untreated waste water outside the premises under any circumstances.

15. The hatchery shall comply with all the directions/ rules issued by MPEDA.

16. The hatchery shall get renewed the letter of permission (LOP) from Coastal Aqua Authority time to time.

17. The industry shall comply with the Construction & Demolition Waste Management Rules, 2016 notified by MoEF & CC, GoI

19. The proponent shall ensure that there shall not be any change in the process technology, raw materials and scope of working without prior approval from the Board.

20. The proponent shall comply with all the directions issued by the board from time to time.

21. 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.

22. The Board reserves its right to modify above conditions or stipulate any additional conditions including revocation of this order in the interest of environment protection.

SCHEDULE – C
[See rule 6(2)]

[CONDITIONS OF AUTHORISATION FOR OCUPER OR OPERATOR HANDLING HAZARDOUS WASTES]

1. All the rules and regulations notified by Ministry of Environment and Forests, Government of India under the E(P) Act, 1986 in respect of management, handling, transportation and storage of the Hazardous wastes should be followed.

2. The hatchery shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and amendments thereof.

3. The hatchery shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis/authorized parties.

4. The hatchery shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.

5. The hatchery shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 20(2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

ENVIRONMENTAL ENGINEER
To
M/s. Jay Jay Marine Shrimp Hatchery,
Sy.420/1 & 424, Mahalakshmpuram,
Koduru (V), Thotapalligudur (M),
SPSR Nellore District