



ANDHRA PRADESH POLLUTION CONTROL BOARD
ZONAL OFFICE :: VIJAYAWADA

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ORANGE CATEGORY

CONSENT & AUTHORIZATION ORDER

Consent Order No:P-450/APPCB/ZO-VJA/CFO/W&A/2017-

Date:06.06.2018

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 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', 'the Rules') to:

M/s. Devi Sea foods Limited
Sy. No.15 (P), 16 (P), 17 (P)
Mulaguntapadu (V)
Singaraykonda (M)
Prakasam District

E-mail: tsreddy@deviseafoods.com

(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:

Outlet No.	Outlet Description	Max Daily Discharge (KL/day)	Point of Disposal
1	Trade Effluents (Boiler blowdown)	10.0	After treatment, onland for irrigation within premises, duly meeting the standards stipulated.
2	Domestic Effluents	4.0	

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow (m ³ /hr)
1	Stack attached to 3 Tons/hour Briquette fired boiler	-----
2	Stack attached to 750 KVA D.G. Set	-----
3	Stack attached to 180 KVA D.G. Set	-----

iii) HAZARDOUS WASTE AUTHORISATION (FORM - 2) [See Rule 6 (2)]:

M/s. Devi Sea foods Limited is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

• **HAZARDOUS WASTES WITH RECYCLING OPTION:**

Sl. No.	Name of Hazardous Waste	Stream	Quantity	Method of disposal
1	Used oil	5.1 of Schedule-I	50 Lts/Annum	Disposal to A.P.P.C.B. authorised reprocessing agencies.

This consent order is valid for the following products along with quantities indicated only:

Sl.No.	Product	Quantity
1	Shrimp feed	150 Tons/day

This order is subject to the provisions of 'the Acts' and the Rules' and Orders made thereunder and further subject to the terms and conditions incorporated in the schedule - A, B & C enclosed to this order.

This combined order of Consent & Hazardous Waste Authorization shall be valid for a period ending with the 30th April,2028.

JOINT CHIEF ENVIRONMENTAL ENGINEER

To

**M/s. Devi Sea foods Limited
C/o. Sri G. Sambasiva Rao
D.No:50-1-51/1, ASR nagar
Seethammadhara
Visakhapatnam**

Copy to the Environmental Engineer, Regional Office, Nellore for information **and with a direction to ensure the compliance of the time bound conditions and send a detailed report so as to place the unit before External Advisory Committee (EAC) for review for necessary action as per the instructions of the Board Office Dt. 21.06.2016 in case of non-compliances.**

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 should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
- 3) All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
- 4) The industry should 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.
- 5) Not withstanding 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.
- 6) 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.
- 7) The applicant should 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.
- 8) Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21/22 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

Committee Recommendation:

The Consent for Operation Committee in its meeting held on 30.05.2018 examined the CFO application of the industry and the CFO verification report submitted by the RO, Nellore. The committee observed that i) the industry is engaged in production of processed shrimp feed-150 Tons/day by using raw shrimp as a basic raw material with a project cost of Rs. 25.80 crores, ii) the industry has obtained CFE of the Board vide order dated.26.07.2017 for shrimp feed-150 Tons/day, iii) now, the industry has applied for 1st CFO of the Board and paid fee up to 30.04.2028 under Orange-Haz. category, iv) the industry generates 10 KL/day of boiler blowdown and 4 KL/day of domestic wastewater, v) the industry has provided ozonizer to control odour nuisance from the process, vi) the industry has provided multi cyclone as air pollution control equipment to the 3 TPH briquette fired boiler, vii) the industry has provided Bag filters at grinding section with pulse jet cleaning provision to control air pollution from the grinding unit, **However**, viii) the industry not yet completed the commissioning of the STP to treat the waste water, ix) the industry has not provided water meters to measure the quantity of water consumption and wastewater generation.

x) the industry has not provided separate energy meter to the STP to ascertain the operation of the STP, xi) the industry has not developed 33% of the area as greenbelt, xii) the industry representative appeared before the committee and informed that the plant was not yet commissioned and STP will be completed within a week i.e., by before commissioning of the plant. After detailed discussion, the committee recommended to issue CFO to the industry up to 30.04.2028, as per the instructions of the Board Office Dt.21.06.2016 with a condition that the industry shall complete the commissioning of the STP before commissioning of feed plant.

WATER POLLUTION :

- 1) The industry shall complete the commissioning of the STP before commissioning of feed plant.
- 2) The industry shall properly collect the boiler blowdown - 10 KL/day and 4 KL/day domestic effluent totally-14 KL/day and treat the wastewater in the sewage treatment plant (STP) and the treated wastewater shall be used onland for irrigation within the premises duly meeting the irrigation standards stipulated by the Board.
- 3) The industry shall comply the following effluent standards based on the disposal points permitted:

Shall comply the norms notified by MoEF & CC vide Notification No:G.S.R.422(E) dated:19.05.1993.

Outlet	Parameter	Limiting Standards
1	pH	5.5-9.0
	Total Suspended Solids (TSS at 103 - 105 °C)	200.00 mg/l
	Total Dissolved Solids	2,100.00 mg/l
	Chemical Oxygen Demand (COD)	250.00 mg/l
	Biochemical Oxygen Demand (BOD ₃ at 27 °C)	100.00 mg/l
	Oil and Grease	10.00 mg/l

- 4) The source of water is being met from Borewell. The following is the permitted water consumption:

Description	Quantity (KL/day)
Boiler feed	35.0
Domestic	5.0
Total :	40.0

Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above.

- 5) The industry shall not cause ground water pollution in and around the industry premises.
- 6) The industry shall not discharge any effluents outside the industry premises under any circumstances.
- 7) The industry shall maintain flow meters with totaliser facility at Inlet and Outlet of STP and maintain log registers to record the wastewater generation and utilization within 4 months i.e., by 30.09.2018.

- 8) The industry shall install digital flow meter with totaliser for measuring actual quantity of water consumption and shall maintain log registers within 4 months i.e., by 30.09.2018.
- 9) The industry shall maintain separate energy meter for the STP and maintain log registers to record the energy meter readings pertain to the operation of the Effluent Treatment Plant (ETP) within 4 months i.e., by 30.09.2018.
- 10) The industry shall adopt jet floor washing so as to reduce the water consumption for floor washings.

AIR POLLUTION :

- 11) The industry shall maintain the ozonizer to control the odour nuisance to the surroundings.
- 12) The industry shall ensure that no odour nuisance is caused to the surrounding environment.
- 13) The emissions shall not contain constituents in excess of the prescribed limits mentioned below:

Chimney No.	Parameter	Emission Standards (mg/Nm³)
1 to 3	Suspended Particulate Matter	115

- 14) The industry shall comply with ambient air quality standards of **SO₂ - 80 µg/m³; NO_x - 80 µg/m³; PM_{2.5} - 60 µg/m³; PM₁₀ - 100 µg/m³**, measured at factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.

Noise Levels:

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

- 15) The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 and G.S.R. 448 (E), dated 12.07.2004 under the Environment (Protection) Act Rules. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.

GENERAL:

- 16) The industry shall dispose solid waste as follows.

S.No.	Name of the Solid Waste	Quantity	Disposal
1	Boiler ash	0.3 Tons/day	Shall be disposed to brick manufacturing units.
2	Fines from the process	90 Kgs/day	Shall be reutilized into process.

- 17) The industry shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE/CFO of the Board.
- 18) The industry shall comply with all the conditions stipulated in the CFE Order dated. 26.07.2017.
- 19) The industry shall not use any form of wood in the Boilers.
- 20) The industry shall submit a compliance report on CFO conditions for every 6 months as on 01st January and 01st July of every year at Regional Office and Zonal Office.
- 21) The industry shall develop greenbelt in all the vacant places. In future excess greenbelt over and above 33% of total area can be utilized for industrial activity as per requirement of the industry. In any case, the minimum greenbelt shall be 33% of the total area.

SCHEDULE - C

[See Rule 6 (2)]

**[CONDITIONS OF AUTHORISATION FOR OCCUPIER 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 industry 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 industry 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 industry 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 industry 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.

JOINT CHIEF ENVIRONMENTAL ENGINEER