

# MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022.

## RED /LSI

Consent No. BO/SRO-latur/AST/EIC No. AD-6569- 10/O/CC-76 Date: 14/12/2011

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008.

[To be referred as Water Act, Air Act and HW (M, H & TM) Rules respectively].

CONSENT is hereby granted to

**M/s. Victoria Agro Food Processing Pvt. Ltd.,**  
Village-Sakol, Tal-Shirur Anantpal,  
Dist-Latur.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M & H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to **28.02.2012**.

2. The consent is valid for the manufacture of -

<u>Sr. No.</u>	<u>Product</u>	<u>Maximum Quantity</u>
1.	Alcohol	18000 KLPM
2.	Animal Feed	160 MT/M

3. **CONDITIONS UNDER WATER (PREVENTION & CONTROL OF POLLUTION) ACT, 1974:**

(i) The quantity of trade effluent from the factory shall not exceed – **654 M<sup>3</sup>/Day**.

(ii) The quantity of sewage effluent from the factory shall not exceed – **16 M<sup>3</sup>/Day**.

(iii) **Trade Effluent:**

Treatment: The applicant shall operate comprehensive treatment system consisting of primary / secondary and/or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously.

1)	pH	Between	5.5 to 9.0
2)	Suspended Solids	Not to exceed	100 mg/l.
3)	BOD 3days 27 Deg. C.	Not to exceed	30 mg/l.
4)	COD	Not to exceed	250 mg/l.
5)	Oil & Grease	Not to exceed	10 mg/l.
6)	TDS	Not to exceed	2100 mg/l.
7)	Sulphates	Not to exceed	1000 mg/l.
8)	Chlorides	Not to exceed	600 mg/l.

(iv) **Trade Effluent Disposal:** The treated trade effluent should be maximum recycled and reused in process and part should be passed through to the evaporator to thicken and thick slop will be mixed in the screw conveyor and further dried to make DDGS which should be used as cattle feed. The industry shall achieve zero discharge of effluent.

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

- (1) Suspended Solids Not to exceed 100 mg/l.
- (2) BOD 3 days 27 Deg. C. Not to exceed 100 mg/l.

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked into soak pit which shall be got cleaned periodically. The overflow if any shall be used in own premises for gardening / irrigation purpose.

(vii) **Non-Hazardous Solid Wastes:**

<u>Sr. No.</u>	<u>Type of waste</u>	<u>Quantity</u>	<u>Treatment</u>	<u>Disposal</u>
1.	ETP Sludge	900 Kg/Day		Used as manure
3.	Grain Grit/Skin	20 Kg/Day		Sold as animal feed
4.	Yeast Sludge	144 Kg/Day		Used as manure
5.	Boiler Ash	2 MT/Day		Sale to Brick mfg.

(viii) **Spent grain shall not be stored for more than 24 hrs. & moisture content should be less than 5% by dry basis, it should not cause any smell nuisance in the surrounding area.**

(ix) The thick solids and thick slop shall be mixed in the screw conveyor and further dried to make DDGS (Distillers dried grain soluble) which shall be used as cattle feed.

(x) The industry should monitor effluent quality regularly

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 ( to be referred as Cess Act ) and Amendment Rules, 2003 there under:

The daily water consumption for the following categories is as under:

(i) Industrial Cooling, Boiler	...	755.0 CMD
(ii) Domestic	...	20.0 CMD
(iii) Industrial Processing	...	398.0 CMD
(iv) Washing	...	---- CMD
(v) Agriculture/Gardening	...	---- CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act which is also available on MPCB website at <http://mpcb.mah.nic.in/images/cessform1.pdf>.

**5. CONDITIONS UNDER AIR (PREVENTION & CONTROL OF POLLUTION) ACT, 1981:**

(I) The applicant shall install a comprehensive control system equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

**(A) Control Equipment:**

Wet Scrubber of sufficient capacity shall be provided to Boiler and any other sources of particulate matter.

**(B) Standards for Emissions of Air Pollutants:**

(i) SPM/TPM	Not to exceed	150 mg/Nm <sup>3</sup>
(ii) SO <sub>2</sub>	Not to exceed	0.8 T//Day

(II) **The applicant shall observe the following fuel pattern:-**

<u>Sr.No.</u>	<u>Type of Fuel</u>	<u>Quantity</u>
1.	Baggase	200 MT/Day
2.	Diesel	170 Lit/Day

(III) **The applicant shall erect the chimney(s) of the following specifications:-**

<u>Sr.No.</u>	<u>Chimney attached to</u>	<u>Height in Mtrs.</u>
1.	Boiler	40.
2.	D G Set 160 KVA	2.5*

\*= height above the roof of the bldg in which it is installed

- (IV) The applicant shall provide ports in the chimney/(s) and facilitates such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers, such as S-1, S-2, etc. and these shall be painted/displayed to facilitate identification.
- (V) The industry should monitor stack emissions and ambient air quality regularly.
- (VI) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 p.m.

**6. CONDITIONS UNDER HW (M, H & TM) RULES, 2008:-**

(iii) The applicant shall handle hazardous wastes as specified below:

Sr. No.	Item No. of Process generating HW as per Schedule-I	Type of Waste	Quantity	Disposal
1	5.1	Used oil	10 Kg/day	MPCB authorized reprocessor

(iv) The authorisation is hereby granted to operate a facility for collection, storage, transport and disposal of hazardous waste.

- 7. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 8. **General conditions:**
  - (i) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30<sup>th</sup> September every year on available open plot area, no. of trees surviving as on 31<sup>st</sup> March of the year and no. of trees planted by September end.
  - (ii) The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
  - (iii) The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent/ emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
  - (iv) The firm shall submit MPCB, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30<sup>th</sup> September every year.
  - (v) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained. The applicant shall also submit a comparative statement of designed power and chemical consumptions vis-a-vis actual power and chemical consumption alongwith Environmental statement.
  - (vi) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

- (vii) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- (viii) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- (ix) The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
9. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
10. The applicant shall comply the conditions of Environmental Clearance granted by MoEF, Gol, vide no.J-11011/902/2008-IA II (I) dated 04/02/2010.
11. This consent is issued pursuant to the decision of Consent Committee meeting of the Board held on 01.12.2011.
12. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
13. The capital investment of the grain based distillery is ₹ 46.46/- Crs.

For and on behalf of the  
Maharashtra Pollution Control Board



(Milind Mhaiskar)  
Member Secretary

To  
M/s. Victoria Agro Food Processing Pvt. Ltd.,  
Village-Sakol, Tal-Shirur Anantpal,  
Dist-Latur.

**Copy to:**

1) RO, MPCB, Aurangabad 2) SRO, MPCB, Latur 3) CAO, MPCB, Mumbai.

**Received Consent fee of –**

<u>Amount</u>	<u>D. D. No.</u>	<u>Date</u>	<u>Drawn on</u>
Rs. 50,100/-	029214	16.12.2010	Union Bank of India.
Rs. 25,000/-	548977	15.10.2011	SBI
4) Cess Branch, MPC Board, Mumbai.			5) Master file.