

MAHARASHTRA POLLUTION CONTROL BOARD

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Sion (E), Mumbai-400022.

EIC No: PN-16335-13

Red/LSI

Consent No. MPCBHQ/ROHQ/Pune/CE/CC/ 5777

Date: 08/07/2013

Consent to Established under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of 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) Rules respectively].

CONSENT is hereby granted to

Giriraj Enterprises.

Sr. No. 43, 46, 47, 48 & 49,

Mudhavare, Tal. Maval,

Pune, Maharashtra

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 Established is granted for a period up to: **Commissioning of the unit or Five years period, whichever is earlier.**
2. **The Consent is valid for the following activity having BUA 11,000 sq.mtrs.-**

Sr. No.	Product Name	UOM
1	Resort with Water Park, Amusement Park and Food Court (Without lodging and laundry activity)	---

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed Nil.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed **250.00M3.**

- (iii) **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	pH	Between	5.5 to 9.0
2	Suspended Solids	Not to exceed	100 mg/l.
3	BOD 3 Days 27 degree C	Not to exceed	100 mg/l.
4	Fecal Coliform	Not to exceed	500/100/1 mg/l.
5	residual chlorine	Not to exceed	01mg/l.
6	Detergent	Not to exceed	01mg/l
7	Floating Matter	Not to exceed	10 mg/l

- (vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

Project proponent shall operate STP for five years from the date of obtaining Occupation Certificate.

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

Sr. No.	Type Waste	Quantity	UOM	Treatment	Disposal
1	Kitchen wast	5.00	Kg/M		Compost

- (viii) **Other Conditions:** 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) Domestic purpose	...	280.00 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable	...	300.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.00 CMD
(iv) Industrial Cooling, spraying in mine pits or boiler feed	...	0.00CMD

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.

5. CONDITIONS UNDER AIR ACT :

- (i) The applicant shall install a comprehensive control system consisting of control 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:

Industry shall provide dust collector of sufficient capacity to control the emissions.

6. Conditions for D.G. Set

- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- c. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- d. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
- g. D.G. Set shall be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set

7. Standards for Stack Emissions:

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	HSD	255.00	Liters/D

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	DG Set (750 KVA)	7.50

- (iii) The applicant shall provide ports in the chimney/(s) and facilities 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.
- (iv) 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 a.m.
- (vi) **Other Conditions:**
- 1) The industry should not cause any nuisance in surrounding area.
 - 2) The industry should monitor stack emissions and ambient air quality Regularly.

8. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008.

- (i) The Industry shall handle hazardous wastes as specified below.
Applicant shall not generate any type of Hazardous Waste.

9. Other conditions (During Construction Phase):

- a) All activities shall be in resonance with the provisions of Indian Forest Act, 1927 (16 of 1927), Forest (Conservation) Act, 1980 (69 of 1980) and Wildlife (Protection) Act, 1972 (53 of 1972), and special notification published for area wherever applicable and all the Environmental Statutes and Instruments.
- b) This Consent to Establish is issued only for New Construction/Developing Construction Project purposes.
- c) No quarrying activities shall be commenced in the area unless appropriate permissions are obtained for a limited quarrying material required for construction of local residential housing and traditional road maintenance work, provided that such quarrying is not done on Forest Lands and the material is not exported to the outside area.
- d) There shall be no felling of trees whether on Forest, Government, Revenue or Private lands except as per prevailing Rules.
- e) Extraction of Groundwater for the project shall require prior permission of the State Ground Water Authority or other relevant authorities, as applicable.
- f) Near the activities that are related to water (like activity of water parks, water sports) and/or in the vicinity of lake, Dissolved Oxygen shall not be less than 5 mg/liter.
- g) In order to ensure that the water from this project do not enter into outside environment, the nallas crossing the township/complex premises, shall be lined, covered and made water tight by the applicant within the premises with

intermittent inspection of chambers following good engineering practices as per the regulations of local body.

- h) The Applicant shall prepare management plan for water harvesting, roof-water reclamation, water/storm water conservation and implement the same before handing over of complex for occupation.
 - i) The Applicant shall draw plans for the segregation of solid wastes into biodegradable and non-biodegradable components. The biodegradable material shall be recycled through scientific in-house composting (i.e vermi-composting facility within premises) with the approval of local body. The proper demarked area shall be identified for collection & storage of MSW properly which, shall be finally disposed off at approved Municipal Solid Waste landfill site of local body environmentally acceptable location and method. It is clarified that the term solid waste includes domestic, commercial, and garden wastes, but does not include hazardous and bio-medical wastes. The activities of bio-composting and engineered landfill shall be as per the Municipal Solid Waste (M&H) Rules, 2000
 - j) Applicant shall be responsible to take adequate precautionary measures as detailed in this consent.
 - k) The applicant/generator shall be responsible for safe and scientific collection, transportation, treatment and disposal of Bio-Medical Waste as per the provisions made under the Bio-Medical Waste (Management & Handling) Rules, 1998. Any activity as defined under BMW (M & H) Rules has to obtain a separate Authorization from Maharashtra Pollution Control Board.
 - l) For disinfections of waste water ultra violet radiation shall be used in place of chlorination.
 - m) Vehicles hired for construction activities should be operated only during non peak hours.
 - n) Ready mixed concrete used in building construction should apply separately for consent from the Board.
 - o) Septic tank and soak pit of adequate capacity for the domestic effluent generated due to workers residing at site.
 - p) Proper loading and unloading of construction material, excavated material and its proper disposal as per MSW (M&H) Rules 2000.
 - q) Cutting of trees is not permitted, however in unavoidable conditions necessary permission from the local body shall be obtained.
 - r) Green belt of 33% of the open space shall be developed.
 - s) E-Waste shall be disposed to authorized re processor
10. The applicant shall adopt environment friendly technology in development of the project.
11. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
12. The applicant shall **submit the affidavit within 15 days** in the prescribed format that if the total built up area exceeds 20,000sq.mtrs. The PP shall obtain prior **Environmental Clearance from MoEF.**

13. The applicant shall separately apply for Environment Clearance & Consent to Establish for additional construction area. No further effective steps shall be taken for additional construction area.
14. This is issued pursuant to the decision of Consent Committee of the Board in its meeting held on 28th June 2013.
15. The applicant shall submit **Bank Guarantee of Rs.3.0 Lakhs-** at Regional Office, Pune within 15 days for providing Sewage Treatment Plant and Municipal Solid Waste processing Plant.
16. The Capital investment of the industry is Rs. 99.25 Cr.

(V. M. Motghare)
Member Secretary

To,

Giriraj Enterprises.

Sr. No. 43, 46,47,48 & 49,
Mudhavare, Tal. Maval,
Pune, Maharashtra

Copy to:

1. Regional Officer, MPCB, Pune - He is directed to obtain necessary Bank Guarantee from the applicant and ensure compliance of consent conditions.
2. Sub Regional officer Pune-II, MPCB, Pune.
3. Chief Accounts Officer, Mumbai, MPCB,
4. Cess Branch, MPCB, Mumbai.
5. Master file

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	75100	100594	27 Dec 2012	Bank of Baroda
2	50000	101008	18 Mar 2013	Bank of Baroda