

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781

Fax : 24024068 / 24023516

Email : mpcb@vsnl.net

Visit At : <http://mpcb.gov.in>



Kalpataru Point, 2nd - 4th Fl.

Opp. Cine Planet Cinema,

Near Sion Circle, Sion (E)

Mumbai-400 022.

EIC No. TN-NM 2741,3085,3115,3191/11

Infrastructure/Orange/L.S.I

Consent No. BO/RO(HQ)/CO/CAC- 126

31/12/2012

Date: /Dec/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 / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008

CONSENT is hereby granted to

M/s. Serene Properties Pvt. Ltd.
Plot No. 3, TTC Industrial Area,
MIDC, Airoli Navi Mumbai
Dist Thane

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: 31/07/2012

2. The Consent is valid for –

IT park named as M/s. Serene Properties Pvt. Ltd., at Plot No. 3, TTC Industrial Area, MIDC, Airoli Navi Mumbai, Dist Thane on total plot area of 1,96,440.00 sq.mtr & total built up area of 109824.15 sq.mtr including utilities as per occupancy certificate issued by local body.

Sr. No.	Item Name	Built Up area	UOM
1	Building No.3	27610.05	Sq. mtrs.
2	Building No.4	27610.05	Sq. mtrs.
3	Building No.7	27610.05	Sq. mtrs.
4	Building No.14	26994.00	Sq. mtrs.
Total		109824.15	Sq. mtrs.

3. CONDITIONS UNDER WATER ACT:

- The daily quantity of trade effluent from the factory shall be Nil.
- The daily quantity of sewage effluent from the factory shall not exceed 775.60M3.
- 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	Not to exceed	6.5 to 9.0
3	Suspended Solids	Not to exceed	100 mg/l.
4	BOD 3 Days 27 degree C	Not to exceed	100 mg/l.
5	Fecal Coliform	Not to exceed	500/100/1 mg/l.
6	Residual Chlorine	Not to exceed	01 mg/l.
7	Detergent	Not to exceed	01 mg/l.
8	Floating matters	Not to exceed	10 mg/l

- (vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be 80% recycled and reused for flushing, fire fighting and cooling of Air conditioners, etc. In no case, effluent shall find its way to any water body directly/indirectly at any time.

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

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

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Wet Garbage	1190.00	Kg/Day	Composting	Used as manure
2	Dry Garbage	3552.00	Kg/Day	--	Sale to Recyclers

- (viii) **Other Conditions:**

1. 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.
 2. 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.
 3. The Applicant should segregate solid wastes into biodegradable and non-biodegradable components. The biodegradable material should 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
 4. Applicant shall be responsible to take adequate precautionary measures as detailed in this consent.
 5. 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.
 6. For disinfections of waste water ultra violet radiation shall be used in place of chlorination.
 7. E-Waste shall be disposed to authorized re processor.
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	...	988.50 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable	...	0.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.00 CMD
(iv) Industrial Cooling, spraying	...	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 (Prevention & Control of Pollution) ACT, 1981:

- (i) The Applicant may install 11 nos. of diesel generating sets (DG Sets) of capacity 1500 KVA (2 Nos), 1010 KVA(9 Nos.) and shall be equipped with comprehensive control system as is warranted with reference to generations of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

a. Standards for Emissions of Air Pollutants:

(i) SPM/TPM	Not to exceed	150 mg/Nm ³
(ii) SO ₂ (DG Set)	Not to exceed	7.2 Kg/day

- (ii) The following measures shall be taken:

- Adequate mitigation measures shall be taken to control emissions of SO₂, NO_x, SPM, and RSPM.
- Applicant shall achieve following Ambient Air Quality standards.

1.	SPM Not to Exceed (Annual Average)	140	µg/ m ³
	Not to Exceed (24 hours)	200	µg/ m ³
2.	SO ₂ Not to Exceed (Annual Average)	60	µg/ m ³
	Not to Exceed (24 hours)	80	µg/ m ³
3.	NO _x Not to Exceed (Annual Average)	60	µg/ m ³
	Not to Exceed (24 hours)	80	µg/ m ³
4.	RSPM Not to Exceed (Annual Average)	60	µg/ m ³
	Not to Exceed (24 hours)	100	µg/ m ³

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	LDO	200	Ltrs/hr

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	D.G. Set	12.00

- (v) Conditions for D.G. Set

- Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.

2. 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.
3. 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 75 dB(A) during day time and 70 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.
4. 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.
5. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
6. 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.
7. D.G. Set shall be operated only in case of power failure.
8. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

(vi) Other Condition

- a) 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.
- b) Water spraying shall be done on ground to avoid fugitive emissions.

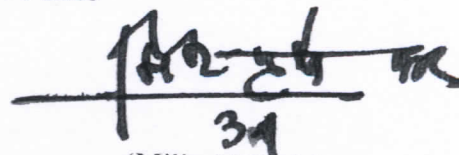
- (vii) The Applicant shall take adequate measures for control of noise levels from its own sources within the complex (residential cum Commercial) in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Daytime is reckoned as between 6 a.m. to 10 p.m. and Nighttime is reckoned between 10 p.m. to 6 a.m.

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

- (i) The applicant shall not generate any hazardous wastes.
7. The applicant shall take the proper remediation measures to ensure that the ground water and soil contamination is prevented.
8. The applicant shall comply with the conditions stipulated in Environmental Clearance, granted by Govt. of India, MoEF vide No. 21-268/2007-IA.III dt..23/08/2007
9. The Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
9. This consent shall not be construed as exemption from obtaining necessary NOC from any other Government agencies as may deemed fit necessary.
10. The applicant shall submit a Bank Guarantee of Rs.10,00,000/- (Rupees five lacs only) for compliance of consent conditions

11. This is issued with the approval of Consent Appraisal Committee of the Board in its meeting held on 9th November 2011.

12. The Capital investment of the project is Rs. 29198 Lacs


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(Milind Mhaiskar, IAS)
Member Secretary

To,
M/s. Serene Properties Pvt. Ltd.
Plot No. 3, TTC Industrial Area,
MIDC, Airoli Navi Mumbai
Dist Thane

Copy to:

- a. RO-Navi Mumbai /SRO-Navi Mumbai -II
- b. CAO/Cess Branch/Master File

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	75000	087281	21 Jun 2011	Axis Bank
2	100	087118	15 Jun 2011	Axis Bank
3	75100	316507 and 08	8 Feb 2011	Axis Bank
4	75000	087280	21 Jun 2011	Axis Bank
5	100	087117	15 June 2011	Axis Bank
6	75000	087279	21 Jun 2011	Axis Bank
7	50000	091861	30 Nov 2011	Axis Bank
8	50000	091858	30 Nov 2011	Axis Bank
9	50000	091859	30 Nov 2011	Axis Bank
10	50000	091860	30 Nov 2011	Axis Bank
11	84000	092391	29 Dec 2011	Axis Bank