

MAHARASHTRA POLLUTION CONTROL BOARD

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Red/LSI



Kalpataru Point, 2nd - 4th Fl.

Opp. Cine Planet Cinema,

Near Sion Circle, Sion (E)

Mumbai-400 022.

Consent No. BO/JD(WPC)/EIC-TN-3655-12/E/CAC-604

Date: 27/09/2012

Consent to Establish 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

CONSENT is hereby granted to,

**M/s. Vasai Virar Municipal Corporation.
Vasai Virar City Municipal Corporation,
Virar (W), Tal- Vasai, 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 & T) 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 Establish is granted for a period up to- Commissioning of the unit or 5 year whichever is earlier .
2. The daily quantity of domestic effluent STP wise as below shall not exceed...

Sr. No.	Name of STP	Quantity of Effluent in MLD	To be discharged into
1	Chikhaldongri village STP 1	13	Vaitarna Creek
2	Bolinge Village STP 2	30	Vaitarna Creek
3	Nalasopara (E) near dumping ground STP 3 (Provisional location)	30.5	Kalamb Creek
4	Nalasopara (W) near dumping ground STP 4 (Provisional location)	49	Kalamb Creek
5	Navghar Manikpur STP 5 (Provisional location)	7.1	Vasai Creek
6	Navghar Manikpur STP 6 (Provisional location)	35.85	Vasai Creek
7	Vasai - STP 7 (Provisional location)	11.57	Vasai Creek
	Total	175.4	

(Considering the water consumption & the domestic effluent generated over a period of 15 years from 2016 to 2031)

4. **Treatment:** The STP outlet at point mentioned above shall be treated to the following standards

Sr. No.	Parameter	Limits
1	pH	Between 5.5 to 9.0
2	Suspended Solids	Not to exceed 100 mg/l
3	BOD 3 days 27 C	Not to exceed 100 mg/l.
4	Oil & Grease	Not to exceed 10 mg/l.
5	% Sodium	Not to exceed 60 %
6	Mercury	Not to exceed 0.01 mg/l.
7	Lead	Not to exceed 2.0 mg/l.
8	Copper	Not to exceed 3.0 mg/l.
9	Zinc	Not to exceed 15.0 mg/l.
10	Nickel	Not to exceed 5.0 mg/l.
11	Total Chromium (asCr)	Not to exceed 2.0 mg/l.
12	Bioassay test on fish shall show 90 % survival 90 hours in 100% effluent	

5. **Disposal:**

They shall maintain primary water quality for Class SW- V waters for controlled waste disposal.

Collection and Pumping facility and pumping facility shall be made available.

Necessary pumping stations with stand-by arrangement shall be provided.

The treated effluent after achieving the above standards shall be discharged into creeks as stated above. The schedule for completion of the above treatment and disposal facilities shall be adhered to as per the commitments given in this behalf i.e. by year 2016.

IF the local body is admitting any effluent arising from the industries located in their jurisdiction arrangement shall be made by the local body to see that such admittance:-

- (i) Will not cause the deterioration of sewers / drains.
- (ii) Will not cause any toxicity either at treatment works of enroute.
- (iii) Will not cause harmful effect on people working at treatment work or enroute.

The local body shall fully treat such industrial effluent to meet the above standards.

6. At the outlet terminal, manholes with measuring devices in the form of "V" notches properly calibrated or suitable flow measurement devices shall be provided. No effluent shall find its way other than in designed and provided collection system. Measurement of flow shall be made Board staff at these terminal manholes.
7. The sludge garbage and the solid waste be scientifically collected, transported and composted in a place more than 2 Kms. away on leeward side. Otherwise may be disposed by incineration / sanitary land filling. The Vasai Virar Municipal Corporation shall comply with the provisions of Municipal Solid Wastes (Management & Handelling) Rules, 1998 and amendments thereof.
8. The municipal corporation shall at its own cost get the samples of untreated and treated effluent collected and analyzed every three months and shall submit the

report thereof to the Sub Regional Officer, Maharashtra Pollution Control Board, Thane-II with a copy to the Board Officer and the Regional Officer, Thane.

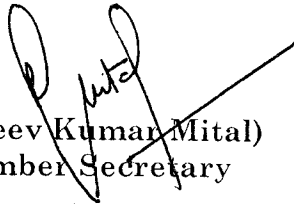
9. A Yearly progress report in the prescribed proforma shall be submitted to the office of Sub Regional Office and the Regional Office , Thane stating therein the progress made in respect of execution of treatment and disposal of works under this consent. These report shall be submitted by the 10th April.
10. The Municipal Corporation shall not charge or alter the quantity, the rate of discharge temperature and the mode of disposal of the effluent without previous written permission of the Board Office.
11. The Board reserves the right to revoke, change or alter the terms and conditions of consent by giving one month's notice to the Municipal Corporation.
12. The Municipal Corporation shall provide faculty for collection of samples to the Board staff at the terminal manhole.
13. The Municipal Corporation shall make an application for renewal of the consent atleast 30 days before the date of expiry of the consent.
14. An inspection Book shall be opened and made available to the Board Officers during their visit to the Municipal Corporation.
15. The Municipal authorities shall comply with the provisions of the Water (Prevention and Control of Pollution) Cess Act, 1977. They shall regularly submit to the Board the returns in the prescribed form and pay cess as specified under Section # of the said Act.
16. Penalty Clauses : If the Municipal Corporation fails to implement consent conditions prescribed above within the prescribed time limit, it is liable for prosecution under Section 44 of Water (Prevention and Control of Pollution) Act, 1974, and shall on conviction be liable to penalties provided therein.
17. **General Conditions:**
 - (i) The applicant should bring minimum 33% of the available open land under green coverage/ plantation. The applicant should submit a yearly statement by 30th September every year on available open plot area, no. of trees surviving as on 31st March of the year and no. of trees planted by September end.
 - (ii) The applicant should provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he 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 should stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
 - (iii) The applicant should make an application for renewal of the consent at least 30 days before the date of the expiry of the consent. The applicant should 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 should submit MPCB, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30th September every year.
 - (v) The applicant should 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 should be

maintained. The applicant should also submit a comparative statement of designed power and chemical consumptions vis-a vis actual power and chemical consumption along with Environmental statement.

- (vi) Separate drainage system should be provided for collection of trade and sewage effluents. Terminal manholes should be provided at the end of collection system with arrangement for measuring the flow. No effluent should be admitted in the pipes/sewers down- stream of the terminal manholes. No effluent should find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises should be allowed to mix with the effluents from the factory.
- (vii) The applicant should 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 should pay to the Board for the services rendered in this behalf. An inspection book should be opened and made available to the Board's officers during their visit to the applicant.
- (viii) The industry should 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 should maintain good house keeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.

This consent is issued pursuant to decision taken in the Consent Appraisal Committee meeting of the Board dated 21/08/2012

For and on Behalf of the
Maharashtra Pollution Control Board,


(Rajeev Kumar Mital)
Member Secretary

To
M/s. Vasai Virar Municipal Corporation,
Vasai Virar City Municipal Corporation,
Virar (W), Tal- Vasai, Dist- Thane

Copy forwarded with complements to:

1. The Collector, Vasai Virar Municipal Corporation
2. The District Health Officer, Zilla Parishad, Vasai Virar Municipal Corporation.
3. The Director of Municipal Administration, EDPHQ, Mantralaya, Mumbai-400 032.

Copy to: RO, MPCB, Thane / SRO, MPCB, Thane / CAO / HWM Wing - HQ
Received Consent fee of -

Amount	D.D. No.	Date	Bank
100000/-	030518	27/01/2012	Axis Bank