

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Consent order No :- Format 1.0/BO/CAC-cell/EIC-MU-4771-13/E/CAC-6670

Date: ~~2014~~ 16/07/2014

To,
Executive Engineer,
Water supply project C-II,
Municipal Corporation of Greater Mumbai,
Balkum Naka, Thane.

Subject: Consent to Establish for Water Reclamation Plant in Red category.

Ref :
1. Minutes of 6th CAC meeting of 2013-14 held on 12.6.2014

Your application CE1308000382

Dated: 13.8.2013

For: 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
under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is considered and the
consent is hereby granted subject to the following terms and conditions and as
detailed in the schedule I, II, III & IV annexed to this order:

1. The consent is granted for a period from date of issue up to commissioning of the unit or 5 years whichever is earlier.
2. The capital investment of the Water reclamation plant is Rs. 71.75 Crs. (As per undertaking submitted by MCGM) and CI of the existing water treatment plant is Rs. 111 crs
3. The Consent to Establish is valid for Water Reclamation Plant (71.39 MLD) on Survey No. 29.Pai-1/30 Pai-1/31-Pai-1/32-Pai-1/33 Pai-1 & 36 Pai-1, Panjarapur Complex, Yewai Grampanchayat, Tal.-Bhiwandi, Dist.-Thane on total plot area of 10.51 acres and built-up area 2964 sq.m. as per commencement certificate issued by local body. The input for this proposed plant will be waste water discharged from filter backwash & sludge generated (i.e. approximately 31861 CMD as per MCGM's letter dated 29.5.2014) through existing water treatment plant having capacity of 1440 MLD.
4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	NIL	NA	NA
2.	Domestic effluent	9	As per Schedule -I	Septic tank and soak pit

5. Conditions under Air (P&CP) Act, 1981 for air emissions:

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
	Nil		

6. Conditions under Municipal Solid Waste (Management and Handling) Rule, 2000:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1.	Compacted sludge cake	1000 Kg/day	Land fill	CHWTSDF

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
N.A.						

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.

For and on behalf of the
Maharashtra Pollution Control Board

(Rajeev kumar Mital, IAS)
Member Secretary

Received Consent fee of -

Sr. No.	Amount (Rs.)	DD. No.	Date	Drawn On
1.	100000/-	623772	05.8.2013	Bank of Baroda

Copy to:

1. Regional Officer -Kalyan and Sub-Regional Officer-Bhiwandi, MPCB,
-- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

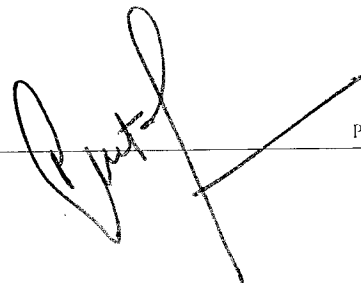
- 1) The waste water generated from filter backwash & sludge of existing water treatment plant shall be treated in Water Reclamation Plant to recycle 100% reclaimed water in Water Treatment Plant in turn lead to Water Supply for additional population.
- 2) A] As per your consent application, you have proposed to install packaged sewage treatment system.
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

C] The treated sewage shall be soaked in a soak pit, which shall be got cleaned periodically.
- 3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 4) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 5) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made thereunder for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	00
2.	Domestic purpose	10
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	00



Schedule-II & III is not applicable in this case, hence not annexed.

Schedule-IV

General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 3) 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.
- 4) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 5) The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 6) The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazarsous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 7) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 8) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity.**
- 9) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
- 10) The industry should not cause any nuisance in surrounding area.
- 11) 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.
- 12) The applicant shall maintain good housekeeping.
- 13) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 14) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 15) The applicant shall not change or alter the 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. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 16) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.

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