

# MAHARASHTRA POLLUTION CONTROL BOARD

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Near Sion Circle, Sion (E)  
Mumbai - 400 022

Consent order No: - BO/JD (WPC)/CC/MM-4526/CC-9689

Date: ~~1/2014~~

09/08/2016

To,

M/s. City and Industrial Development Corporation of Maharashtra Ltd,  
CIDCO Bhavan, CBD Belapur, Navimumbai.

Subject: Consent to first operate for Ghansoli STP (30 MLD)

Ref : 1. Earlier Consent to establish granted vide No. BO/RO(HQ)/TB/CO/CC- 674  
dt. 12.05.2009  
2. Minutes of Consent Committee meeting held on 22.04.2015

Your application to SRO Navi Mumbai - II dated: 09.03.2013

For: Grant of 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 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II & III annexed to this order:

1. The consent is granted for a period up to 31.12.2016
2. The Consent is granted for collection, treatment and disposal of domestic effluent generated from CIDCO.
3. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

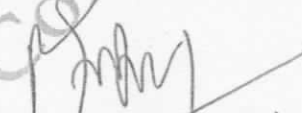
Sr. no.	Description	Permitted quantity of discharge (MLD)	Standards to be achieved	Disposal
1.	Domestic effluent	27	As per schedule - I	Vashi Creek
2	Trade effluent	Nil	N.A.	N. A.

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

Sr. No.	Description of stack / source	Number of Stack	Standards to be achieved
-	-	-	-

5. The CIDCO shall comply with the provision of CRZ Notification.
6. This consent is issued as per the distance of STP from creek submitted by the CIDCO.
7. This consent should not be construed as exemption from obtaining necessary NOC/Permissions from any other Government authorities.
8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. Capital investment of the project is Rs. 53.03 Cr.

For and on behalf of the  
Maharashtra Pollution Control Board

  
(Dr. P. Anbalagan, IAS)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount (₹)	DD. No.	Date	Drawn On
1.	1,50,000/-	971055	11 March 2013	Indian Bank
2.	2,50,000/-	236475	21 May 2013	Indian Bank
3.	2,58,331/-	849111	27 June 2016	Indian Bank

Copy to:

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

**Schedule-I**

**Terms & conditions for compliance of Water Pollution Control**

- 1) A] As per your application, the Sewage Treatment Plant (STP) with the design capacity are as under

Sr. No.	Name of STP	Quantity of effluent MLD
1.	Ghansoli STP , Plot. No. 3, Sec-15	30

- B] The Applicant shall operate the Sewage treatment plant (STP) to treat the effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Standards prescribed by Board
	Compulsory Parameters	Limiting Concentration in mg/l, except for pH
1.	pH	6.5 to 8.5
2.	Oil & Grease	Not to exceed 5
3.	BOD (3 days 27°C )	Not to exceed 10
4.	Free Ammonia (as N)	Not to exceed 1.2
5.	Nitrates	Not to exceed 45
6.	Dissolved Phosphate as (P)	Not to exceed 5
7.	Dissolved Oxygen	Not less than 5
8.	Faecal Coliform	No FC/100 ml
9.	Total Coliform	200 TC/100ml
10.	Floating matter	Nothing obnoxious or detrimental for use purpose
11.	Bioassay test on fish	90% survival of fish after first 96 hrs in 100% effluent.

**C) The treated effluent shall be disposed**

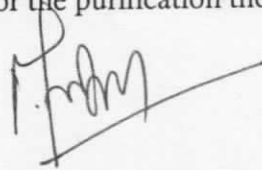
- 1) After proper disinfection on land for gardening, irrigation, road side plantation, curing water for construction, MSW facility for spraying purpose, and all other non potable, non tangible water uses. The remaining shall be discharge into Vashi Creek.

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

1. Will not cause the deterioration of sewers/drains.
2. Will not cause any toxicity either at treatment works of enroots.
3. Will not cause harmful effect on people working at treatment work or enroots.

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

- 2) 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.

- 3) 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.
- 4) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Sr. no	Purpose for water consumed	Water consumption quantity (MLD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	Nil
2.	Domestic purpose	30
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	Nil
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil

- 5) The Applicant shall provide Specific Water Pollution Control System as per the conditions of EP Act, 1986 and rule made there under from time to time.

Maharashtra Pollution Control Board  
[Signature]

Schedule-II

Terms & conditions for compliance of Air Pollution Control

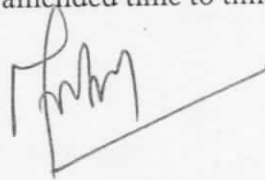
1. As per your application, you have provided the Air pollution control (APC) system and also to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO <sub>2</sub> Kg/Day
-	-	-	-	-	-	-	-

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
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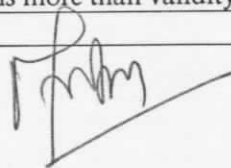
4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
6. The CIDCO shall observed the national Ambient Air Quality for industrial commercial, residential and silent zone as per SO384 (E), Air (P CP), act, 1981, dated 11/04/1994, SIA notification GSR/76 (E), dated 2/04/1996 & EIA notification SO (% (E), Air (P CP), Act, 1981, dated 14/10/1998 as amended time to time .



**Schedule-III**

**Bank Guarantee regime towards obtaining compliance of Environmental norms for  
CIDCO**

Code	Compliance	Municipal Corporation & A Class Municipal Council (BG in Lakhs `)	Time for Compliance	Compliance report with remarks by SRO
<b>Performance issues</b>				
1	Providing Closed sewer pipeline network for carrying total sewage specified jurisdiction to that particular STP so that no sewage is discharge without treatment.	25	1 year	
2	Criteria - To achieve full capacity of sewage treatment If sewage treatment available is			
a	25 % or less	100	1 year	
b	> 25% to 50 %	75	1 year	
c	> 50% to 75 %	50	1 year	
d	> 75 % and above	25	1 year	
3	Providing arrangement for treated sewage recycle and reuse atleast 50% for gardening, road side plantation, curing for building construction, MSW facility for spraying purpose, and all other non potable, non tangible water uses. (per STP)	10	1 year	
4	Providing adequate system for treatment / disposal of waste i.e. sludge to convert into manure. (per STP)	5.0	1 year	
5	To provide online flow meter with data logger at the inlet and at outlet of STP (per STP)	2.0	Six months	
<b>Operation and Maintenance issues</b>				
6	Disposal of all solid waste like Grit etc. other than sludge generated from the STP at MSW site. (per STP)	2.0	Continuous	Monthly
7	Towards Operation & Maintenance of the Sewage Treatment Plant to achieve disposal standards. (per STP)	5.0	Continuous	Monthly
8	Obtaining approval from National Institute of Oceanography for fixing the treated sewage disposal point. (per STP)	10	2 years	
<b>Record issue</b>				
9	Maintaining Records (per STP)	1.0	Continuous	Monthly
10	All the Bank Guarantees shall be submitted in 15 days from the date of receipt of the consent and all shall be valid for four months more than validity of the consent.			





- 12) At the inlet and outlet terminal, manholes with measuring devices in the form of online flow measurement devices shall be provided in each STP and record of the same shall be maintained. No effluent shall find its way other than in designed and provided collection system.
- 13) The CIDCO shall obtain authorization and comply with the provisions of **Municipal Solid Wastes (Management & Handelling) Rules, 2000 and amendments thereto** and the **Bio-Medical Waste (Management & Handelling) rules, 1998 and amendments thereto**, notified by Ministry of Environment & Forest, Government of India vide notification dt. 25.09.2000 which is related to Collection, Segregation, Storage, Transportation, Processing and Disposal as per schedule.
- 14) The CIDCO 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 Regional Officer, Navi Mumbai/Sub Regional Officer, Navi Mumbai -II, Maharashtra Pollution Control Board, with a copy to the Board Office.
- 15) A Yearly progress report in the prescribed proforma shall be submitted to the Sub Regional Office and the Regional Office, stating therein the progress made in respect of execution of treatment and proposal of works under this consent. These reports shall be submitted by the 10<sup>th</sup> April.
- 16) The CIDCO 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.
- 17) The CIDCO provide an application for renewal of consent at least 30 days before the date of expiry of the consent.
- 18) 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
- 19) The CIDCO shall provided facility for collection of samples to the Board staff at the terminal manhole.
- 20) An inspection Book shall be opened and made available to the Board Officers during their visit to the Municipal Corporation.
- 21) The CIDCO authorities shall comply with the provision of the water (P & CP) Act,1974, Cess Act,1977, and amended rules 2003 there under. They shall regularly submit to the board returns in the prescribed format and pay the cess as specified under section three of the said Act.
- 22) The CIDCO shall not change or alter the quality , quantity the rate of discharge, temp and node of disposal of the effluent without previous writer permission of the Board office.

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