

# MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai-400 022.

Infrastructure /ORANGE /LSI

Date: 28/12/2020

Consent Order No: - Format 1.0/BO/JD (WPC)/UAN No.00000090396/CO/HOD- 2012001176  
To,

M/s New Satara CHS Ltd,  
Plot A/24E, Sector 12,  
Kharghar, Navi Mumbai.

Subject: Grant of Consent to Operate (Part-II) for Residential building Construction Project in Orange Category.

Ref.: 1. Environmental Clearance obtained vide no. SEAC-2013/CR-231/TC-2, dated 14.05.2013.

Your application No. 0000090396, dated 17/08/2020

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 and Authorization under Rule 6 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 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 to operate is valid for period up to 31/08/2022.
2. The capital investment of the project is Rs.66.31 Crs as per undertaking submitted by P.P.

The Consent to operate is valid for construction Residential cum Commercial project of, M/s New Satara CHS Ltd, Plot A/24E, Sector 12, Kharghar, Navi Mumbai., on total plot area of 8508.55 Sq. Mtrs. for construction BUA of 9674.947 Sq mtrs (Out of Total BUA 33604.85 Sq mtrs ) as per the EC vide No. SEAC-2013/CR-231/TC-2, dated 14.05.2013.

#### 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	11.20	As per Schedule -I	The treated domestic effluent shall be 60% recycled for secondary purposes and remaining shall be utilized on land for gardening and connected to sewerage system provided by Local Body.

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

Sr. No.	Description of stack/ source	Number Of Stack	Standards to be achieved
1	D.G. Set (125 KVA) (Existing)	1	As Per Schedule -II



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

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	Biodegradable	142Kg/D	OWC	Used as Manure
2	Non-Biodegradable	134 Kg/D	Segregate	Hand over to Local Body for recycling

**7. Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for treatment and disposal of hazardous waste**

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
NIL					

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Project Proponent shall provide adequate capacity of sewage treatment plant so as to achieve treated domestic effluent standard for the parameter BOD- 10 mg/lit.
- The treated domestic effluent shall be 60 % recycled for secondary purpose such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- Project Proponent shall comply with the conditions stipulated in Environmental Clearance granted by SEAC-2013/CR-231/TC-2, dated 14.05.2013.**
- Project Proponent shall install online monitoring system for pH, SS and flow at the outlet of Sewage Treatment Plant.**
- Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC /CRZ clearance and C to E.**
- Project Proponent shall install organic waste converter along with composting facility for the treatment of wet garbage.

For and on behalf of the  
Maharashtra Pollution Control Board

(Dr. Y. B. Sontakke)  
Joint Director (WPC)

Received Consent fee of -

Sr. No.	Amount	DR/ DD/ RTGS/ NEFT/ TXN No.	Bank Name	Date
1	Rs. 100000/-	5460423(NEFT)	State Bank Of India	17.08.2020

**Copy to:**

- Regional Officer (Raigad)/ Sub-Regional Officer (Raigad-I), M.P.C. Board.  
-They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Mumbai.
- CC/CAC desk- for record & website updating purposes.



### Schedule-I

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

- 1) A] As per your application, you have provide Sewage Treatment Plants of designed capacity **120 CMD** based on extended aeration technology for the treatment of **11.20 CMD** of domestic sewage.
- B] The Applicant shall operate the Sewage Treatment Plant (STP) 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:

Sr. No. Parameters		Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
01	pH	6.5-9.0
02	BOD	Not more than 10
03	TSS	Not more than 20
04	COD	Not more than 50
05	NH <sub>4</sub> N	Not more than 5
06	N-total	Not more than 10
07	Fecal Coliform (MPN/100 ml)	Less than 100

- C] The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time. Project proponent shall provide flow meter to ensure 60% recycling of treated sewage and shall maintain the record with data logging system. PP shall achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit. The online monitoring data of the parameters Flow, BOD, TSS at the STP outlet shall be connected to MPCB Server.
- 1) 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 and/ or extension or addition thereto.
- 2) 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.
- 3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, and other provisions as contained in the said act.

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1	Industrial Cooling, spraying in mine pits or boiler feed	NIL
2	Domestic purpose	15.00
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



### Schedule-II

#### Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to installed the Air pollution control (APC) system and also erected 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	SO <sub>2</sub> Kg/D
1	D.G. Set (125 KVA) (Existing)	Acoustic Enclosure	4.0	HSD	15Kg/Hr	--

2. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Total Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
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3. 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.
4. 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).

### Schedule-III

#### Details of Bank Guarantees

Sr. No.	Consent (C to E)	Amt of BG Imposed	Submission Period**	Purpose of BG	Compliance Period	Validity
1	C to E	Rs.10 Lakh	15 Days	Towards compliance of EC & Consent to operate conditions	31/08/2022	31/12/2022

\* The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.





#### Schedule-IV

##### General Conditions:

- 1) The applicant shall provide facility for collection of samples of 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) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act 1986 and Municipal Solid Waste (Management & Handling) Rule 2000, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) 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) Applicant 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) Applicant should make efforts to bring down noise level due to DG set, outside their premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) 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.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
- 7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8) Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9) The treated sewage shall be disinfected using suitable disinfection method.
- 10) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 11) **The applicant shall obtain Renewal of Consent from the Board before expiry of the consent to operate.**

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