

MAHARASHTRA POLLUTION CONTROL BOARD

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Consent order No. Format 1.0/BO/CAC-Cell/UAN No. 0000063025/R/2ndCAC-1907000836

Date- 23/07/2019

To,

M/s Magarpatta township Development & Construction Co. Ltd. "Magarpatta City",
S. Nos. 115, 116, 126-130, 138-148, 149(P), 254, 288 (P),
Hadapsar, Pune - 411 013.

Subject: Grant of renewal of Consent to Operate for Residential, IT Park, SEZ, Commercial & Amenity Project "Magarpatta City" in Red Category.

Ref.: 1. Previous Consent to Operate No. Format 1.0/BO/CAC-Cell/UAN No. 20816/CAC-1801001240 dtd. 31/01/2018 valid up to 31/01/2019.

2. Minutes of Consent Appraisal Committee meeting held on 26/04/2019.

Your application No.0000063025 Dated 19/12/2018

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 granted for period up to 31/01/2021.
2. The capital investment of the project is Rs. 1,430.21 Crs as per C.A. Certificate submitted by the project proponent.
3. The Consent to Operate is granted for Residential, IT Park, SEZ, Commercial & Amenity Project "Magarpatta City" of M/s Magarpatta township Development & Construction Co. Ltd. at plot bearing S. Nos. 115, 116, 126-130, 138-148, 149(P), 254, 288 (P), Hadapsar, Pune - 411 013 on total plot area 15,94,100 sq. mtrs. for total construction BUA 7,37,200 sq. mtrs. including utilities and services of project as per Environmental Clearance and construction permission issued by the Local Body.

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	4,342	As per Schedule -I	The treated domestic effluent shall be 60% recycled for secondary purposes and remaining shall be utilized on land for gardening.

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	DG Sets (50, 5x125, 8x160, 200, 3x250, 58x380, 75x500, 9x750, 17x1010 & 5x1250 KVA)	182	As Per Schedule -II

6. Conditions under Solid Waste Management Rule, 2016:

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	Biodegradable	3,222 Kg/D	Biogas Plant/ in vessel composting as per EC	Used as fuel

2	Non-Biodegradable	2,791 Kg/D	---	Segregate and Hand over to Local Body/ Sale to Scrap Merchant
3	STP Sludge	As actual Kg/D	---	Used as manure for gardening

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	Category	Quantity	UOM	Treatment	Disposal
1	Used/ Spent Oil	5.1	8,875	Ltrs/A	--	Sale to Auth. Part/ Re-processor

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.
10. **Project Proponent shall operate STP to achieve BOD standards-20 mg/l and shall submit proposal within 1 month for up-gradation of existing STPs or for improving its performance so as to achieve BOD standards-10 mg/l within 6 months.**
11. The treated 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 within premises.
12. PP shall operate Bio gas plant with composting facility for the treatment of wet garbage and utilize compost as a manure in its own premise for gardening.
13. PP shall extend all existing BGs towards O&M of pollution control systems and towards compliance of the Consent conditions including BG of Rs. 10 Lakh towards achieving BOD - 10 mg/l within Six month.

**For and on behalf of the
Maharashtra Pollution Control Board**

**(E. Ravendiran, IAS)
Member Secretary**

Received Consent fee of –

Sr. No.	Amount	DR/ DD/ RTGS/ NEFT/ TRXN No.	Date	Bank Name
1	Rs. 57,20,840/-	TXN1812003222	28/12/2018	--

Copy to:

1. Regional Officer (Pune)/ Sub-Regional Officer (Pune-I), M.P.C. Board.
- They are directed to ensure compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. 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 provided 3 nos. of STPs of designed capacity 3 MLD, 1.5 MLD & 250 CMD with SBR technology for the treatment of 4,342 CMD sewage.

B] The Applicant shall operate the Sewage Treatment Plants (STPs) 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	BOD (3 days 27°C)	10
02	Suspended Solids	20
03	COD	50
04	Residual Chlorine	1 ppm

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. In no case, effluent shall find its way to any water body directly/ indirectly at any time.

- 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 an 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) Act, 1974 and as amended, and other provisions as contained in the said act. The applicant shall consume water for various purposes as follows:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2	Domestic purpose	6,204
3	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5	For gardening	0.00



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have 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	S%	SO ₂ (Kg/day)
1	D.G. Set (50 KVA)	Acoustic Enclosure	1.5 (each)	Biogas	10 m ³ /Hr	1	--
2	D.G. Sets (5x125 KVA)	Acoustic Enclosure	3.0 (each)	HSD	36 Ltrs/Hr (each)	1	15 (each)
3	D.G. Sets (8x160 KVA)	Acoustic Enclosure	3.0 (each)	HSD	40 Ltrs/Hr (each)	1	17 (each)
4	D.G. Set (200 KVA)	Acoustic Enclosure	3.5 (each)	HSD	50 Ltrs/Hr (each)	1	21 (each)
5	D.G. Sets (3x250 KVA)	Acoustic Enclosure	3.5 (each)	HSD	55 Ltrs/Hr (each)	1	23 (each)
6	D.G. Sets (58x380 KVA)	Acoustic Enclosure	4.5 (each)	HSD	89 Ltrs/Hr (each)	1	37 (each)
7	D.G. Sets (75x500 KVA)	Acoustic Enclosure	5.0 (each)	HSD	105 Ltrs/Hr (each)	1	44 (each)
8	D.G. Sets (9x750 KVA)	Acoustic Enclosure	5.5 (each)	HSD	121 Ltrs/Hr (each)	1	51 (each)
9	D.G. Sets (17x1,010 KVA)	Acoustic Enclosure	6.0 (each)	HSD	150 Ltrs/Hr (each)	1	63 (each)
10	D.G. Sets (5x1,250 KVA)	Acoustic Enclosure	6.0 (each)	HSD	199 Ltrs/Hr (each)	1	84 (each)

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 ³
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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.	C to E/O/R	Amt. of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity
1	C to R	Rs. 25 Lakh	Existing	Towards O&M of pollution control systems	31/01/2021	Extend up to 31/05/2021 after expiry
2	C to R	Rs. 5 Lakh	Existing	Towards installation of online continuous monitoring systems for the parameters Flow, BOD, TSS at the outlet of STP with connectivity to MPCB Server	31/01/2021	Extend up to 31/05/2021 after expiry
3	C to R	Rs. 10 Lakh	Existing	Towards achieving BOD - 10 mg/l within Six month.	31/01/2021	Extend up to 31/05/2021 after expiry

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 Solid Waste Management Rules 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2016.
- 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 Solid Waste Management Rules 2016 and E-Waste (Management & Handling Rule 2016.
- 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 apply for renewal of consent to operate 60 days before expiry date of the Consent to Operate.**

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