

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781
/24037124/24035273
Fax : 24044532/24024068
/24023516
Email : jdwater@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor,
Sion- Matunga Scheme Road No. 8,
Opp. Cine Planet Cinema,
Near Sion Circle, Sion (E),
Mumbai - 400022

Infrastructure /Orange/LSI

Date- 28/12/2020

Consent No: Format1.0/BO/JD(WPC)/UAN No. 95063/CE/CC- 2012001177

To,
M/s Karp Estate Pvt. Ltd,
C.S. No. 832, Plot No. 95Worli Division, at Khan Abdul Gaffar Khan Road,
Worli, Mumbai

Subject: Consent to establish in Orange Category for residential construction project

Ref : 1. Consent application submitted by Sub-Regional Officer, Mumbai-I.

Your application: UAN No.0000095063 Dated: 21.07.2020

For: Consent to establish in Orange Category for residential construction project.

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 and Other Wastes (M & TM) 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 is granted for a period up to: Commissioning of the project or five years whichever is earlier.
2. The proposed capital investment of the project is Rs. 118.0 Crs. (As per CA certificate submitted by project proponent)

Consent to establish is valid for residential construction project named as M/s Karp Estate Pvt. Ltd, C.S. No. 832, Plot No. 95Worli Division, at Khan Abdul Gaffar Khan Road, Worli, Mumbai on Total plot area of 2584.38 Sqm and total Construction BUA 44327.3 Sqm including utilities and services as per Environmental Clearance dtd 03.07.2020 and construction commencement certificate issued by local body.

3. 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 | 21.0 | As per Schedule -I | 60% should be reused & recycled and remaining should be discharged in municipal sewer |

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

| Sr. No. | Description of stack/ source | Capacity | Number Of Stack | Standards to be achieved |
|---------|------------------------------|----------|-----------------|--------------------------|
| 1 | DG Set | 500 KVA | 1 | As per Schedule-II |

5. Conditions under Solid Waste Management Rules, 2016:

| Sr. no. | Type Of Waste | Quantity & UoM | Treatment | Disposal |
|---------|---------------|----------------|-----------|---|
| 1 | Wet garbage | 35 Kg/Day | OWC | Used as Manure |
| 2 | Dry garbage | 53 Kg/Day | - | Segregate and Hand over to Local Body for recycling |
| 3 | STP Sludge | 3 Kg/Day | - | Used as Manure |

6. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste:

| Sr. No. | Type of Waste | Category | Quantity | UOM | Disposal |
|---------|--------------------|----------|----------|-------|------------------------------|
| 1 | Used Oil/Spent Oil | 5.1 | 50 | Lit/A | By sale to Auth. Reprocessor |

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should 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 comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
- Project Proponent shall install online monitoring systems for pH, TSS and flow at the outlet of STP.
- Project Proponent shall provide Organic waste digester with composting facility or Biogas digester with composting facility.
- Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of C to E & Environmental Clearance/CRZ Clearance.
- The Project Proponent shall comply with the conditions of Environmental clearance obtained vide No SEIAA-EC-0000002294 dtd 03.07.2020 for construction project on total plot area 2584.38 sq.mt. and total construction BUA of 44327.3 sq.mt.

For and on behalf of the
Maharashtra Pollution Control Board

(Dr. Y. B. Sontakker)
Joint Director,
Water Pollution Control

Received Consent fee of -

| Sr. No. | Amount (Rs.) | Transaction No. | Date |
|---------|--------------|-------------------|------------|
| 1 | 236000 | NEFT MPCB-DR-1520 | 20.08.2020 |

Copy to:

- Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai-I. - 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 proposed to provide Sewage Treatment Plant (STP) with design capacity of 30 CMD based on MBBR Technology.
- B] The Applicant shall operate the effluent treatment plant (STP) to treat the sewage 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 Limiting Concentration |
|--------|--------------------|---|
| 1 | pH | 6.5 to 9.0 |
| 2 | BOD (3 days 27oC) | 10mg/l |
| 3 | Suspended Solids | 20mg/l |
| 4 | COD | 50mg/l |
| 5 | Total Nitrogen | 10 mg/l |
| 6 | Ammonical Nitrogen | 5 mg/l |
| 7 | Fecal Coliform | 100 MPN/100ml |

- C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.
- D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

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 should 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

- 2) The industry should 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, by installing water meters and other provisions as contained in the said act.

| Sr. no. | Purpose for water consumed | Water consumption quantity (CMD) |
|---------|----------------------------|----------------------------------|
| 1 | Domestic purpose | 27 |

- 4) 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.





Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install the Air pollution control (APC) system and also proposed 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 ₂ Kg/day |
|---------|-------------------|--------------------|------------------|--------------|----------|--------|----|------------------------|
| 1 | DG Set-500 KVA | Acoustic Enclosure | 4.5 | HSD | 50 | Lit/hr | 1 | 1.0 |

* Above roof of the building in which it is installed.

2. The applicant should 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 ³ . |
|--------------------|---------------|--------------------------|

3. The Applicant should 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.

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/O/R) | Amt of BG Imposed | Submission Period | Purpose of BG | Compliance Period | Validity Date |
|---------|----------------------|-------------------|-------------------|---|-------------------|---------------|
| 1 | Consent to establish | Rs. 10 Lakhs | 15 Days | Towards Compliance of Environmental Clearance & Consent conditions. | Continuous | 5 Yrs |

Maharashtra Pollution Control Board

Schedule-IV

General Conditions:

The following general conditions shall apply as per the type of the industry.

- 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 and E-Waste (Management) Rules, 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) Industry 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) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
 - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - f) 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.
 - g) D.G. Set shall be operated only in case of power failure.
 - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - i) 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 & E-Waste (M) Rules, 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) The treated sewage shall be disinfected using suitable disinfection method.
- 9) 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.
- 10) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**