

FILE NO. :PCB/KKD/DO/12224/2022

Date of issue :31/08/2022



KERALA STATE POLLUTION CONTROL BOARD

CONSENT TO ESTABLISH

ISSUED UNDER

**Section 25 of Water (Prevention & Control of Pollution) Act, 1974
Section 21 of the Air (Prevention & Control of Pollution) Act, 1981**

and

Environment (Protection) Act, 1986

**As per Application No. :17414304
Dated:25-08-2022**

TO

**M/s QUEENS PROMENADE
EAST HILL ROAD CHAKKOROTHKULAM ERANHIPALAM PO KOZHIKODE**

Consent No. :PCB/KKD/DO/ICE/12224/O22KOZ418163/ 17414304/2022

Valid Upto :24/08/2027

1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit.

1	VALIDITY	24/08/2027
2	Name and Address of the establishment	QUEENS PROMENADE EAST HILL ROAD CHAKKOROTHKULAM ERANHIPALAM PO KOZHIKODE 673006
3	Communication	Telephone :0-9037227922 Fax :- E-mail:tk.anfal@gmail.com
4	Occupier Details	M BAIJU MANAGING DIRECTOR QUEENS HABITATS PVT.LTD CHEROOTY ROAD CALICUT 673001
5	Local Body*	KOZHIKODE CORPORATION
6	Survey Number	1.34-1387,1388,1388/1,1388/2 (As per thundapper added survey no.1388/4,6,7,11,17,19,20,21,1387/7)
7	Village	KACHERI
8	Taluk	KOZHIKODE
9	District	Kozhikode
10	Capital Investment(Rs in Lakhs)	2346.95
11	Scale	Large
12	Category	ORANGE
13	Annual fee(Rs)	104000
	Total Fee remitted(Rs)	520000/-
14	Activity	Commercial building with 14076.28 square meters built-up area under survey number 1.34-1387,1388,1388/1,1388/2(As per thundapper added survey no.1388/4,6,7,11,17,19,20,21,1387/7)under ward no 1 of the Kozhikode corporation.

2. CONDITIONS AS PER

The Water(Prevention and Control of Pollution)Act, 1974

- 2.1 Sewage Treatment Plant (STP) consisting of treatment units having adequate capacity shall be made functional/ arrangement for sewage treatment shall be provided, as per the proposal submitted along with the application, before commissioning of the establishment. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1)(g) of the Water Act shall also be made along with.
- 2.2 Water Consumption : 60000 liter/day
- 2.3 Effluent Generation : 54000 litre/day
- 2.4 The characteristics of effluent after treatment shall confirm to the following tolerance limits:

SI.NO.	Characteristics	Unit	Tolerance Limit	
			Sewage	Trade Effluent

2.5 Mode of disposal of treated effluent : 40000 litre/day is used for Flushing and balanced water disposed through Soak pit

3. CONDITIONS AS PER

The Air(Prevention and Control of Pollution)Act, 1981

3.1 Adequate air pollution control measures shall be provided before commissioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

Stack No.	Sources of Emission	Emission Rate(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level	Roof Level	
1	DG	160 KVA	3 m	2.53 m	Acoustic enclosure

3.2 Emission characteristics shall not exceed the following:

SI.No.	Parameter	Limiting Standards (mg/Nm3)
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4. CONDITIONS AS PER

The Environment (Protection) Act, 1986.

4.1 The construction activities shall be carried out strictly in compliance with the provisions of the Noise Pollution (Regulation and Control) Rules 2000.

4.2 Used lead acid batteries shall be disposed of as per the Batteries (Management and Handling) Rules, 2001

4.3 e-waste shall be disposed off safely as per E-Waste (Management) Rules, 2016.

5. ADDITIONAL CONDITIONS

5.1. This consent is granted subject to the power of the Board to review and make variations in all or any of the conditions.

5.2. This consent, unless withdrawn earlier and subject to Condition no. 5.1, shall be valid for five years from the date of application. At the end of the validity period, if the construction is in progress, the same shall be got renewed. If the construction is not started in the consent period, the applicant shall apply for fresh consent to establish.

5.3. The applicant shall comply with the instructions that the Board may issue from time to time regarding the prevention and control of air, water, land and sound pollution.

5.4. The date of commissioning shall be intimated, at least two months in advance, to the District Office of the Board at Kozhikode.

5.5. Consent to Operate under the Water (Prevention and Control of Pollution) Act 1974 and then Air (Prevention and Control of Pollution) Act 1981 shall be obtained by the builder before commissioning the

building for a period of five years.

5.6. Operation and maintenance contract with Performance Guarantee for the effluent treatment plant shall be entered into between the consentee and the consultant /authorize of the consultant for the said period. The application for 'consent to operate shall be accompanied by

- 1) An undertaking on Rs. 100/- stamp paper by the builder that all facilities required as per the 'consent to establish' has been duly installed and are functional;
- 2) A certificate by the consultant to the same effect;
- 3) Copy of operation and maintenance contract and 4) copy of performance guarantee.

5.7. A minimum setback as per Kerala Municipality Building Rules shall be provided between the boundary and the building and the setback can be utilized for the development of the green belt.

5.8. Water meter shall be fixed to record the consumption of water.

5.9. Maximum quantity of effluent discharged per day shall be 54000 litre/day.

5.10. Effluent treatment plant of 54 KLD consisting of treatment units listed below shall be made functional before commissioning.

1. Grit Cum Bar Screen chamber.
2. Oil separation tank.
3. Grey Water Collection/equalization tank.
4. Septic tank
5. Anaerobic reactor with bio-media.
6. MBBR Aeration tanks with a grit aeration system.
7. Secondary Clarifier.
8. Disinfection tank and feed pumps.
9. Pressure sand filter.
10. Activated Carbon filters.
11. Ultra Filtration system
12. Treated water tank and disinfection system
13. Sludge holding tank
14. Drying bed/ Biogas plant

5.11. The standards of sewage discharges from the sewage treatment plant is as follows

A) Reuse Standards (Flushing/Gardening)

- 1)PH -6.5-8.5
- 2)BOD -3mg/l
- 3)Oil and Grease-1mg/l
- 4)Suspended solids-20mg/l

B)Soak pit standards

- 1)PH -6.5-9
- 2)BOD -30mg/l
- 3)COD -250mg/l
- 4)SS- 100 mg/l
- 5) Oil and Grease-10 mg/l

Discharge from the Treatment plant shall be through a soak pit after meeting the above standards.

5.12. The 54 KLD Sewage treatment plant, soak pit and biogas plant shall be set up beyond 17.32 m from the nearest residence educational institution/court/public office/hospital/place of worship/ community hall/similar establishments (excluding industries)

5.13. Energy meter (T.O.D) shall be installed exclusively for the effluent treatment plant and treated effluent

reuse system and shall be maintained properly.

5.14. Arrangements shall be provided for rainwater harvesting and for utilization of harvested rainwater. The recharging point of the rainwater harvesting system shall be at least 20m away from the soak pit.

5.15. DG set of 160 KVA shall be Type Approved so that noise measured 1 m outside the enclosure does not exceed 75 dB (A). The minimum chimney height for venting emissions shall be 2.53 m above the roof level of the building. The DG set shall be placed beyond a distance of 8.94 m from the nearest residence. DG Set is not permitted to provide in the setback area.

5.16. The natural drainage of the area shall be protected.

5.17. During the construction phase, the building materials shall be transported with a proper cover or after wetting to prevent the spreading of dust during transportation. Water sprinkling and scaffolding net of high density shall be employed to suppress the spreading of dust in the project area.

5.18. The ambient sound level in the project area due to vehicular movement shall be minimized by proper maintenance and planning.

5.19. The particulate matter and sound level at the boundary of the premises shall not exceed the National Ambient Air Quality Standard and Ambient Air Quality Standard in respect of Noise specified for that area.

5.20. All operations likely to produce dust or noise shall be carried out within closed premises.

5.21. The construction debris, mud discharges, etc from the construction site shall be disposed of safely and the details of the disposal of the same shall be intimated to the Board's District Office at Kozhikode in advance.

5.22. Proper precautionary measures shall be provided during the construction phase to minimize disturbance due to excavation, piling, transportation of materials, etc.

5.23. Sanitary facilities shall be provided to the construction workers.

5.24. The location of the structures shall, subject to the conditions herein, be as shown in the drawing attached. No change or alteration to the above except those specified in this consent shall be made without prior clearance from this office.

5.25. Any of the following facilities of adequate capacity for the proper solid waste management

1. Bio-gas plant / High-rate bioreactor.
2. Bio-bins / portable bio-bins.
3. Centralised masonry bio-tanks.
4. Aerobic Ferro-cement bins.
5. Organic waste converting machine (mechanical composting) method.

Sauma Hameed

Digitally signed by Sauma Hameed
Date: 2022.09.14 22:27:44 +05'30'

DATE :14/09/2022

SIGNATURE & SEAL OF ISSUING AUTHORITY
ENVIRONMENTAL ENGINEER



To

M BAIJU MANAGING DIRECTOR QUEENS HABITATS PVT.LTD CHEROOTY ROAD CALICUT
673001

- 1. This digitally signed document is legally valid as per the Information Technology Act 2000**
2. For verifying this document please go to krocmms.nic.in and search using date of issue/name of the unit/Application Number in “Consent Granted Applications” link in the home page of the Board’s Online Consent Management and Monitoring System.