

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
Karnataka State Pollution Control Board

“ಪರಿಸರಭವನ”, 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ.49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ
"Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA

H.D.Reg. No. 42195 dated 29.12.2012.

LGCL-59

NO. PCB/392/CNP/12/

H107

/ BY REGD. POST WITH ACK. DUE /

DATED:

18 APR 2013

(This document contains 05 Pages including Annexures)

To

Sri. K.S. Thyagaraj, President – Engineering & Construction,
M/s. LGCL Properties Pvt. Ltd.,
No. 12/1, Rest House Road,
Bangalore – 560 001.

Sir,

Sub: Consent for establishment to construct 59 Nos. of Residential Villas and Club House (GF+2UF) having built up area of 12,482.48 Sq.mtrs. at Sy. No. 36/2, 36/3, 36/4 & 40/2, Naganathapura Village, Begur Hobli, Bangalore South Taluk by M/s. LGCL Properties Pvt. Ltd.,

Ref: 1. Application for consent for establishment received at Regional Office, KSPCB, Bommanahalli on 29.12.2012.
2. Inspection of the proposed project site by Officer of the Regional Office, KSPCB, Bommanahalli on 07.01.2013.
3. Proceedings of the consent committee meeting held on 05.02.2013.
4. Project proponent letter dated 08.04.2013.

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With reference to the above, it is to be informed that this Board hereby accords Consent for Establishment under the Water (Prevention & Control of Pollution) Act 1974 to construct 59 Nos. of Residential Villas and Club House (GF+2UF) having built up area of 12,482.48 Sq.mtrs. at Sy. No. 36/2, 36/3, 36/4 & 40/2, Naganathapura Village, Begur Hobli, Bangalore South Taluk by M/s. LGCL Properties Pvt. Ltd., subject to the following conditions.

1. This consent for establishment shall be valid for a period of Five years from the date of issue of this Order.
2. The applicant shall not take expansion/diversification without the prior consent of the Board.
3. The applicant shall obtain necessary licence/clearance from their relevant agencies before taking up construction.
4. The applicant shall obtain NOC from the Board before handing over of the apartment complex to residents association.
5. Height of the building shall be restricted to 9.0 meters.

A. Uday Kumar
Senior Environmental Officer (I/c)

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I. Environmental Aspects and Management during the course of construction:

- a) The applicant should cover the project site from all sides by raising sufficiently tall barricades with sheets to ensure that pollutants should not spill to the surroundings.
- b) The applicant shall arrange services like housing facility, water supply, sewage facilities on a temporary basis at construction site and same shall be maintained without any adverse impact on the environment
- c) The applicant shall control the movement of vehicles carrying construction materials in order to avoid noise pollution in the surrounding.

I. WATER CONSUMPTION:

1. The source of water shall be **BWSSB** and the water consumption shall not exceed **45 KLD**. There shall not be drawal of ground water without the prior permission of CGWA.
2. The applicant shall use only tertiary treated water (treated sewage) for all non-potable purposes viz., construction of **Residential Villas**, gardening, washings etc.

II. WATER POLLUTION CONTROL:

1. The quantity of sewage shall not exceed **36 KLD** and shall be treated in the sewage treatment plant (STP) of capacity **40 KLD** with the treatment scheme as submitted in the STP proposal to meet the standards stipulated below before utilizing for Urban Reuse viz., landscape irrigation, vehicle washing, toilet flushing, use in fire protection and commercial air conditioners. STP shall be constructed on modular basis to cater to phase-wise development.

Applicant shall follow STP construction and operation guidelines published by the Board.

Sl.No	Parameter	Standards
1	pH	6-9
2	BOD ₅ mg/l	≤ 10
3	Turbidity, NTU	≤ 2
4	E.coli	None

2. Applicant shall add appropriate disinfectant to treated sewage to ensure some residual chlorine preferably in the range of 1 mg/l. to 3 mg/l.
3. If the treatment plant do not achieve the effluent standards stipulated under conditions (1) above or if it is found to be inadequate, then the applicant shall have to modify the units so as to meet the standards with prior consent of the Board.
4. All the treatment units shall be made impervious and there shall not be any discharge of sewage outside the premises.
5. Separate energy meter to STP shall be provided. Also, flow meters as per Water Cess Act shall be provide and a log book of readings shall be maintained.
6. The applicant should make provisions for dual piping system to use the treated sewage water for toilet flushing, gardening and other purposes.

A. Indira Kumar
Senior Environmental Officer (I/c)

III. AIR POLLUTION CONTROL:

1. The applicant during construction shall ensure that the Ambient Air Quality in its premises shall conform to the National Ambient Air Quality Standards specified in Environment (Protection) Rules.
2. The applicant shall provide acoustic measures to the DG Sets as per SI. No. 94 in Schedule-I of Environment (Protection) Rules.
3. The applicant shall provide dust suppression systems with water sprinkling system during construction period.

IV. NOISE POLLUTION CONTROL:

1. The applicant shall ensure that the ambient noise levels and ambient air quality within its premises during construction and after construction shall not exceed the limits specified in the Environment (Protection) Rules, i.e. 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.

V. SOLID WASTE & HAZARDOUS WASTE DISPOSAL:

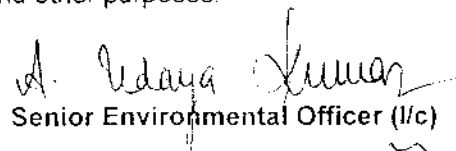
1. The applicant shall collect, treat and dispose off all solid waste generated during construction i.e. Muck, and Garbage after construction if any in such manner so as not to cause environmental pollution.
2. The applicant shall apply and obtain authorization for management & handling of waste oil under Hazardous Waste (Management & Handling) Rules 1989.
3. The applicant shall convert the garbage into compost by providing in house garbage/organic converter or shall handover the same to common treatment facility with prior intimation to the Board.

VI. HEALTH & SAFETY:

1. The applicant shall provide all necessary healthcare facilities to workers and shall carry out routine health survey among workers.
2. The applicant shall provide all safety measures including personal protective equipments to workers during construction.

VI. GENERAL :

1. The applicant shall adhere to the Zonal Regulations norms of competent authority.
2. The applicant shall comply with the provisions of Water (Prevention and Control of Pollution) Cess Act, 1977.
3. The applicant must create structure/facility for rain water harvesting and ground water recharge.
4. The applicant should make provisions for dual piping system to use the treated sewage water for toilet flushing, gardening and other purposes.


Senior Environmental Officer (I/c)

5. The applicant shall arrange for alternate power supply to run and operate the essential units of sewage treatment plant, in event of brake down of regular supply from Electricity Board.
6. The applicant shall implement the Environmental Management Plan during construction and after construction as given under EMP report.
7. The applicant shall not change or alter (a) No of flats (b) building plan (c) the quality, quantity or rate of discharge/ emissions and (d) install/replace/alter the water or air pollution control measures without the prior approval of the Board.
8. The applicant shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc.. in excess of the standards stipulated, and the applicant shall immediately take appropriate corrective and preventive actions under intimation.
9. Exact date of commissioning of the sewage treatment plant shall be informed to this Board 45 days in advance so as to make necessary inspection of the plant and the pollution control measures provided by the applicant.
10. The applicant shall appoint a qualified Environmental Engineer/ Scientist for the Management of Environmental aspects and also establish Environmental Cell to oversee the operation of STP.
11. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
12. This CFE does not give any right to the Party/Project Authority to forego any legal requirement, which is necessary for setting/operation of the project.
13. The application shall adopt Eco-sanitation system in the project.
14. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration and pay in advance an amount equal to the cost estimated by Competent Agency or Committee.
15. Bio-Medical waste and electronic waste shall be disposed to authorized common disposal facility and authorized recyclers respectively. Separate bin shall be installed to store Bio Medical Waste and electronic waste.
16. The Guarantee money deposited towards STP, green belt and organic converter shall be returned without any interest only after establishment of STP and organic converter and successful operation other-wise the Guarantee money deposited may be subjected to forfeiture.
17. The applicant shall plant specific local species in three rows all-around the boundary of the complex.


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18. The CFE is issued without prejudice to the Court case pending in any Hon'ble Court.

Please note that separate consents of the Board for discharge of liquid effluent and the emissions to the air shall have to be obtained by remitting prescribed consent fee. The application for consent has to be made 45 days in advance to the completion of construction work of Residential Apartment. Issue of consent will be considered only after completion of Water pollution control measures, solid waste management facilities and installing air pollution control measures.

The receipt of this letter may please be acknowledged.

For and on behalf of
Karnataka State Pollution Control Board


Senior Environmental Officer (I/c).