



Karnataka State Pollution Control Board

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No.49, Church Street, Bengaluru-560001
Tel No: 080-25589112/113, 080-25581383/388,
Website: <https://kspcb.karnataka.gov.in>

ZONAL OFFICE : Bengaluru South
Nisarga Bhavan 3rd Floor, Thimmaiah Road, 7th D
Main, Shivanagar, Bengaluru-560010
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Consent For Establishment (CFE) - (CfE-Fresh)

As per the provisions of
The Water (Prevention & Control of Pollution) Act, 1974
&
The Air (Prevention & Control of Pollution) Act, 1981

To

Perlite Developers, Singena Agrahara Village, Sarjapura Hobli, Anekal
Taluk

for the Facility located at,

Perlite Developers, Sy. No. 82/3, 82/6, 82/7, 82/10, 82/11, 82/13, 82/14 & 82/15
, Singena Agrahara Village, Sarjapura Hobli, Anekal Taluk
Bangalore Urban

Consent Order No	PCBID	INW ID	Industry Colour/Scale	Date of Issue
CTE-348413	277940	311888	ORANGE/LARGE	11/04/2025

This Consent is granted for the Products/ Activity/Service name indicated
in the annexure along with the terms & conditions attached to this order

Validity : 07/04/2030

Combined Consent Order No: CTE-348413

PCB ID: 277940

GSC No : PB0XG0000301888

Date: 11/04/2025

To,

The Occupier,

Perlite Developers

No. 1, Behind SVR College,
Samasandrapalya, HSR
Layout Post, Bengaluru South
Taluk 560102

Sir,

Sub: Consent to Establish new activity under Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981

- Ref: 1. CFE application submitted by the industry/organization on 03/04/2025 at regional Office
2. Inspection of the project site by Regional Officer Bengaluru Sarjapura on 04/04/2025

With reference to the above, it is to be informed that, the Board hereby accords **Consent for Establishment** for new Activity under Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981 at the location indicated below subject to the following terms & conditions.

Location:

Name of the Industry:

Perlite Developers

Address:

Sy. No. 82/3, 82/6, 82/7, 82/10, 82/11, 82/13, 82/14 & 82/15, Singena Agrahara Village, Sarjapura Hobli, Anekal Taluk

Industrial Area:

Not In I.A,

Singena Agrahara Village,

Taluk:

Anekal-Sarjapura Hobli,

District: Bangalore Urban

1. This consent for establishment is valid up to **07/04/2030** from the date of issue.
2. The applicant shall not undertake expansion/diversification without the prior consent of the Board.
3. The applicant shall obtain necessary license/clearance from other relevant statutory agencies as required under the law.
4. This consent is granted considering the following activities:

Sr	Product Name	Applied Qty	Unit
1	residential apartment of 126flats with amenities block having built-up area of 25,439.65sqm	126.0000	Flats/Apartments

I. WATER CONSUMPTION:

1. The source of water shall be from **Gram panchayat** and total water consumption shall be as below.

Particulars	Water consumption(KLD)
Domestic Purpose	94.0

II. WATER POLLUTION CONTROL:

1. The industry shall treat the domestic wastewater from the factory in septic tank with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be designed as per IS 2470 Part – I and Part – II.
2. The industry shall treat the domestic wastewater in the Sewage Treatment Plant (STP) as per the proposal submitted. It shall meet the standards specified in Annexure-I & shall be used on land for gardening/ greenbelt within the factory premises.
3. Domestic Sewage shall be discharged to Underground drainage System/ Sewers owned by Local body.
4. The trade effluent shall be treated in the Effluent treatment Plant (ETP) to the stipulated standards and the treated trade effluent shall be discharged to the Underground drainage System (UGD) owned by Local body.

STP & ETP details

SINo	ETP/STP NO	ETP Code	Category Name	Capacity (Meter Cubic)	Units	Remarks
1	STP1	BS-	Bar Screen	1.00	1	
2	STP1	COL	P-Collection Tank	36.00	1	
3	STP1	HOL	P-HOLDING TANK	90.00	1	Treated water tank
4	STP1	HOL	P-HOLDING TANK	36.00	1	Anoxic tank
5	STP1	HOL	P-HOLDING TANK	36.00	1	Pre filtration tank
6	STP1	HOL	P-HOLDING TANK	105.00	1	SBR tank
7	STP1	SHT	S-SLUDGE HOLDING TANK	15.00	1	
8	STP1	CFL	T-CARBON FILTER	1.00	1	
9	STP1	SFL	T-SAND FILTER	1.00	1	

Discharge of effluents under the Water Act:

Sl. No.	Description	Permitted Quantity of discharge in KLD	Mode/Place of disposal
1	Domestic Purpose	85.000	sewage generated from the project will be treated in STP of capacity 90KLD and treated sewage will be used for flushing/floor washing/gardening etc., with in the premises

III. AIR POLLUTION CONTROL:

1. The Source of emission, Stack height & Air Pollution Control (APC) measures shall be as specified in ANNEXURE-II.
2. The occupier shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The Occupier shall upgrade/modify/replace the control equipment with prior permission of the Board.

IV. NOISE POLLUTION CONTROL:

The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period shall not exceed w.r.t Area/Zone as per Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- a) In Industrial Area 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- b) In Commercial Area 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- c) In Residential Area 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- d) In Silence Zone 50 dB(A) Leq during day time and 40 dB(A) Leq during night time.

Note: - * Day time shall mean 6 am to 10 pm and Night time shall mean 10 pm to 6 am.

- * dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- * A "decibel" is a unit in which noise is measured.
- * "A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
- * Leq: It is an energy mean of the noise level over a specified period.

V. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The industry shall collect, treat and dispose off all solid waste generated from the process other than wastes covered under the Hazardous Wastes (Management & Transboundary Movement) Rules 2016, in such manner so as not to cause environmental pollution.
2. The details of solid waste generated from the proposed plant and mode of disposal shall be as below.

Sr	Solid Waste Name/Type	Qty-Unit	Mode of Disposal
1	Inorganic waste	3.4200 - M.T	OTH
2	STP sludge	0.2700 - M.T	OTH
3	Organic waste	5.1000 - M.T	OTH

VI. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDRY MOVEMENT) RULES 2016:

1. The industry shall apply and obtain authorization under Hazardous Wastes (Management & Transboundary Movement) Rules 2016, and comply with the conditions of the authorization. The applicant shall apply for authorization along with the consent for operation (CFO) application under the Rules in Form-I to obtain authorization and comply with conditions.

VII. GENERAL:

1. The applicant shall obtain prior permission from the competent authority for drawing of water from Surface/Ground water source and submit a copy of the same to the Board.
2. The industry shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
3. The industry shall not commission the proposed plant for trial or regular production unless necessary Water & air pollution control equipments are installed as specified in the Consent Order.
4. The industry shall ensure that the treatment plant and control equipments are completed and commissioned simultaneously along with construction of the factory and erection of machineries.
5. The industry shall not change or alter (a) raw materials or manufacturing process, (b) change the products or product mix (c) the quality, quantity or rate of discharge/emissions and (d) install/replace/alter the water or air pollution control equipments without the prior approval of the Board.
6. The industry 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 industry shall immediately take appropriate corrective and preventive actions under intimation to the Board.
7. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
8. This CFE does not give any right to the Party/Project Authority/Industry to forego any other legal requirement, that is necessary for setting/operation of the plant.
9. The industry shall furnish pointwise compliance to the conditions given under this consent for establishment along with the application for Consent to operate.
10. 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.
11. The Project authorities shall apply and obtain prior consent of the Board for any new air pollution sources in future

(This document contains 9 pages including annexure & excluding additional conditions)

Please note that this is only consent for establishment issued to you to proceed with the formalities for establishment of the industry and does not give any right to proceed with trial/regular production. For this purpose, 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 120 days in advance of commissioning for trial production of the plant.

The receipt of this letter may please be acknowledged.

FOR AND ON BEHALF OF
KARNATAKA STATE POLLUTION CONTROL BOARD

Consent Fee paid : Rs. 40000

Note:

The following Conditions Nil mentioned above are not applicable.

COPY TO:

1. The Environmental Officer, KSPCB, Regional Office, Bengaluru Sarjapura for information and to inspect the industry during your next visit to the area.
2. Master copy (Dispatch).
3. Office copy.

Note: All efforts should be made to remove colour and unpleasant odour as far as practicable.

ANNEXURE- II

(This document contains 9 pages including annexure & excluding additional conditions)

Additional Conditions:

(This document contains 9 pages including annexure & excluding additional conditions)

LOCATION OF SAMPLING PORTHOLES, THE PLATFORMS, THE ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 3". Arrangements should be made so that the porthole is closed firmly during the period when it is not used for sampling.
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point off 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.

Signature valid

Digitally signed by
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+05:30

