



Karnataka State Pollution Control Board

HEAD OFFICE : "Parisara Bhavan",
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
Binary Ventures, Sarjapura Hobli, Anekal Taluk

for the Facility located at,
Binary Ventures, Sy. No. 110/1, B. Hosahalli Village, Sarjapura Hobli, Anekal
Taluk
Bangalore Urban

Consent Order No	PCBID	INW ID	Industry Colour/Scale	Date of Issue
CTE-348411	277900	312096	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-348411 **PCB ID:** 277900 **GSC No :** PB0XG0000302096 **Date:** 11/04/2025

To,
The Occupier,
Binary Ventures
Site No. 07, Trinity Complex,
Sarjapura Main Road,
Sompura Village,
Dommasandra post,
Bengaluru

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 01/04/2025 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: Binary Ventures
Address: Sy. No. 110/1, B. Hosahalli Village, Sarjapura Hobli, Anekal Taluk
Industrial Area: Not In I.A, Bengaluru,
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 130flats with club house having a built up area of 22,700.38sqm	130.0000	Flats/Apartments

I. WATER CONSUMPTION:

1. The source of water shall be from **Local Body** and total water consumption shall be as below.

Particulars	Water consumption(KLD)
Domestic Purpose	91.0

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	0.60	1	Bar Screen=0.6 m X 1.0 m X 1.0 m
2	STP1	EQU	P-Equalization Tank	50.00	1	Equalization tank=3.6 m X 4.0 m X 3.5 m
3	STP1	OGT	P-Oil-Grease Trap	0.90	1	Oil & Grease Chamber=0.6 m X 1.0 m X 1.5 m
4	STP1	PRI	Primary	18.00	1	Anoxic tank =1.3 m x 4.0 m x 3.5 m
5	STP1	AER	S-AERATION TANK	2.00	1	SBR=3.0 m X 4.0 m X 3.5 m
6	STP1	SET	S-SETTLING TANK	36.00	1	Decant tank=2.6 m X 4.0 m X 3.5 m
7	STP1	SHT	S-SLUDGE HOLDING TANK	5.00	1	Sludge holding tank =1.0 m X 1.5 m X 3.5 m
8	STP1	CFL	T-CARBON FILTER	0.50	1	Activated Carbon filter=0.8 m X 1.5 m
9	STP1	SFL	T-SAND FILTER	0.50	1	Pressure sand filter=0.8 m X 1.5 m

Discharge of effluents under the Water Act:

Sl. No.	Description	Permitted Quantity of discharge in KLD	Mode/Place of disposal
1	Domestic Purpose	82.000	sewage generated from the project area will be treated in the STP of capacity 100 KLD and treated water is used for secondary purposes such as 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	Organic waste	3.2100 - M.T	OTH
2	Inorganic waste	4.8000 - M.T	OTH
3	STP Sludge	0.1200 - M.T	OTH

VI. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDARY 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

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. 30000

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

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 ports. 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 as follows:

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

2. The diameter of the sampling port should not be less than 3". Arrangements should be made so that the porthole is clearly visible from the road.
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the porthole should be provided at the Porthole location.

Additional Conditions:







Signature valid

Digitally signed by
Date: 2025.04.17 15:24:36
+05:30

**M/s. Binary Ventures, Sy.No. 110/1, B Hosahalli village, Sarjapura Hobli, Anekal Taluk,
Bengaluru Urban District.**

PCB ID: 277900

ANNEXURE – I

1. The Proposed STP of capacity 100 KLD shall consists of the following units:

Sl.no.	ETP Units	Size in M (LxWxD)	No of units
1	Bar screen Chamber	0.6 x 1.0 x 1.0	1
2	Oil & Grease chamber	0.6 x 1.0 x 1.5	1
3	Equalization tank	3.6 x 4.0 x 3.5	1
4	Anoxic tank	1.3 x 4.0 x 3.5	1
5	SBR tank	3.0 x 4.0 x 3.5	1
6	Decant tank	2.6 x 4.0 x 3.5	1
7	Sludge collection tank	1.0 x 1.5 x 3.5	1
8	Treated water tank	3.6 x 4.0 x 3.5	1
9	Pressure sand filter	0.8dia x 1.5ht	1
10	Activated carbon filter	0.8dia x 1.5ht	1
11	Chlorination unit	---	1
12	Centrifuge	---	1

2. The treated sewage is proposed to use for toilet flushing /floor washing/landscaping etc., The treated effluent shall confirm to the standards below:

Sl.no.	Parameters	Standards
1	pH	6.5-9.0
2	BOD ₅ at 27 ^o C, mg/l	Not more than 10
3	COD, mg/l	Not more than 50
4	Total Suspended Solids, mg/l	Not more than 20
5	Ammonical Nitrogen, mg/l	Not more than 5
6	Total Nitrogen, mg/l	Not more than 10
7	Fecal Coliform, MPN/100ml	Less than 100


Zonal Senior Environmental Officer
Bangalore South

P.T.O.


Additional conditions

1. The project authority shall obtain Environment Clearance certificate from the competent authority as the built up area of the proposed site is more than 20,000 sqm.
2. The P/A shall maintain buffer distance for the nala/river/lake as per the planning authority guidelines and as well as Government Notification if any.
3. The P/A has submitted the proposal to utilize treated sewage water for flushing/gardening/floor washing within the premises and excess treated sewage is proposed to use for nearby construction work, hence, the separate conditions may be stipulated to treat sewage generated from the building as per the urban re-use standards and shall utilize the treated sewage for secondary purposes such as gardening/flushing/floor washing etc., within the premises.
4. The P/A shall not discharge of treated/untreated sewage outside the project premises at any point of time.
5. The P/A shall treat the wet organic wastes generated from the building in the premises and treated organic waste shall be used for gardening within the premises.
6. The P/A shall install DG set of sufficient capacity as an alternative power supply to run the STP in case of power failure.
7. A separate conditions may be stipulated in the CFE order stating that, this CFE is valid for only in respect of Pollution control Acts and Rules as per the Board Office circular dated :24.02.2015 and the Board is not responsible for any litigation with land, encroachment of any drain/lake/water body/Kharab land/modification of site plan etc.,
8. The P/A shall obtain necessary permission from competent authority for the extraction of ground water and also from the local body for supply of water before start the construction of building.



**Zonal Senior Environmental Officer
Bangalore South**

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Online Payment Receipt	
XGN_ID	277900
Name of the Organization	Ms Binary Ventures
Correspondence Address	Site No. 07, Trinity Complex, Sarjapura Main Road, Sompura Village, Dommasandra post, Bengaluru
Inward no	302096
Inward Type	CEF
Name of the Regional Office	Bengaluru Sarjapura
Bank Reference Number	BHMPSZI0H71QJB
OrderId	182275
Date Of Payment	01/04/2025 00:00:00
Transaction Amount (In Rs.)	30000.00
Transaction Amount (In Words)	Thirty Thousand Rupees only