

**Consent For Establishment (CFEs)****Consent No. CTE-328236 Valid upto: 19/11/2026**

Industry Colour: RED

Industry Scale: LARGE

Karnataka State Pollution Control Board
Parisara Bhavana.No.49, Church
Street,Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: hio@kspcb.gov.in

(This document contains 5 pages including annexure & excluding additional conditions)

Consent Order No. CTE-328236

PCB ID:

104897 Date. 20/11/2021

To,

The Applicant

Sekhar Builders And Infratech Pvt Ltd

Flat no 403 greater kailash
apartment Beside Total Mall
Murgeshpalaya Bangalore.

Sir,

Sub: Consent to Establish under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981-reg.,

Ref: 1. CFE application submitted by the industry/organization on 28/09/2021 at Regional Office

2. Inspection of the project site by Regional Officer Bangalore on 21/10/2021
Mahadevapura

3.Proceedings of the ECM dated 06/11/2021 ,held on 30/10/2021

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

Location:

Name of the Applicant: Sekhar Builders And Infratech Pvt Ltd
Address: SY NO 80/1, 80/2 AND 80/4, SY NO 80/1 , 80/2 AND 80/4
Industrial Area: Not In I.A, DOMMASANDRA VILLAGE ,
Taluk: BBMP- W- 83, District: Bangalore Urban

Conditions:

1. This consent for establishment is valid up to 19/11/2026 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/Month	Unit
1	Apartment Building with 336 flats having Gross built up area 45524.58sq mts	45524.5800	MT2

I. WATER CONSUMPTION:

1. The source of water shall be from borewell and tankers and total water consumption shall be as below.

Particulars	Water consumption(KLD)
Domestic Purpose	234.0

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II. WATER POLLUTION CONTROL:

1. The discharge from the premises of the applicant shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act or Rules made there under.
2. The applicant 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
3. The applicant 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.
4. The quantity of domestic waste water and trade effluent generated from the proposed industry shall not exceed the permitted quantity as indicated below

Discharge of effluents under the Water Act:

Sl. No.	Description	Permitted Quantity of discharge in KLD	Mode/Place of disposal
1	Domestic Purpose	222.000	Sewage generated will be treated with 260 kld SBR Process

5. The applicant shall treat the trade effluent in proposed ETP which consists of the following;

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	DEC	P-Decanter	126.00	1	
3	STP1	EQU	P-Equalization Tank	150.00	1	7.1mts (length)*7.1mts (width)*3mts (depth)
4	STP1	AER	S-AERATION TANK	170.00	1	7.6mts (Length)*7.6mts (width)*3.5mts (depth)
5	STP1	SHT	S-SLUDGE HOLDING TANK	17.50	1	
6	STP1	CFL	T-CARBON FILTER	12.50	1	
7	STP1	SFL	T-SAND FILTER	12.50	1	

6. The applicant shall ensure that the ETP will treat the effluent to the stipulated standards as indicated in Annexure-I
7. The applicant shall not discharge any effluent outside the industry premises.
8. The applicant shall provide separate flow meter for inflow & outflow of effluents through ETP and separate energy meter and shall maintain a logbook for hourly record of meter reading for the verification of inspecting officers
9. The applicant shall discharge the effluents only to the place mentioned in the Consent order.

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 applicant 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 applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

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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 applicant shall collect, treat and dispose off all solid waste generated from the process other than wastes covered under the Hazardous and other 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	STP-SLUDGE	0.1500 - M.T	OTH
2	Organic waste	1.2000 - M.T	OTH
3	In organic waste	1.8000 - M.T	OTH

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

1. The applicant shall apply and obtain authorization under Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016, and comply with the provisions of the said Rules.

VII. GENERAL:

1. The applicant 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.
2. The applicant 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.
3. The applicant shall ensure that the treatment plant and control equipments are completed and commissioned simultaneously along with construction of the factory and erection of machineries.
4. The applicant 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.
5. 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 industry shall immediately take appropriate corrective and preventive actions under intimation to the Board.
6. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
7. 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.
8. The applicant shall furnish pointwise compliance to the conditions given under this consent for establishment along with the application for Consent to operate.

	Consent For Establishment (CFEs) Consent No. CTE-323236 Valid upto: 19/11/2026	Karnataka State Pollution Control Board Parisara Bhavana, No.49, Church Street, Bengaluru-560001 Tele : 080-25589112/3, 25581383 Fax: 080-25586321 email id: ho@kspcb.gov.in
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9. 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 in advance an amount equal to the cost estimated by Competent Agency or Committee.

10. The applicant shall comply with all the Conditions and guidelines issued from time to time.

11. The applicant must create structure/facility for rain water harvesting and ground water recharge.

12. The applicant shall develop extensive green belt within the periphery of the plant.

13. This consent is issued without prejudice to Court Cases pending in any Hon'ble Court.

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 45 days in advance of commissioning for trial production of the plant.

The receipt of this letter may please be acknowledged.

Consent Fee paid	: Rs. 125000
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Note:

The Conditions Nil mentioned in the schedule are not applicable.

Additional Conditions:

A-2(a), 3(a), 3(b), C, D, F, G(8) these conditions are not applicable.

The project authorities shall strictly comply with the conditions stipulated in Annexure I contains pages.

The CFO is issued as per the recommendations of the Enforcement Committee Meeting held on 30.10.2021 & duly approved by Member Secretary & Hon'ble Chairman

COPY TO:

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

ANNEXURE- II

Chi m.N o.	Chimne y attached to	Capacity/ KVA Rating	Minimum* chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	D.G. Sets	1500KV A		15 PM(mg/NM3), SO2 (PPM), NOx(PPM)	-,-	DIE	AEC, N.A	Before commissioning.



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Note:

AEC, N.A : Acoustic Enclosures

LOCATION OF SAMPLING PORTHOLES, PLATFORMS, 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 at least 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 or 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 100mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period.
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 of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

FOR AND ON BEHALF OF KARNATAKA
POLLUTION CONTROLBOARD

Signature valid

Digitally signed by
Date: 2021.11.20 17:46:29
+05:30



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ

KARNATAKA STATE POLLUTION CONTROL BOARD

Online Payment Receipt

XGN_ID	104897
Name of the Organization	Sekhar Builders And Infratech Pvt Ltd
Correspondence Address	Flat no 403 greater kailash apartment Beside Total Mall Murgeshpalaya Bangalore
Inward no	118047
Inward Type	CEF
Name of the Regional Office	Bangalore Mahadevapura
Bank Reference Number	WICO0300944986
OrderId	110938
Date Of Payment	28/09/2021 00:00:00
Transaction Amount (In Rs.)	125000.00
Transaction Amount (In Words)	One Lakh Twenty Five Thousand Rupees only

#48, 1st Cross

Pooja Layout(Next to NRI Layout),

Near Sundara Anjaneya Temple, Kalkare,

Bangalore – 43.



ISO 9001-2008 CERTIFIED COMPANY

PRILIMINARY PROJECT REPORT

FOR

SEWAGE TREATMENT PLANT

CAPACITY: 220 KLD (2,20,000 ltrs / day)

TECHNOLOGY: SEQUENTIAL BATCH REACTOR

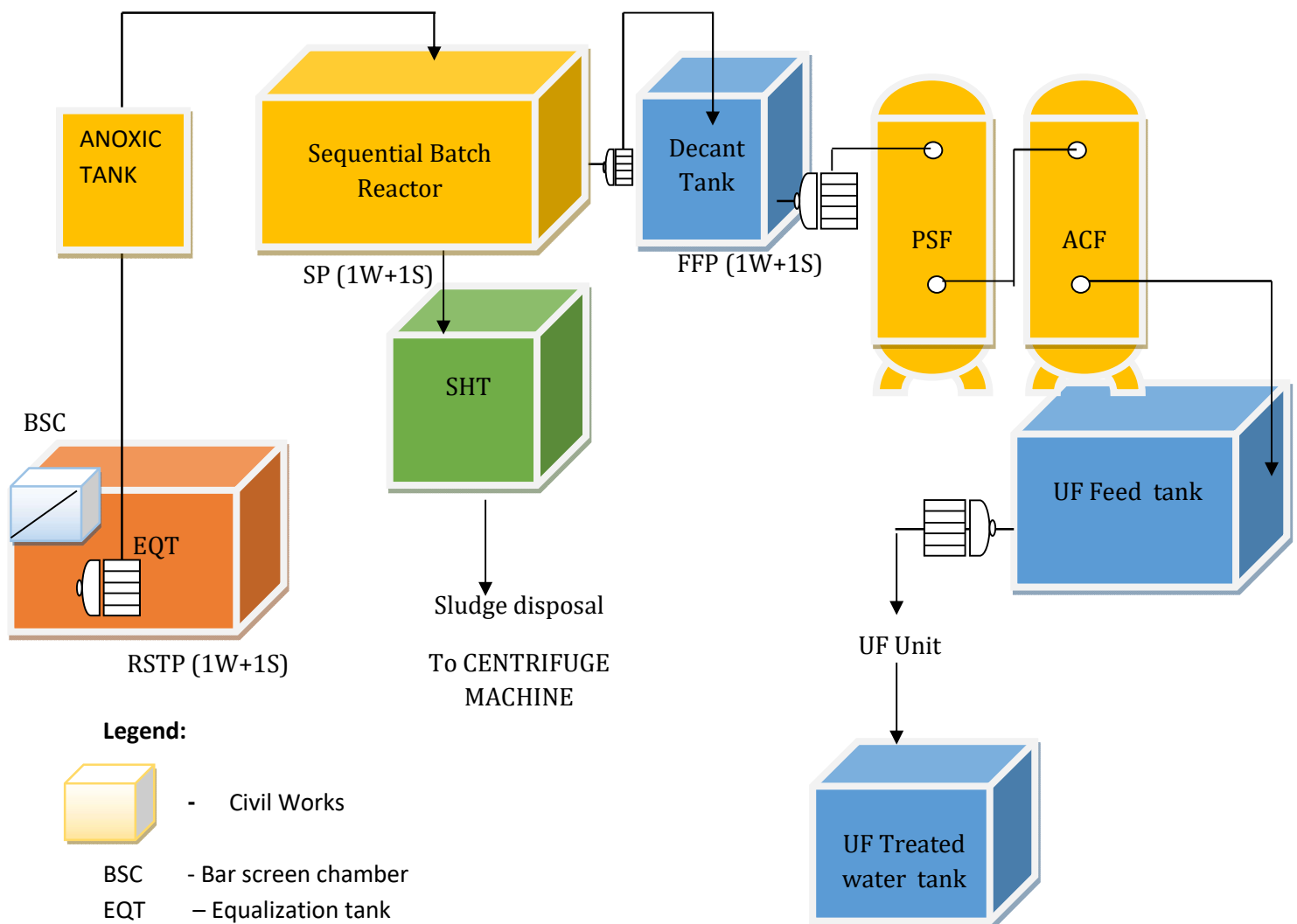
TO SEKHAR BUILDERS AND INFRATECH PRIVATE LIMITED

PROJECT : SEKHAR OAKWOODS

TECHNOFEASIBILITY REPORT FOR SEWAGE TREATMENT PLANT

BASIS OF DESIGN

PROCESS FLOW BLOCK DIAGRAM

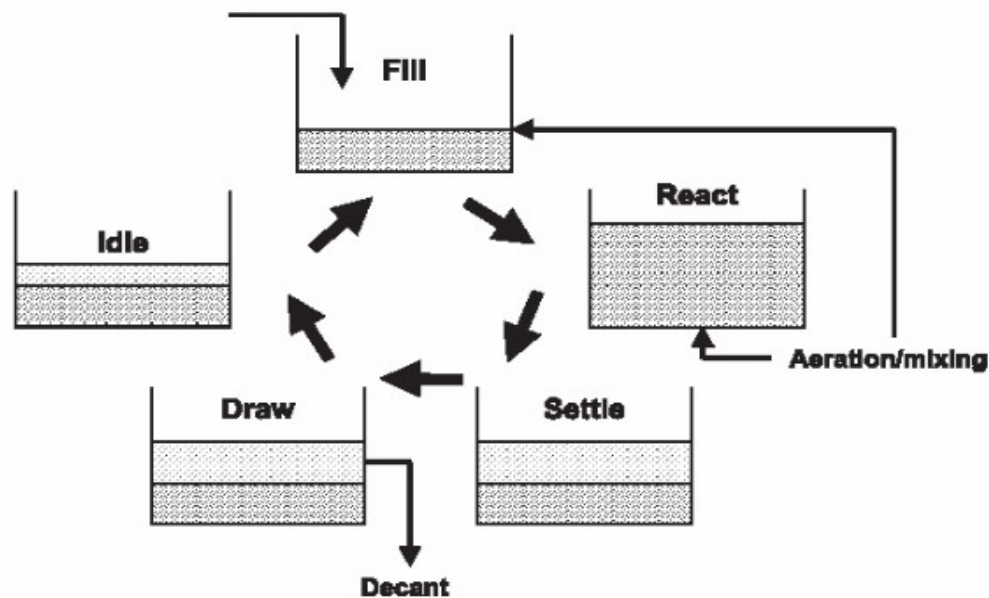


FFP - Filter feed pump

UFFT - UF feed tank

UFTWT - UF Treated water tank

PROCESS DESCRIPTION



Anoxic Fill

The influent wastewater is distributed throughout the settled sludge through the influent distribution manifold to provide good contact between the microorganisms and the substrate [1]. The influent can be either pumped in allowed to flow in by gravity. Most of this period occurs without aeration to create an environment that favors the procreation of microorganisms with good settling characteristics. Aeration begins at the beginning of this period.

Aerated Fill

Mixed liquor is drawn through the manifold, mixed with the influent flow in the motive liquid pump, and discharged, as motive liquid, to the jet aerator. This initiates the feast period. Feast is when the microorganisms have been in contact with the substrate and a large amount of oxygen is provided to facilitate the substrate consumption. Nitrification and de-nitrification occurs at the beginning of this stage. This period ends when the tank is either full or when a maximum time for filling is reached



React

During this period aeration continues until complete biodegradation of BOD and nitrogen is achieved. After the substrate is consumed famine stage starts. During this stage some microorganisms will die because of the lack of food and will help reduce the volume of the settling sludge. The length of the aeration period determines the degree of BOD consumption.

Settle

Aeration is discontinued at this stage and solids separation takes place leaving clear, treated effluent above the sludge blanket. During this clarifying period no liquids should enter or leave the tank to avoid turbulence in the supernatant.

Decant

This period is characterized by the withdrawal of treated effluent from approximately two feet below the surface of the mixed liquor by the floating solids excluding decanter. This removal must be done without disturbing the settled sludge.

Idle

The time in this stage can be used to waste sludge or perform backwashing of the jet aerator. The wasted sludge is pumped to an anaerobic digester to reduce the volume of the sludge to be discarded. The frequency of sludge wasting ranges between once each cycle to once every two to three months depending upon system design.

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SEWAGE TREATMENT PLANT TREATMENT SCHEME

It is proposed to install STP of capacity **2,20,000 litres/day**, Following is the scheme for treating **2,20,000 litres/day**, capacity sewage. The treated water can be utilized for gardening, etc. Various treatment units which have been envisaged in this sewage treatment plant are explained below.

Characteristics considered:

Flow : 220 KL/day

PH : 6 - 8

TSS : 300 mg/l

Oil & Grease : 10 mg/l

BOD : 300 mg/l

COD : 450 mg/l

Characteristics of treated effluent:

As the design includes tertiary treatment units also, the treated sewage characteristics will be well within the standards prescribed by Karnataka State Pollution Control Board specified norms for sewage as follows.

Treated Water characteristics considered as per notification No. PCB/074/STP/2012/4976, Dated :

05.12.2015

pH = 6.5 to 9.0

BOD (3 day @ 27° C) < 10 mg/l

COD < 50 mg/l

TSS < 20 mg/l

Ammonical – Nitrogen < 5 mg/l

Total Nitrogen < 10 mg/l

Fecal Coliform (MPN/ 100 ml)< 100

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Residual chlorine > 1 mg/

Treated SEWAGE Quality subject to:

- Raw Sewage characteristics being as per design, required for treating Domestic Sewage and does not include Industrial Effluent or Inorganic Wastewater or mix thereof.
- System is operated as per guidelines provided in Operation Manual.

USE OF TREATED SEWAGE WATER

- Gardening, Irrigation / Horticulture
- Cooling tower Makeup water (After Softening).
- Flushing.

No. of Hrs. operation: 20

1. Bar Screen Chamber & Oil & Grit chamber
2. Equalization tank
3. Anoxic tank
4. SBR Unit
5. Decant water Tank
6. Sludge Holding tank
7. Pressure sand filter & Activated carbon filter
8. UF feed Water tank
9. Disinfection system - Chlorination
10. Sludge dewatering System - Centrifuge Machine

11. Ultra Filtration unit**12. UF treated water tank****1. Bar Screen Chamber & Oil & Grit Chamber :**

A manually cleaned vertical bar screen with 60° inclination is proposed. The screenings are removed by a hand rake at regular intervals. Adopt 10 mm flat bar size with 25 mm clear spacing. The screen is placed at the end of the channel.

Bar Screen Chamber

MOC	: RCC
Size of the unit	: 1 x 1 x 1 m DPT

Oil & Grit Chamber: The Grit chamber is used to uniform the flow & having the same size as barscreen.

MOC	: RCC
Size of the unit	: 1 x 1 x 1.5 m DPT

2. Equalization tank

The suspended solids like sand, other settleable solids are removed by sedimentation process by making the wastewater quiescent in a tank for few minutes in a tank generally referred as sedimentation tank. The sedimentation tanks also help in dampening the fluctuations in the in-flow before letting into biological treatment system. Hence it acts as equalization tank also.

Design of tank:

MOC	: RCC
Average flow	: 11 m ³ / hr
Detention duration Proposed	: 12 hrs
Volume of tank required	: 132 m ³

Size of the unit	: 6.75 x 5.6 x 3.5 mt dpt
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- 3. Anoxic tank :** It is a denitrification process, an anoxic zone is created by using **an** unaerated tank where the dissolved oxygen levels are kept below 1 mg/l and as close to, without reaching 0 mg/ as possible. A target operating point would be between 0.2 to 0.5 mg/l. Anoxic Mixers are used in de-nitrification tank . This breakdown of nitrate from the waste stream **releases oxygen and nitrogen gas**. The oxygen is consumed by the bacteria and the nitrogen gas releases to the atmosphere.

Design of tank:

MOC	: RCC
Average flow	: 11 m ³ / hr
Detention duration Proposed	: 4 hrs
Volume of tank required	: 44 m ³
Size of the unit	: 2.25 x 5.6 x 3.5 mt dpt

4. Secondary treatment units

The secondary treatment units generally aim at the removal of organics (both carbonaceous and nitrogenous) in the wastewater. The biological treatment methods (both aerobic and anaerobic methods) have been used. However, the aerobic treatment methods are proven more effective for medium strength waste water. Various aerobic treatment methods like Activated sludge process, trickling filters, rotating biological contactors etc are being used worldwide.

A. SBR TANK -1

In aeration BOD load to aeration tank is 270 mg/l (Assume 10% removal of BOD in primary treatment units)

Duty : To aerate the sewage

MOC	: RCC
Average flow	: 11 m ³ / hr

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Detention duration Proposed	: 10 hrs
Volume of tank required	: 110 m ³
Size of the unit	: 5.6 x 5.6 x 3.5 mt dpt

B. SBR TANK -2

In aeration BOD load to aeration tank is 270 mg/l (Assume 10% removal of BOD in primary treatment units)

Duty : To aerate the sewage

MOC	: RCC
Average flow	: 11 m ³ / hr
Detention duration Proposed	: 10 hrs
Volume of tank required	: 110 m ³
Size of the unit	: 5.6 x 5.6 x 3.5 mt dpt

5. Decant tank

Decant water collection tank is used to collect water from SBR tank

MOC	: RCC
Average flow	: 11 m ³ / hr
Detention duration Proposed	: 8 hrs
Volume of tank required	: 88.7 m ³
Size of the unit	: 5.9 x 4.3 x 3.5 mt dpt

6. Sludge Holding tank :

The Sludge from the SBR tank is pumped to Sludge holding tank with the help of Sludge transfer pump which is later pumped to Centrifuge machine for Sludge dewatering.

MOC	: RCC
Average flow	: 11 m ³ / hr
Detention duration Proposed	: 2 hrs
Volume of tank required	: 22.7 m ³
Size of the unit	: 5.9 x 1.1 x 3.5 mt dpt

7. Tertiary treatment units

The wastewater after biological treatment still contains some solids, colour, odour and harmful micro-organisms. The pressure sand filter and activated carbon filter are used to remove the solids and colour. The disinfection process is used to remove the micro-organisms and odour.

A. Pressure sand filter

The treated effluent from the sump is pumped to pressure sand filter. This is a pressure vessel equipped with a perforated under drain plated, filtered with polystyrene strainers filled with filter media comprising of graded gravel / sand. The suspended particulars are arrested and the clean filtered water coming out from pressure sand filter is led to filter for further treatment .

Pressure sand filter with various grades of pebbles and sand media help in the removal of residual suspended solids. The filter will be operating in the pressure range of 3-3.5 kg/cm².

Design flow = 220 m³/day and considering 20 hr/day of operations of PSF

The recommended PSF dimension is 1200 m dia x 1800 HOS. Suitable designed backwashing system is adopted.

b. Activated Carbon Filter

The filter water from the PSF passes through the activated carbon filter, which is again a vertical pressure vessel. Equipped with perforated plate with polystyrene strainers at the bottom and top perforated brass strainers. In between is the filter media comprising of 900-1000 mm activated carbon granules over a bed of graded gravel.

In ACF any odor and to certain extent color in the wastewater is absorbed by the carbon and the filter water is absolutely sparklingly clear.

Considering the same parameters for designing the activated carbon filter, the recommended dimensions for ACF is 1200 m dia x 1800 HOS .

8. UF FEED WATER TANK

A final collection tank is used to collect the treated sewage from the tertiary treatment units and lead to the chlorine contact tank.

Design of tank:

MOC	: RCC
Average flow	: 11 m ³ / hr
Detention duration Proposed	: 12 hrs
Volume of tank required	: 132 m ³
Size of the unit	: 6.75 x 5.6 x 3.5 mt dpt

9. Disinfection- Chlorination

In order to disinfect the treated effluent various disinfection methods like chlorination. The Chlorine can be administered in the form of liquid or solid (bleaching powder) into the treated effluent channel. An automatic electronic metering system can be adopted. The chlorine demand is calculated based on the 'break point chlorination' and to allow residual chlorine of more than 1 mg/l in the treated effluent.

10. Sludge dewatering system : Centrifuge Machine

As the SBR system is adopted which works under the 'endogenous growth phase', theoretically there will not be any excess sludge generation. However, there will be some quantity of inorganics accumulations along with biological flocs. The same will be treated in the Centrifuge Machine, the excess water will be rerouted to Equalization tank and the Sludge will be collected from the Centrifuge machine and used as manure .

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Assumed Type of Sludge : Secondary Biological

Concentration of Solids : 1%

Specific Gravity : 1.2

Minimum Dry Solids allowable in the sludge solid cake : 25-30%

11. Ultra filtration system :

Ultrafiltration (UF) is used to remove essentially all colloidal particles (0.01 to 1.0 microns) from water and some of the largest dissolved contaminants. The pore size in a UF membrane is mainly responsible for determining the type and size of contaminants removed.

12. UF treated water tank :

A final collection tank is used to collect the treated sewage from the tertiary treatment units and lead to the chlorine contact tank.

Design of tank:

MOC	: RCC
Average flow	: 11 m ³ / hr
Detention duration Proposed	: 8 hrs
Volume of tank required	: 88 m ³
Size of the unit	: 4.5 x 5.6 x 3.5 mt dpt

#48, 1st Cross

Pooja Layout(Next to NRI Layout),

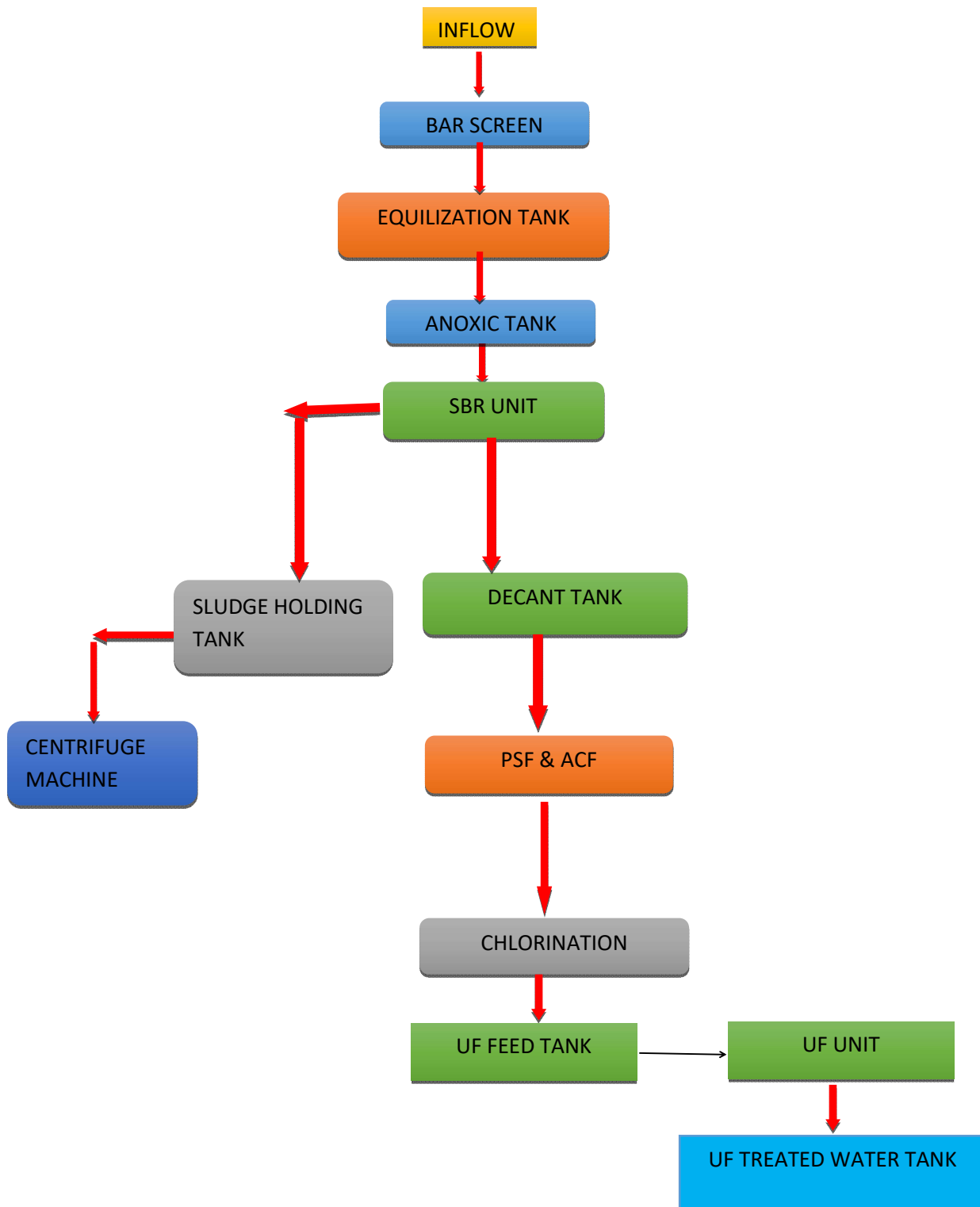
Near Sundara Anjaneya Temple, Kalkare,

Bangalore – 43.



ISO 9001-2008 CERTIFIED COMPANY

FLOW SHEET OF SEWAGE TREATMENT PLANT



#48, 1st Cross

Pooja Layout(Next to NRI Layout),

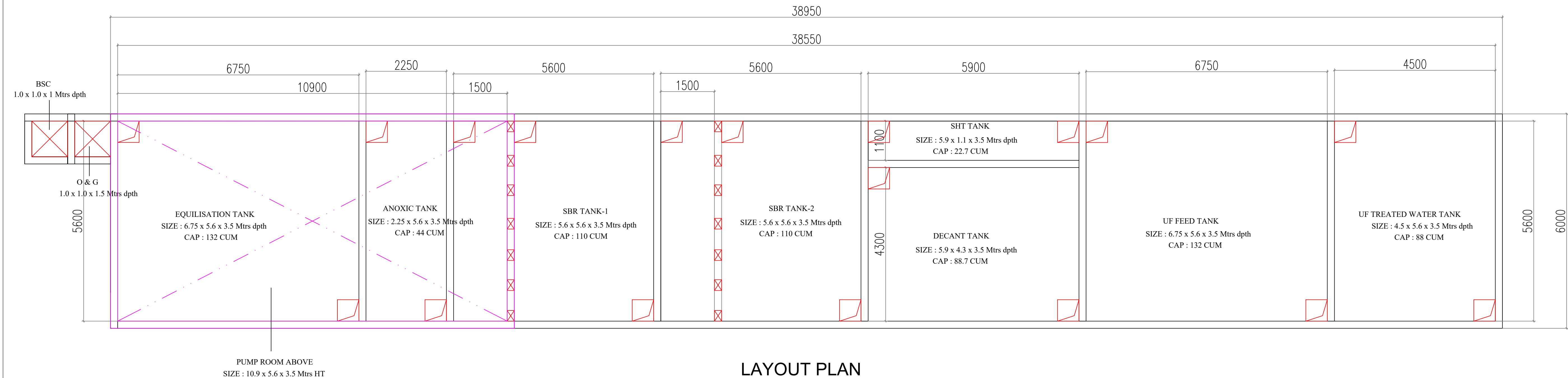
Near Sundara Anjaneya Temple, Kalkare,

Bangalore – 43.



ISO 9001-2008 CERTIFIED COMPANY

SEWAGE TREATMENT PLANT
SEQUENTIAL BATCH REACTOR – SBR
CAPACITY : 220 KLD



LAYOUT PLAN

DRAWING TITLE : SBR, CAPACITY : 220 KLD			
CLIENT : M/A			
PROJ TITLE : M/A			
DRAWING FOR APPROVAL			
TITLE : LAYOUT PLAN			
FILE NAME :	NAME :	DATE :	
SBR 220 KLD	SSK	23.03.2023	
REV. NO. : 00	CHECKED : SSK	23.03.2023	
SCALE : AS PER SECTION	APPROVED : MM	23.03.2023	
TDSG NO : WM-135-SBR-220-00			
			
M/s. WATERMAX 48, 1st Cross, NRI Colony Kalyane, Bangalore - 43 Mob : 9901862231 Email: muthuman@watermax.co.in Email: info@watermax.co.in ISO 9001 Certified Company			
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