TAMILNADU POLLUTION CONTROL BOARD

Sl. No.	Parameters	Unit	TOLERANCE LIMITS - OUTLETS -Nos	
			Sewage	Trade Effluent
			1	1
1.	pH		5.5 to 9	5.5 to 9
2.	Temperature	oC	-	-
3.	Particle size of Suspended solids	-	-	-
4.	Total Suspended Solids	mg/l	30	200
5.	Total Dissolved solids (inorganic)	mg/l	-	2100
6.	Oil & Grease	mg/l	-	10
7.	Biochemical Oxygen Demand (3 days at 27oC)	mg/l	20	100
8.	Chemical Oxygen Demand	mg/l	-	-
9.	Chloride (as Cl)	mg/l	-	600
10.	Sulphates (as SO4)	mg/l	-	1000
11.	Total Residual Chlorine	mg/l	-	-
12.	Ammonical Nitrogen (as N)	mg/l	-	50
13.	Total Kjeldahl Nitrogen (as N)	mg/l	-	-
14.	Free Ammonia (as NH3)	mg/l	-	-
15.	Arsenic (as As)	mg/l	-	0.2
16.	Mercury (as Hg)	mg/l	-	0.01
17.	Lead (as Pb)	mg/l	-	1
18.	Cadmium(as Cd)	mg/l	-	1
19.	Hexavalent Chromium (as Cr+6)	mg/l	-	1
20.	Total Chromium (as Cr)	mg/l	-	2
21.	Copper (as Cu)	mg/l	-	3
22.	Zinc (as Zn)	mg/l	-	1.5
23.	Selenium (as Se)	mg/l	-	0.05
24.	Nickel (as Ni)	mg/l	-	3
25.	Boron (as B)	mg/l	-	2
26.	Percent Sodium	%	-	60
27.	Residual Sodium Carbonate	mg/l	-	5
28.	Cyanide (as CN)	mg/l	-	0.2
29.	Fluoride (as F)	mg/l	-	2
30.	Dissolved Phosphates(as P)	mg/l	-	-
31.	Sulphide (as S)	mg/l	-	2
32.	Pesticides	mg/l	-	
33.	Phenolic Compounds (as C6H5OH)	mg/l	-	5
34.	Radioactive materials a) Alpha emitters	micro curie/ml	-	10-8
35.	Radioactive materials b). Beta emitters	micro curie/ml	-	10-6
36.	Fecal Coliform	MPN/100ml	-	-

4. All units of the sewage and Trade effluent treatment plants shall be operated efficiently and continuously so as to achieve the standards prescribed in Sl No.3 above or to achieve the zero liquid discharge of effluent as applicable.

TAMILNADU POLLUTION CONTROL BOARD

CONSENT ORDER NO. 1905126507267 DATED: 28/06/2019.

PROCEEDINGS NO.F.0962SVG/OS/DEE/TNPCB/SVG/W/2019 DATED: 28/06/2019

SUB: Tamil Nadu Pollution Control Board –CONSENT TO OPERATE – DIRECT -M/s. GOVERNMENT PRIMARY HEALTH CENTRE MUNAIVENTRI , S.F.No. 320/1 PART & 320/5 PART, MUNAIVENRI villagellayankudi Taluk and Sivagangai District - Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued- Reg.

Ref: 1. Units application no. 26507267 dated 18.06.2019
2. IR.No : F.0962SVG/OS/AE/SVG/2019 dated 27/06/2019
3. Decision of DLCC meeting held on 27.06.2019 vide item No.129-2

CONSENT TO OPERATE is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as "The Act") and the rules and orders made there under to

MEDICAL OFFICER,
M/s . GOVERNMENT PRIMARY HEALTH CENTRE MUNAIVENTRI
S.F No.320/1 PART & 320/5 PART,
MUNAIVENRI Village,
Ilayankudi Taluk,
Sivagangai District.

Authorising the occupier to make discharge of sewage and /or trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This CONSENT is valid for the period ending March 31, 2029

S. Rajendra Babu
Digitally signed by S. Rajendra Babu
Date: 2019.07.01 15:12:20 +05'30'

District Environmental Engineer,
Tamil Nadu Pollution Control Board,
SIVAGANGAI

To

MEDICAL OFFICER,
M/s.GOVERNMENT PRIMARY HEALTH CENTRE MUNAIVENTRI,
MUNAIVENTRAI VILLAGE, ILAYANKUDI TALUK, SIVAGANGAI DISTRCT,
Pin: 630702

Copy to:

1.The Commissioner, ILAYANKUDI-Panchayat Union, Ilayankudi Taluk, Sivagangai District .
2. Copy submitted to the Member Secretary, Tamil Nadu Pollution Control Board, Chennai for favour of kind information.
3. Copy submitted to the JCEE-Monitoring, Tamil Nadu Pollution Control Board, Madurai for favour of kind information.
4. File

TAMILNADU POLLUTION CONTROL BOARD

GENERAL CONDITIONS

1. The occupier shall make an application along with the prescribed consent fee for grant of renewal of consent at least 60 days before the date of expiry of this Consent Order along with all the required particulars ensuring that there is no change in Production quantity and change in sewage/Trade effluent.
2. This Consent is issued by the Board in consideration of the particulars given in the application. Any change or alteration or deviation made in actual practice from the particulars furnished in the application will also be ground for review/variation/revocation of the Consent Order under Section 27 of the Act and to make such variation as deemed fit for the purpose of the Act.
3. The consent conditions imposed in this order shall continue in force until revoked under Section 27(2) of the Act.
4. After the issue of this order, all the 'Consent to Operate' orders issued previously under Water (Prevention and Control of Pollution) Act, 1974 as amended stands defunct.
5. The occupier shall maintain an Inspection Register in the factory so that the inspecting officer shall record the details of the observations and instructions issued to the unit at the time of inspection for adherence.
6. The occupier shall provide and maintain an alternate power supply along with separate energy meter for the Effluent Treatment Plant sufficient to ensure continuous operation of all pollution control equipments to maintain compliance.
7. The occupier shall provide all facilities to the Board officials for inspection and collection of samples in and around the factory at any time.
8. The occupier shall display the flow diagram of the sources of effluent generation and pollution control systems provided at the ETP site.
9. The solid waste such as sweepings, wastage, package, empty containers, residues, sludge including that from air pollution control equipments collected within the premises of the industrial plant shall be collected in an earmarked area and shall be disposed off properly.
10. The occupier shall collect, treat the solid wastes like food waste, green waste generated from the canteen and convert into organic compost.
11. The occupier shall segregate the Hazardous waste from other solid wastes and comply in accordance with Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008.
12. The occupier shall maintain good house-keeping within the factory premises.
13. All pipes, valves, sewers and drains shall be leak proof. Floor washings shall be admitted into the trade effluent collection system only and shall not be allowed to find their way in storm drains or open areas.
14. The occupier shall ensure that there shall not be any diversion or by-pass of trade effluent on land or into any water sources.
15. The occupier shall ensure that solar Evaporation pans shall be constructed in such a way that the bottom of the solar pan is at least 1 m above the Ground level (if applicable).
16. The occupier shall furnish the following returns in the prescribed formats to the concerned District office regularly.
    a) Monthly water consumption returns of each of the purposes with water meter readings in Form-I on or before 5th of every month.
    b) Yearly return on Hazardous wastes generated and accumulated for the period from 1st April to 31st March in Form–4 before the end of the subsequent 30th June of every year (if applicable).
    c) Yearly Environmental Statement for the period from 1st April to 31st March in Form –V before the end of the subsequent 30th September of every year(if applicable).
17. If applicable, the occupier has to comply with the provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any hazard to human beings, other living creatures/plants and properties while handling and storage of hazardous substances.
18. The issuance of this consent does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any natural watercourse or in Government Poromboke lands.
19. The issuance of this Consent does not convey any property right in either real personal property or any exclusive privileges, nor does it authorize any injury to private property or Government property or any invasion of personal rights nor any infringement of Central, State laws or regulation.

5. The occupier shall maintain the Electro Magnetic Flow Meters/water Meters installed at the inlet of the water supply connection for each of the purposes mentioned below for assessing the quantity of water used and ensuring that such meters are easily accessible for inspection and maintenance and for other purposes of the Act.
   a. Industrial Cooling, Spraying in mine pits or boiler feed.
   b. Domestic purpose.
   c. Process.
6. The occupier shall maintain the Electro Magnetic Flow Meters with computer recording arrangement for measuring the quantity of effluent generated and treated for the monitoring purposes of the Act.
7. Log book for each of the unit operations of ETP have to be maintained to reflect the working condition of ETP along with the readings of the Electro Magnetic Flow Meters installed to assess effluent quantity and the same shall be furnished for verification of the Board officials during inspection.
8. The occupier shall at his own cost get the samples of effluent/surface water/ground water collected in and around the unit by Board officials and analyzed by the TNPC Board Laboratory periodically.
9. Any upset condition in any of the plants of the factory which is, likely to result in increased effluent discharge and result in violation of the standards mentioned in Sl. No.3 above shall be reported to the Member Secretary / Joint Chief Environmental Engineer-Monitoring and the concerned District/Assistant Environmental Engineer of the Board by e-mail immediately and subsequently by Post with full details of such upset condition.
10. The occupier shall always comply and carryout the order/directions issued by the Board in this Consent Order and from time to time without any negligence. The occupier shall be liable for action as per provisions of the Act in case of non compliance of any order/directions issued.
11. The occupier shall develop adequate width of green belt at the rate of 400 numbers of trees per Hectare.
12. The occupier shall provide and maintain rain water harvesting facilities.
13. The occupier shall ensure that there shall not be any discharge of effluent either treated or untreated into storm water drain at any point of time.
14. In the case of zero liquid discharge of effluent units, the occupier shall adhere the following conditions as laid under.
    i). The occupier shall ensure zero liquid discharge of effluent, thereby no discharge of untreated / treated effluent on land or into any water bodies either inside or outside the premises at any point of time.
    ii) The occupier shall operate and maintain the Zero liquid discharge treatment components comprising of Primary, Secondary and tertiary treatment systems at all times and ensure that the RO permeate/Evaporator condensate shall be recycled in the process and the final RO reject shall be disposed off with the reject management system ensuring zero liquid discharge of effluents in the premises.
    iii) The occupier shall operate and maintain the reject management system effectively and recover the salt from the system which shall be reused in the process if reusable or shall be disposed off as ETP sludge.
    iv) In case of failure to achieve zero discharge of effluents for any reason, the occupier shall stop its production and operations forthwith and shall be reported to the Member Secretary/Joint Chief Environmental Engineer-Monitoring and the concerned District/Assistant Environmental Engineer of the Board by e-mail immediately and subsequently by Post with full details of such upset condition.
    v) The occupier shall restart the production only after ascertaining that the Zero discharge treatment system can perform effectively for achieving zero discharge of effluents.

Additional Conditions:

TAMILNADU POLLUTION CONTROL BOARD

1. The Hospital shall comply with all the provisions of the Bio-Medical Waste Management Rules,2016.
2. The liquid waste generated, due to the operation of the Hospital, shall be disinfected, before further treatment and disposal.
3. The Hospital Authorities shall co-operate with the common biomedical waste operators for the effective and safe disposal of the bio-medical waste.
4. The Hospital shall phase out chlorinated plastic bags, gloves, blood bags, as stipulated in the Bio-Medical Waste Management Rules,2016.
5. The Hospital shall establish a Bar- Code System for bags or containers containing bio-medical waste to be sent out of the premises or place for any purpose within three months, as stipulated in the Bio-Medical Waste Management Rules,2016.
6. The unit shall ensure that operate the unit with valid Authorisation under Bio- Medical Waste Management Rules, 2016.
7.The unit shall not use 'use and throwaway plastics' such as plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of eco friendly alternative such as banana leaf, arecanut palm plate, stainless steel, glass, porcelain plates/cups, cloth bag, jute bag etc.,
8. This consent order is issued based on the information furnished by the Health Care Facility in their application. In the event, that any of the information in the application is found to be incorrect, the consent order issued shall be withdrawn. For any variation in the above, the Hospital has to file application seeking fresh consent of the Board.

S. Rajendra Babu

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Date: 2019.07.01 15:13:06 +05'30'

District Environmental Engineer,
Tamil Nadu Pollution Control Board,
SIVAGANGAI

TAMILNADU POLLUTION CONTROL BOARD

SPECIAL CONDITIONS

1. This consent to operate is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
	Product Details		
1.	NO.OF BEDS	4	NOS
2.	NO.OF INPATIENTS	1	NOS/DAY
3.	NO.OF OUTPATIENTS	95	NOS/DAY

2. This consent to operate is valid for operating the facility with the below mentioned permitted outlets for the discharge of sewage/trade effluent. Any change in the outlets and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
Effluent Type : Sewage			
Effluent Type : Trade Effluent			

3. The effluent discharge shall not contain constituents in excess of the tolerance Limits as laid down hereunder.