

Date: 10.02.2022

Ref.: S&E/E.8A/22

The District Environmental Engineer
Tamilnadu Pollution Control Board
C -7 & C -9, Sipcot Industrial Complex
Millavittan.
Tuticorin – 628 008.

Respected Sir,

Sub: Annual report (Form- IV) for M/s Appasamy Memorial GFL Medical Centre

Ref: 1. Consent order No: **2108136328406** dated **07/03/2021** under Water Act and
Consent order No: **2108236328406** dated **07/03/2021** under Air Act.2. Authorization no: **21BAD36329756** Dated **13/08/2021**.

We are pleased to submit the Annual return in Form-IV pertaining to Appasamy Memorial GFL Medical Centre at Tuticorin for the period January 2021 to December 2021.

Thanking you.

For “Appasamy Memorial GFL Medical Centre”



CHIEF MEDICAL OFFICER

Dr.A.X.PEZHILAN
M.B.B.S.REGISTERED
TUTICORIN**Greenstar Fertilizers Limited**

CIN : U24100TN2010PLC077127

REGD OFFICE : "SPIC HOUSE", No. 88, Mount Road, Guindy, Chennai - 600 032, Tamilnadu, India.

FACTORY : Muthiahpuram Post, Tuticorin - 628 005, Tamilnadu, India

Form - IV (See rule 13)

ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

Sl. No.	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or operator of facility)	:	Dr.Ezhilan Chief Medical officer
	(ii) Name of HCF	:	M/s Appasamy Memorial GFL Medical Centre, Tuticorin-5.
	(iii) Address for Correspondence	:	M/s Appasamy Memorial GFL Medical Centre, Tuticorin-5.
	(iv) Address of Facility	:	--do--
	(v) Tel. No, Fax. No	:	(0461) 2355490 , 9489050744
	(vi) E-mail ID	:	ezhilan@greenstar.net.in
	(vii) URL of Website	:	Nil
	(viii) GPS coordinates of HCF or CBMWTF	:	Nil
	(ix) Ownership of HCF or CBMWTF	:	Private
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: 21BAD36329756 valid up to 31.03.2031
	xi). Status of Consents under Water Act and Air Act	:	Consent order No: 2108136328406 (Water act) & 2108236328406 (Air Act) Valid up to 31/03/2031
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	Yes; No. of Beds: 25
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	NA
	(iii) License number and its date of expiry	:	--
3.	Details of CBMWTF	:	
	(i) Number healthcare facilities covered by CBMWTF	:	NA
	(ii) No of beds covered by CBMWTF	:	NA

	(iii) Installed treatment and disposal capacity of CBMWTF:	:	NA																																																			
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	NA																																																			
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category : 117.5Kgs/annum																																																			
			Red Category : 145 Kgs/annum																																																			
			White Category: 6.9Kgs/annum																																																			
			Blue Category : 61 Kgs/annum																																																			
			General Solid waste: 50Kgs/ annum																																																			
5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																																					
	i) Details of the on-site storage facility	:	Size : Nil																																																			
			Capacity : Nil																																																			
			Provision of on-site storage : (cold storage or any other provision)																																																			
	(ii) Details of the treatment or disposal facilities	:	<table border="1"> <thead> <tr> <th>Type of treatment equipment</th> <th>No of units</th> <th>Capacity Kg/ day</th> <th>Quantity Treated or disposed in kg per Annum</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td>0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Plasma Pyrolysis</td> <td>0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Autoclaves</td> <td>5</td> <td>Small Capacity-3 Medium Capacity-1 Large Capacity-1</td> <td>--</td> </tr> <tr> <td>Microwave</td> <td>1</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hydroclave</td> <td>0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Shredder</td> <td>0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td>1</td> <td>--</td> <td>--</td> </tr> <tr> <td>Sharps</td> <td>0</td> <td>-</td> <td>--</td> </tr> <tr> <td>Encapsulation or concrete pit</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deep burial pits:</td> <td>0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Chemical disinfection:</td> <td>0</td> <td>-</td> <td>--</td> </tr> </tbody> </table>				Type of treatment equipment	No of units	Capacity Kg/ day	Quantity Treated or disposed in kg per Annum	Incinerators	0	--	--	Plasma Pyrolysis	0	--	--	Autoclaves	5	Small Capacity-3 Medium Capacity-1 Large Capacity-1	--	Microwave	1	--	--	Hydroclave	0	--	--	Shredder	0	--	--	Needle tip cutter or destroyer	1	--	--	Sharps	0	-	--	Encapsulation or concrete pit				Deep burial pits:	0	--	--	Chemical disinfection:	0	-	--
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		Any other treatment equipment:	Hot Air Oven - 1	
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	Red Category (like plastic, glass etc.) 145 Kgs/annum		
	(iv) No of vehicles used for collection and transportation of biomedical waste	Bio medical waste collected by authorized recyclers (M/s Aseptic systems bio-medical waste management company)		
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		Quantity Generated	Where Disposed
		Incineration Ash ETP Sludge	} Nil	
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	Aseptic systems bio-medical waste management company		
	(vii) List of member HCF not handed over bio-medical waste.	Nil		
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	Yes. The report is attached as Annexure -1		
7	Details trainings conducted on BMW			
	(i) Number of trainings conducted on BMW Management.	1		
	(ii) number of personnel trained	15		
	(iii) number of personnel trained at the time of induction	Nil		
	(iv) number of personnel not undergone any training so far	Nil		
	(v) whether standard manual for training is available?	Procedure for Biomedical waste management is displayed in appropriate locations of HCF		
	(vi) any other information)	-----		
8	Details of the accident occurred during the year	No		
	(i) Number of Accidents occurred	Nil		
	(ii) Number of the persons affected	Nil		
	(iii) Remedial Action taken (Please attach details if any)	Nil		

	(iv) Any Fatality occurred, details.		Nil
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?		NA
	Details of Continuous online emission monitoring systems installed		NA
10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		1.5 KLD of Sewage is treated in Common Sewage treatment plant at township. Nil
11	Is the disinfection method or Sterilization meeting the log 4 standards? How many times you have not met the standards in the year?		Nil
12	Any other relevant information		(Air Pollution Control Devices attached with the Incinerator) NA

Certified that the above report is for the period from **January 2021- December 2021**

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Name and Signature of the Head of the Institution

Date: 09.02.2022

Place: SPIC Nagar

Dr.A.X.P.EZHILAN M.B.B.S.
 F.I.C.M.S.
 CHIEF MEDICAL OFFICER
 GREENSTAR FERTILIZERS LIMITED
 SPIC NAGAR

BIOMEDICAL WASTE MANAGEMENT COMMITTEE

Minutes of the Meeting Held on 21.03.2021

Venue: Medical Centre

Members Present:

SNO	EMP.NO	NAME (M/s)	DESIGNATION	ENTITY
1	4605	A.X.P.EZHILAN	CHIEF MEDICAL OFFICER	SPIC
2	C51061	CHRISTIE J	MEDICAL OFFICER	GREENSTAR
3	3113	KAMALINE JABEZ	SENIOR NURSE	SPIC
4	3214	JERINA	SENIOR NURSE	SPIC
5	3830	JAYAPRAKASH CH	SENIOR LAB TECH	SPIC
6	4926	SUBATHIRA S	SENIOR OFFICER	SPIC
7	C392	CHITHRAVEL M	X-RAY TECH	MVL
8	C168	CHANDRALEKA	STAFF NURSE	MVL
9	C269	HELEN M	STAFF NURSE	MVL
10	C266	STELLA JEBAKANI S	STAFF NURSE	MVL
11	C229	GANAPATHY SATHIYA	PHARMACIST	MVL
12	C224	GOVINDARAJ R	FIRST AID ASST.	MVL
13	C223	MARIAPPAN M	FIRST AID ASST.	MVL
14	C378	MURUGAN G	FIRST AID ASST.	MVL
15	C641	ABINAYA S	FIRST AID ASST.	MVL

Points Discussed:

1. Waste generation and disposal strategy:

Month	Categories	Waste generated (Kg)	Waste Disposed(Kg)	Remarks
JANUARY 2021 TO DECEMBER 2021	Blue	61	61	Sent to CBMWTF(Aseptic systems bio- medical waste management company)
	White	6.9	6.9	
	Yellow	117.5	117.5	
	Red	145	145	

2. Agreement with CBMWTF:

Agreement made with	Date of agreement	Validity	Remarks
Aseptic systems bio-medical waste management company, Tirunelveli.	February 3 rd , 2022	3 years	Collection of waste Monthly once

Following are the points discussed in the meeting and the same is being strictly followed and implemented.

S.No	Description
1.	All hospital staffs are to scrub and wash their hands before and after procedure.
2.	Medical staffs are advised to use correct size gloves during procedure and to use mask & goggles when needed.
3.	All Specimens to be dis-infected and then put into specified bags.
4.	Accidentally spilled body fluids (Ex. Blood) should be kept in contact with sodium hypo chloride solution for 20 ml and then cleaned.
5.	Housekeeping staffs should use proper foot wear while working.
6.	Training on Bio Medical Waste Management was given for 15 members on March 2021 in Medical Centre.
7.	Social distancing to be maintained inside the hospital.
8.	Temperature screening to be done for all persons entering the Medical Centre.
9.	Every should sanitizer their hands properly while entering and leaving the Hospital.

10.	People(adults) were advised to get vaccinated against covid-19
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