

04<sup>th</sup> April, 2022

To

The District Environmental Engineer,  
Tamil Nadu Pollution Control Board  
Karur

Dear Sir,

Sub: Annual report for Bio medical waste -Reg

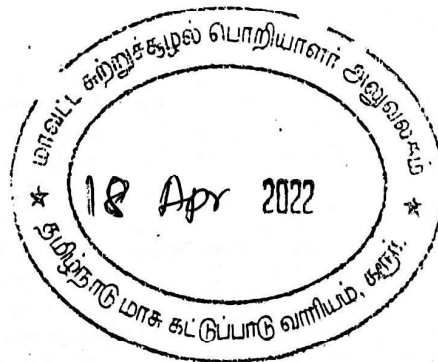
We here with furnish the Annual report for Bio medical waste for the year 2021 in Form IV as per BMW Rules-2016.

With warm regards,

for APOLLO LOGA HOSPITAL – KARUR,



Dr. ROHINI SRIDHAR  
Sr. Vice President - Medical Services



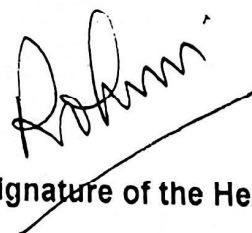
**From –IV  
(See rule 13)  
Annual Report**

[To be submitted to the prescribed authority on or before 30<sup>th</sup> 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 authorized person (occupier or operator of facility)	:	Dr. Rohini Sridhar, Sr. Vice President – Medical Services																																																				
	(ii) Name of HCF or CBMWTF	:	Apollo Loga Hospital, Karur																																																				
	(iii) Address for Correspondence	:	163, A-E Allwyn Nagar, Kovai Road, Karur - 639002																																																				
	(i) Address of Facility	:	163, A-E Allwyn Nagar, Kovai Road, Karur - 639002																																																				
	(ii) Tel. No. Fax. No.	:	9842981211																																																				
	(V) E-mail ID	:	palanivel_p@apollohospitals.com																																																				
	(i) URL of Website	:	www.apollohospitals.com																																																				
	(ii) GPS coordinates of HCF of CBMWTF	:	----																																																				
	(iii) Ownership of HCF of CBMWTF	:	M/s. Ramky Energy and Environment Ltd																																																				
	(iv) Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules.	:	AuthorizationNo.21BAZ37890150 Dated 02/08/2021 Valid up to 31/03/2023																																																				
	(v) Status of Consents under Water Act and Air Act.	:	Air & Water consent Order No. 2108237342474 & 2108137342474 Valid up to: 31/03/2023																																																				
2.	Type of Health Care Facility	:	Hospital																																																				
	(i) Bedded Hospital	:	No. of Beds: 60																																																				
	(ii) Non-Bedded Hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	----																																																				
	(iii) License number and its date of expiry.	:	AuthorizationNo.21BAZ37890150 Dated 02/08/2021 Valid up to 31/03/2023																																																				
3.	Details of CBMWTF	:	----																																																				
	(i) Number healthcare facilities covered by CBMWTF	:	----																																																				
	(ii) No. of beds covered by CBMWTF	:	----																																																				
	(iii) Installed treatment and disposal capacity of CBMWTF	:	----																																																				
	(iv) Quantity of biomedical waste treated or disposal by CBMWTF	:	----																																																				
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow category: 1945.07 KG Red Category: 1708.08 KG White: 277 KG (Puncture proof container) Blue Category: 110.5 KG General Solid Waste: ----																																																				
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility																																																						
	(i) Details of the on-site storage facility	:	Size : 3520 MM x 1660 MM Capacity: 64 sqft x 3 Rooms																																																				
	(ii) 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></td> <td></td> <td></td> </tr> <tr> <td>Plasma Paralysis</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Autoclaves</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Microwave</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hydroclave</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Shredder</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td></td> <td>---</td> <td></td> </tr> <tr> <td>Sharps</td> <td></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></td> <td></td> <td></td> </tr> <tr> <td>Chemical disinfection:</td> <td></td> <td>----</td> <td></td> </tr> <tr> <td>Any other treatment equipment:</td> <td></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				Plasma Paralysis				Autoclaves				Microwave				Hydroclave				Shredder				Needle tip cutter or destroyer		---		Sharps				encapsulation or concrete pit		----		Deep Burial pits:				Chemical disinfection:		----		Any other treatment equipment:			
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	to authorized recyclers after treatment in kg per annum.		
	(iv) No of vehicles used for collection and transportation of biomedical waste.	----	
	(v) Details of incineration ash and ETP sludge generated and disposal during the treatment of wastes in Kg per annum)	----	
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of		M/s. Ramky Energy and Environment Ltd.
	(vii) List of member HCF not handed over bio-medical waste.	----	
6.	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period.	Yes Attached	
7.	Detail trainings conducted on BMW		
	(i) Number of training conducted on BMW Management.	06	
	(ii) Number of personnel trained	45	
	(iii) Number of personnel trained at the time of induction	45	
	(iv) Number of personnel not undergone any training so far.	----	
	(v) Whether standard manual for training is available ?	Available	
	(vi) Any other information)	----	
8.	Details of the accident occurred during the year	Nil	
	(i) Number of Accidents occurred	----	
	(ii) Number of the persons affected	----	
	(iii) Remedial Action taken (Please attach details if any)	----	
	(iv) Any Fatality occurred, details.	----	
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	----	
	Details of Continuous online emission monitoring systems installed	----	
10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year.	We have 75 KLD STP	
11.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	----	
12.	Any other relevant information	----	

Certified that the above report is for the period from January/2021 to December/2021



Name and Signature of the Head of the Institution

Date: 04/04/2022

Place: Karur


**APOLLO SPECIALITY HOSPITALS, KARUR**  
**BIOMEDICAL WASTE – 2021**


**YEARLY REPORT**

MONTH	RED	YELLOW	WHITE(SHARP	BLUE	TOTAL
JUNUARY	113	115	29.6	10.7	268.3
FEBRUARY	122	102	28	8.4	260.4
MARCH	124	94	31	9.3	258.3
APRIL	120	92	30	9	251
MAY	128	115	31	9.3	283.3
JUNE	148	154	30	9	341
JULY	137.7	132.1	16.5	9	295.3
AUGUST	162.9	265.2	14.9	9	452
SPEPTEMBER	163.3	228	19.5	9.2	420
OCTOMBER	163.3	224.4	15.5	9.3	412.5
NOVMBER	163.3	204.8	15	9	392.1
DECEMBER	163.3	219.2	16	9.3	407.8
TOTAL	1708.8	1945.7	277	110.5	4042
PER MONTH AVARAGE	142.4	162.14	23.08	9.20	336.83
PER DAY AVARAGE	4.74	5.40	0.76	0.30	11.22

  
A. Sethupathy  
House keeping

  
S. Deepan  
Sakaravarthi  
Junior  
Engineer -  
Eng

  
P. PALANIVEL  
General Manager -  
Engineering

  
Dr. ROHINI  
SRIDHAR  
Sr. Vice President  
- Medical Services

# APOLLO HOSPITALS, KARUR

## Bio Medical Waste Management Committee Meeting

Date: 23.12.2021

Venue: Conference Hall




Members of the Committee	Signature
1.Dr.Sridhar (Head Hospital Administration, Medical services)	
2.Mr.Palani Senthil murugan (Operations)	
3.Dr.Vignesh (Quality System)	
4.Mr.Loganathan ( Engg)	
5Mr.Sethupathi( Housekeeping)	
4.Mrs.Sugasini(Infection control Nurse)	

### Points discussed:

S.No	Points Discussed	Reason for Discussion	Designated Department (HOD)	Expected date of Completion
1	Bar-code system should be introduced for bags or containers containing BMW to be sent out of the premises within one year from the date of the notification – HIC team	According to BMW current guidelines March-2016	Head Hospital / Quality / ITD / HK-HOD	It was implemented due to Corona, Stickers may be Required it was conveyed to the Vendor after normalization it will be provided
2	Narcotic empty ampoules will be discard once in three months in the presents of Narcotic Disposal committee.	Narcotic Committee	Narcotic committee/ Quality / /Infection control Team /HK-HOD	Done

  
Prepared by



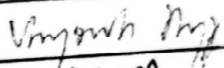
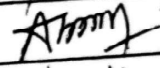


  
Approved by

# APOLLO HOSPITALS, KARUR

## Bio Medical Waste Management Committee Meeting


Date: 23.06.2021

Venue: Conference Hall

Members of the Committee	Signature
1. Dr. Sridhar (Head Hospital Administration, Medical services)	
2. Mr. Palani Senthil Murugan (Operations)	
3. Dr. Vignesh (Quality System)	
4. Mr. Sethupathi (Housekeeping)	
5. Mr. Loganathan (Engg)	
6. Mrs. Sugasini (Infection control Nurse)	

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2	Covid ward to segregation area transfer	Avoid 10mm on pathway	Quality / Infection control Team / HK-HOD	June-2020
4	BMW Segregation area Internal to be Display by Board.	New staffs Joining	Quality / Infection control Team / HK-HOD	June-2020

  
Prepared by

  
Approved by