



To,

Date: 04.01.2022

The Environmental officer
Karnataka state Pollution control board
Nisarga Bhavan 7th D main Road
Opp Pusphpanjli Theatre Shivanahalli
Timmeriah Mai road
Bangalore City -1

Sub: Submission of BMW management annual report from Jan 2021 to Dec 2021

Dear Sir

Please find enclosed the annual report of the year Jan 2021-Dec 2021 Of Bio medical waste management & Disposal by Dr.Malathi Manipal Hospital 9th block Jayanagar Bangalore, Duly filled in FORM IV.

Kindly acknowledge the same

Thanking You

Mohan Hariharan
Unit-Head
Dr.Malathi Manipal Hospital
Jayanagar 9th block
Bangalore -69



Dr. Malathi Manipal Hospital

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Toll free Appointment Helpline: 1800 3001 4000

Registered office

Manipal Health Enterprises Pvt Ltd

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CIN: U85110KA2010PTC052540




Form – IV
(See rule13)
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.Malathi manipal hospitals Mr. Mohan Hariharan
	(ii) Name of HCF or CBMWTF	:	Dr.Malathi manipal hospitals
	(iii) Address for Correspondence	:	# 45/1,45 th cross,9 th Block, Jayanagar Bangalore 560069
	(iv) Address of Facility	:	
	(v) Tel. No, Fax. No	:	080-40091000
	(vi) E-mail ID	:	Mohan.hariharan@manipalhospitals.com
	(vii) URL of Website	:	www.manipalhospitals.com
	(viii) GPS coordinates of HCF or CBMWTF	:	Kspcb/rseo/bng-city/bmw/reg.no.175279/20-21/141
	(ix) Ownership of HCF or CBMWTF	:	(State Government or <u>Private</u> or Semi Govt. or any other)
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorization No.: valid up to Valid up to: 30/9/2030
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: 30/9/2030
2.	Type of Health Care Facility	:	Hospital
	(i) Bedded Hospital	:	No. of Beds:..... 75
	(ii) Non-bedded hospital	:	

	Laborator (Clinic or Blood Bank or Clinical y Research Institute or Veterinary Hospital or any other)	or	Any other
	(iii) License number and its date of expiry		BLU02680AA4P
3.	Details of CBMWTF	:	Maridi eco industries No 35, Mile stone, Kanankapura road, Bangalore
	(i) Number healthcare facilities covered by CBMWTF	:	2
	(ii) No of beds covered by CBMWTF	:	75
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	_____ Kg per day
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	_____ Kg/day
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	<div>Yellow Category : 10242/Y</div> <div>Red Category : 14835/Y</div> <div>White: 1013 /Y</div> <div>Blue Category : 1947/Y</div> <div>General Solid waste: 15462/Y</div>
5	Details of the Storage, treatment, transportation, processing and Disposal Facility		
	(i) Details of the on-site storage facility	:	<div>Size : 144 sq feet</div> <div>Capacity :</div> <div>Provision of on-site storage : (cold storage or any other provision)</div>

disposal facilities		<div> <div>Type of treatment equipment</div> <div>No of units</div> <div>Capacity Kg/day</div> <div>Quantity treated or disposed in kg per annum</div> </div> <div> Incinerators Plasma Pyrolysis Autoclaves Microwave Hydroclave Shredder Needle tip cutter or destroyer Sharps encapsulation or concrete pit Deep burial pits: Chemical disinfection: Any other treatment equipment: </div>
(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	:	Red Category (like plastic, glass etc.) 14835/Y
(iv) No of vehicles used for collection and transportation of biomedical waste	:	1 No
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		<div> <div>Quantity generated</div> <div>Where disposed</div> </div> <div> Incineration N/A Ash ETP Sludge </div>
(vi) Name of the Common Bio- : Medical Waste Treatment Facility Operator through which wastes are disposed of		Maridi Eco Industries
(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
7 Details trainings conducted on BMW Management.		

	(ii) number of personnel trained		90
	(iii) number of personnel trained at the time of induction		60
	(iv) number of personnel not undergone any training so far		Nill
	(v) whether standard manual for training is available?		YES
	(vi) any other information)		
8	Details of the accident occurred during the year		
	(i) Number of Accidents occurred		Nill
	(ii) Number of the persons affected		Nill
	(iii) Remedial Action taken (Please attach details if any)		Attached
	(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?		Non
	Details of Continuous online emission monitoring systems installed		Nill
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		Attached
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	:	(Air Pollution Control Devices attached with the Incinerator)

Certified that the above report is for the period from

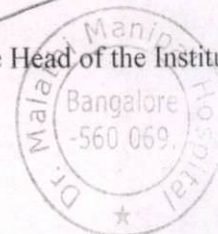
Jan 2021 to Dec 2021

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Name and Signature of the Head of the Institution

Date: 04/01/2022

Place BANGALORE



Biomedical waste management committee – Minutes of meeting

ManipalHospitals

LIFE'S ON



DATE	23/7/2021	Time :	11am -12pm	Venue:	Admin block conference hall
Members present	Members absent	Invitees present		Invitees absent	
Mr Mohan Hariharan Dr. Sameera Dr. Veena Manjunath Dr Justin Dr Poonam Mr. Chakrapani Mr. Krishnamurthy Mr. Palash Das Mr. Mallikarjuna Swamy H C Sr. Binimol T Dr. Sushma Mr. Selvaraj Ms. Lissy Varghese Ms. Princy Ms. Usharani Madhavan Dr Rajeev Giri Ms. Shubha Ms. Haindavi Ms. Kanthamma Dr Deepa Dr Yogish Ms. Dalia Ms. Leelavathy K O	Dr Aravind G M Dr Ramesh T S Mr Sabesh				
PREVIOUS MEETING POINTS	DISCUSSION	ACTION TAKEN		RESPONSIBIL ITY	STATUS
NIL					

Biomedical waste management committee – Minutes of meeting

ManipalHospitals

LIFE'S ON



MEETING POINTS FOR July 2021	DISCUSSION	ACTION TAKEN	RESPONSIBILITY	STATUS
Review of Incidents while handling biomedical waste	There were 5 Needle Stick Injuries and 0 BBF incidents, reported from past six months	Routine blood investigations and follow-up done. Retrained the all staffs	HIC team	Ongoing
Review of collection and transportation activities.	BMW monitor	Daily collection from the source and its transportation monitored and deviations corrected on spot .	HIC Team	Ongoing
Review of availability of PPE	PPE availability and adherence	Availability checked on daily basis And non-adherences corrected on the spot	HIC team	Ongoing
Training/awareness	BMW training	Biomedical waste guidelines awareness class taken and will be an ongoing activity	HIC team	Ongoing
Any other issues	Implementation of new software for monitor BMW	Discussed with Padmanabhan will close by end of this month	HIC team Padmanabhan Slevaraj P Chakrapani L	Open

Signature and Name of
Convener of Biomedical waste
management Committee
Manipal Hospitals, Jayanagar, Bangalore

Signature and Name of
Chairperson Biomedical waste
management Committee
Manipal Hospitals, Jayanagar, Bangalore