

187 / MICO / 23 / 2 / 2021

**From**

The Nodal Officer,  
Bio Medicalwaste Management,  
Department of Microbiology,  
Stanley Medical College,  
Chennai 600001

**To**

The Dean,  
Stanley Medical College & Hospital,  
Chennai 600001.  
(Through proper channel)

Respected Sir,

Herewith submitting the biomedical waste management annual report form IV  
for the period of January 2020 to December 2020.

Thanking You,

Yours faithfully,

*Edwin Fernando*

Dr. M. EDWIN FERNANDO  
Reg. No. 40782  
PROFESSOR AND HOD OF NEPHROLOGY  
GOVT STANLEY HOSPITAL  
CHENNAI - 600 001.

Ref  
27/5/21

Form – 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 authorised person (occupier or operator of facility)	DEAN DR.P.BALAJI MS.,FRCS.,PHD.,FLCS
	(ii) Name of HCF or CBMWTF	GOVT.STANLEY MEDICAL COLLEGE HOSPITAL
	(iii) Address for Correspondence	OLD JAIL ROAD ,CHENNAI-1
	(iv) Address of Facility	OLD JAIL ROAD ,CHENNAI-1
	(v)Tel. No, Fax. No	044-25280900 FAX 044-25288384
	(vi) E-mail ID	stanleyhospital@gmail.com
	(vii) URL of Website	<a href="http://www.stanleymedicalcollege.ac.in">http://www.stanleymedicalcollege.ac.in</a>
	(viii) GPS coordinates of HCF or CBMWTF	
	(ix) Ownership of HCF or CBMWTF : (State Government or Private or Semi Govt. or any other)	State Government
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	Authorisation No.: 4840 valid up to:25.03.2017 again applied on sep 2019
	(xi). Status of Consents under Water Act and Air Act	Valid up to:01.02.2016 again applied on sep 2019
2.	Type of Health Care Facility	
	(i) Bedded Hospital : No. of Beds	No,of Beds:1661
	(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	
3.	Details of CBMWTF	Not applicable
	(i) Number healthcare facilities covered by CBMWTF	
	(ii) No of beds covered by CBMWTF	
	(iii) Installed treatment and disposal capacity of CBMWTF	_____ Kg per day
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	_____ Kg/day

	and transportation of biomedical waste	1 Non covid		
	(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	Not applicable	Not applicable
		ETP Sludge	Not applicable	Not applicable
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	Tamil nadu waste mangement pvt.ltd		
	(vii) List of member HCF not handed over bio-medical waste	NA		
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			
	(i) Number of trainings conducted on BMW Management	25		
	(ii) number of personnel trained	1100		
	(iii) number of personnel trained at the time of induction	300		
	(iv) number of personnel not undergone any training so far	Nil		
	(v) whether standard manual for training is available?	Yes New BMW rules 2016,Standrd PPT availablr		
	(vi) any other information)			
8	Details of the accident occurred during the year			
	(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?	ETP present in Diabtology block & multi speciality block Liquid wastereated with 1%or 5% Sodium Hypocholrite with 30mintues contact time letting into drain		
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?			

4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	Yellow Category :NON COVID 22032.40 kg/ann COVID-32936.64 kg/annum			
		Red Category :NON COVID- 25928.35kg/annum COVID-6007.			
		White:NON COVID-513.82kg/annum			
		Blue Category : NON COVID-11391.80kg/annum COVID-594.05 kg/annum			
		General Solid waste: 408538.9kg/annum			
5	Details of the Storage, treatment, transportation, processing and Disposal Facility				
	(i) Details of the on-site storage facility	Size 100Sqm			
		Capacity :			
		Provision of on-site storage : (cold storage or any other provision)			
	ii) Details of the treatment or : disposal facilities	Type of treatment Equipment	Number of units	Capacity Kg/ day	Quan Treat dispo kg pe annur
		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			
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	Red Category (like plastic, glass etc.)			
	(iv) No of vehicles used for collection	None			
		1 Covid			

12	Any other relevant information	(Air Pollution Control Devices attached with the Incinerator)

Certified that the above report is for the period from January 2020 to December 2020

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 .....  
 .....

Date:  
Place

*P. Balaji*  
 Name and Signature of the Head of the Institution

*19/2/2021*

**DESB**  
**Government Stanley Hospital**  
**Chennai-600 091**

Name of the institution: GOVT . STANLEY HOSPITAL, CHENNAI-1 YEAR 2020

BIO MEDICAL WASTE GENERATED(WEIGHT IN KGS)

MONTH	TOTAL NO OF BEDS	NON- COVID						COVID						TOTAL MONTHLY WEIGHT FOR PAYMENT EXCLUDING GIV BOTTLE CAN/ BOTTLE	ACTUAL PER DAY AVERAGE IN KGS(RE D + YELLOW + BLUE + WHITE / 30)	EXPECTE D PER DAY AVERAGE IN KGS (BEDS X 0.15)	
		RED			WHITE			RED			YELLOW						TOTAL MONTHLY WEIGHT IN KGS (RED+BLUE +YELLOW +WHITE)
		CONTAMI NATED RECYCLABL E PLASTICS	IV BOTTLES, PLASTIC CAN / BOTTLES	YELLOW	BLUE	WHITE	RED			YELLOW	BLUE	WHITE					
							CONTAMI NATED RECYCLABL E PLASTICS	IV BOTTLES , PLASTIC CAN / BOTTLES	CONTAMI NATED RECYCLABL E PLASTICS								
JANUARY	1661	3325.55	358.82	2806.25	1477	51.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8019.37	7660.55	255.35	249.15
FEBRUARY	1661	3266.25	337.63	3329.45	1510.25	53.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8497.23	8159.6	271.99	249.15
MARCH	1661	2505.60	275.84	2514.4	1032.1	40.95	0.00	0.00	0.00	15	0.00	0.00	0.00	6383.89	6108.05	203.60	249.15
APRIL	1661	1318	110.71	953.3	368.75	18.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3124.16	3013.45	100.45	249.15
MAY	1661	1382.45	108.04	1344.55	440.85	14.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3850.99	3742.95	124.77	249.15
JUNE	1661	1248.51	156.63	936.21	739.11	19.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7208.24	7051.613	235.05	249.15
JULY	1661	1088.392	136.79	856.73	392.865	15.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9902.97	9766.182	325.54	249.15
AUGUST	1661	1530.15	174.67	1160.31	543.87	19.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9655.03	9480.36	316.01	249.15
SEPTEMBER	1661	2009.95	181.95	1684.10	931.40	30.90	509.00	2.60	509.00	2.60	5410.90	19.15	0.00	10779.95	10598	353.27	249.15
OCTOBER	1661	2662.9	244.88	2090.2	1188.5	81.7	2174	29.74	2174	29.74	4358.55	290.15	0.00	13120.62	12875.74	429.19	249.15
NOVEMBER	1661	2651.55	289.58	2131.25	1414.55	90.5	1524	19.24	1524	19.24	2758.6	164.95	0.00	11044.22	10754.64	358.488	249.15
DECEMBER	1661	3048.35	306.05	2323.95	1394.55	79.35	1835.9	12.03	1835.9	12.03	1783.3	131.85	0.00	10915.33	10597.25	353.24	249.15
TOTAL	1661	26037.65	2681.59	22130.70	11433.80	515.92	6042.90	63.61	6042.90	63.61	32989.74	606.10	0.00	102502.01	99808.39	3326.94	2989.80

**BIO MEDICAL WASTE COMMITTEE MEETING**

**VENUE: SEMINAR ROOM, GROND<sup>ND</sup> FLOOR – FM DEPARTMENT.**

**DATE: 13-10-2020**

**Bio-Medical Nodal officer-Dr.M.Edwin Fernando, Professor and Head, Dept of Nephrology**

**Members: 1.RESIDENT MEDICAL OFFICER: Dr.M.Ramesh**

**Dr.Mahesh**

**2. Dr.valarmathi, Professor, Dept of Pathology**

**3. Dr.B.Subitha , Associate Professor, Dept.of Microbiology**

**Dr. Rajakumar ,Blood bank Medical Officer**

**Dr .Balasubramanian Professor and Head, Dept of Forensic Medicine**

1. The committee inspected the area adjacent to the FM block to ensure proper Bio-medical waste common storage area. The following suggestions were discussed,

1. Demolition of the old over head tank.
2. Demolition of the two old buildings near the compound wall.
3. Construction of two shed one for general waste and one for Bio-Medical waste with a colour coded segregation chambers and COVID waste.
4. PWD Assistant Executive engineer has got a proposal for the same. This has to be discussed with the Dean for his approval.
5. If this proposal is approved and the construction is completed, the BMW common storage area will be shifted to the place adjacent to FM block. In such a circumstance the mortuary entrance and exit can be managed in the area behind the new surgical block(NSB).

2. Mr. Nazeer Ahamed -Office superintendent , P&D, informed the committee that he has submitted the annual report of year 2019

3. A new display board for the Bio-Medical waste management common storage area to be made which has been intimated to RMO.

4. Bio medical waste management training to be arranged for Krystal workers.

13/10/2020

Dean

Stanley Medical College,

Chennai-600 001

GOVERNMENT STANLEY MEDICAL COLLEGE & HOSPITAL  
BIO MEDICAL WASTE MANAGEMENT COMMITTEE MEETING

VENUE NTB VI FLOOR

MINUTES OF MEETING HELD ON 8.5.2020.

BIOMEDICAL WASTE MANAGEMENT:

- The total weight generated during the month of march is 2658.150 kg
- Average weight generated per day is about 88.803 kg/day
- The average weight to be generated is 249 kg/day
- Renewal for biomedical waste authorization status under process were discussed
- Bio Medical Waste Management rounds conducted in various wards were discussed
- 30X36" large size yellow covers were supplied for segregation of Covid PPE KITS

Dean  
Stanley Medical College  
Chennai-600 001