

Date: 29-Jun-22

To,
Chief Engineer
The West Bengal Pollution Control Board
Paribesh Bhawan
10A, L A Block, Sector-3, Bidhannagar
Kolkata-106


Subject: Submission of Annual Biomedical Waste Report for 2021

Dear Sir,

I, Supratik Desarkar, Authorised Signatory of The Calcutta Medical Research Institute would like to submit our "Annual Biomedical Waste Report for 2021".

Would request you to kindly accept the same and provide acknowledgement for the same.

Thanking you
Yours Sincerely


Supratik Desarkar
Authorized Signatory
The Calcutta Medical Research Institute



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 authorized person (occupier or : operator of facility)	:	Mr. Supratik Desarkar
	(ii) Name of HCF or CBMWTF	:	The Calcutta Medical Research Institute
	(iii) Address for Correspondence	:	7/2, Diamond Harbour Road, Kolkata-700027
	(iv) Address of Facility	:	7/2, Diamond Harbour Road, Kolkata-700027
	(v) Tel. No, Fax. No	:	033-4090-4090
	(vi) E-mail ID	:	soudeep.samanta@ckbirlahospitals.com
	(vii) URL of Website	:	https://cmri.ckbirlahospitals.com/
	(viii) GPS coordinates of HCF or CBMWTF	:	22.5322° N, 88.3278° E
	(ix) Ownership of HCF or CBMWTF	:	Private Trust
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Authorization No.: 07-2S (BM)-320/99-2000 Valid upto: 31-Dec-2026
	(xi). Status of Consents under Water Act and Air Act	:	06-2S/CON (BM)-1190/2001 Valid upto: 31-Dec-2026
2	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: <u>440</u>
	(ii) Non-bedded hospital	:	
	Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	Not Applicable
	(iii) License number and its date of expiry	:	34227693 valid till 18-Apr-2024
3	Details of CBMWTF	:	
	(i) Number of health care facilities covered by CBMWTF	:	Not Applicable
	(ii) No. of Beds covered by CBMWTF	:	Not Applicable
	(iii) Installed treatment and disposal capacity of CBMWTF;	:	Not Applicable Kg / day
	(iv) Quantity of bio medical waste treated or disposed by CBMWTF	:	Not Applicable Kg / day
4	Quantity of waste generated or disposed in Kg per Annum (on monthly average basis)		<i>Yellow Category: 2846.15 Kg/month (Monthly Avg)</i>
		:	<i>Red Category: 4755.97 kg/month (Monthly Avg)</i>
			<i>White: 81.64 Kg/month (Monthly Avg)</i>
			<i>Blue Category: 119.5 Kg/month (Monthly Avg)</i>
			<i>General Solid Waste:</i>
5	Details of the Storage, Treatment, Transportation, Processing and Disposal Facility		
	(i) Details of the on-site storage	:	Size: 650 Sqft



	facility		Capacity: 700 Kg			
			Provision of on-site storage : (Cold storage or any other provision)			
	(ii) Disposal facilities		Type of treatment equipment	No of Units	Capacity Kg/day	Quantity Treated or disposed in kg per annum
			Incinerators	NA	NA	NA
			Plasma Pyrolysis	NA	NA	NA
			Autoclaves	NA	NA	NA
			Microwave	NA	NA	NA
			Hydroclave	NA	NA	NA
			Shredder	NA	NA	NA
			Needle tip cutter or destroyer	NA	NA	NA
			Sharps	NA	NA	NA
			Encapsulation or concrete pit	NA	NA	NA
			Deep burial pits	NA	NA	NA
			Chemical disinfection:	NA	NA	NA
			Any other treatment equipment:	NA	NA	NA
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in Kg per annum	:	NA			
	(iv) No. of Vehicles used for collection and transportation of biomedical waste	:	1 per day			
	(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	NA	NA	
			Ash	NA	NA	
			ETP Sludge	NA	NA	
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of		Medicare Environmental Management 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, MOM of committee meeting enclosed.			



7	Details trainings conducted on BMW		
	(i) Number of trainings conducted on BMW Management		48
	(ii) Number of personnel trained		144
	(iii) Number of personnel trained at the time of induction		9
	(iv) Number of personnel not undergone any training so far		0
	(v) Whether standard manual for training is available?		Yes
8	Details of the accident occurred during the year		
	(i) Number of Accidents occurred		0
	(ii) Number of persons affected		0
	(iii) Remedial Action taken (Please attach details if any)		Not Applicable
	(iv) Any Fatality occurred, details		Not Applicable
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?		Not Applicable
	Details of Continuous online emission monitoring systems installed		Not Applicable
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		Not Applicable
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?		Not Applicable
12	Any other relevant information		(Air Pollution Control Devices attached with the Incinerator)

Certified that the above report is for the period from 1st January 2021 till 31st December, 2021




Name and Signature of the Head of the Institution

Date: 29th June 2022

Place: Kolkata



MINUTES OF MEETING (MOM)

Date: 28 /10/21

Time: 12:00PM-01:00PM

1. Name of Unit: Infection Control
2. Name of Committee: Infection Control and BMW Committee Meeting
3. Total No. of Members: 30
4. Number of Members attended: 17
5. Chairperson, Convener and Mandatory Members present (Y/N): Y
6. Details of essential members who neither attended nor sent a representative: Biomedical
7. Agenda circulated prior to meeting (Y/N): N
8. Discussion on Action Taken Report on action items/ recommendations from previous meetings (Y/N): Y
9. Details of action items open from previous meeting: Changing of OT shoes and Implement different color code shoes for different foot.

Sl. No.	Action Item(s)	Responsibility	Expected Closure Date	Interdependencies
1	Sending of appropriate cultures, if required, by treating team if VAE is captured.	Treating team	Immediate & continuous process.	ICU team, I/C Team
2	To reduce the trend of CLABSI, Insertion and maintenance bundle needs to be stricter. Changes and addition done in insertion and maintenance bundle.	Doctors and Nursing	Immediate and continuous	ICU team, I/C Team, OT team
3	Routine insertion of triple lumen HD line should be avoided, unless indicated.	Doctors	Immediate and continuous	ICU team
4	Reimplementation & escalation of restricted antibiotics forms. Antibiotic stewardship audits and training program.	Clinical Pharmacist Microbiologists	After availability of a clinical pharmacist (for audits) & one transcriptionist (for Antibigram data entry.)	HR, I/C team, Quality, Medical admin.
5	H1N1 vaccination to be started for the employees starting from emergency	I/C team	Immediate	HR, SCM, I/C team

1	To ensure availability of hypochlorite solution.	SCM, Housekeeping	Immediate	SCM, Housekeeping
2	Mopping, Dusting and Cleaning by 1% Freshly prepared Sodium Hypochlorite Solution in all ICU, ACU, Emergency and all Infectious patients in wards. Correct & daily dilution to follow. (1:4 for 5% stock solution)	Housekeeping	Immediate	Housekeeping, I/C team, Nursing

BMW Committee Meeting

Date: 28 /10/21

Time: 12:00PM-01:00PM

Minutes of HOSPITAL INFECTION CONTROL MANAGEMENT COMMITTEE MEETING
Held at Board Room on 25th MARCH 2021 at 15:00 hours

- **Chairperson:** Dr. Subranshu Mondal, Consultant Microbiologist
- **Member Secretary:** Ms. Durga Paul, Infection Control Nurse
- **Attendees:** Dr. Subhrangshu Mandal, Dr. Sharada Ahluwalia (AMS), Dr. Kuntal Banerjee (AMS), Dr. Anirudha Sarkar, Dr. Susruta Sen., Dr. Ajay Mandal, Dr. N.V.K. Mohan, Dr. Kaushik Das, Mr. Subhas Chandra Jha, Mr. Supratik De Sarkar, Ms. Subrata Ghosh, Ms. Sutapa Chakroborty, Mr. Soumik Dutta, Mr. Satyajit, Chatterjee, Moumita Chowdhury, Ms. Paurabi Chakroborty, Ms. Swapna Singharoy.

Apologies: Mr. Bobby Varghese (UNIT HEAD), Dr. Sailesh Kumar (Medical Superintendent), Dr. Anirban Chattopadhyay, Ms. Madhukari Ray, Mr. Rajesh B, Dr. Sujoy Mukherjee, Dr. P. K. Nemani, Dr. Suman Mitra, Dr. S.M. Rahaman, MS Sukanti Mohapatra, Dr. Rakesh Rajput, Dr. Sougata Acharya, Dr. Saswata Chatterjee.

- **Convener:** Ms. Durga Paul, Infection Control Nurse

Sl. No.	Minutes	Discussions/ Recommendations	Responsibility	EDC
1	HIC Indicators Focus Areas	VAP – Close suction protocol remain as before	Nursing /Doctors	Immediate
		CLABSI – To improve the process deviation of HD line with Triple lumen need vigorous training and practice (with hand son training) on CLABSI		
		CAUTI – Continue the training to improve bundle care	Nursing	Immediate

Sarika Paul

Minutes of BIOMEDICAL WASTE MANAGEMENT Meeting held at Board Room on 25th March, 2021 at 15:00 hours

S. No.	Minutes	Discussions/ Recommendations	Responsibility
1	High touch surface cleaning	1) Committee has decided do the proper scrubbing and hypochlorite cleaning to reduce the HAI and as well as c-diff	Housekeeping