

# CHRISTIAN MEDICAL COLLEGE, LUDHIANA

(REGISTERED SOCIETY UNDER ACT NO. XXI OF 1860 AS A CHARITABLE MINORITY INSTITUTION)

PROMOTING HEALTH THROUGH  
-COMMUNITY OUTREACH  
-PATIENT CARE  
-EDUCATION  
-RESEARCH



LUDHIANA - 141008, Punjab (India)

Cables/Grams : CHRISMED

DATE

25<sup>th</sup> June, 2022

The Environmental Engineer-I  
PSIEC Building  
E648-B, Phase V  
Focal Point  
Ludhiana.

Sub: Annual report on Biomedical Waste Disposal for the period of January 2021 to December 2021 of Christian Dental College & Hospital Ludhiana.

Respected Sir,

I am sending you the biomedical waste disposal annual report of CDC & Hospital for the period of January 2021 to December 2021.

Kindly acknowledge the report.

Thanking You

Yours sincerely

Dr. Melchisedec Singh  
Professor & Head  
Department of Anaesthesia and  
Deputy Medical Superintendent

Deputy Medical Superintendent  
Christian Medical College & Hospital,  
LUDHIANA-141008 (Punjab)

Encl: Annual Report  
Form -IV - Annual report and other details

Read  
29/6/22

**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)]

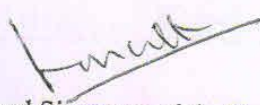
Sl. No.	Particulars		
1	Particulars of the Occupier	:	
	(i) Name of the authorized person (occupier or : operator of facility)	:	DR. Allen Joseph Medical Superintendent.
	(ii) Name of HCF or CBMWTF	:	Christina Dental College & Hospital
	(iii) Address for Correspondence	:	Medical Superintendent Office
	(iv) Address of Facility	:	CMC FH Broun Road, Ludhiana
	(v) Tel. No, Fax. No	:	0161 2115075, 0161 2115236
	(vi) E-mail ID	:	mcmc.ludhiana@gmail.com.
	(vii) URL of Website	:	Cmludhiana.in
	(viii) GPS coordinates of HCF or CBMWTF	:	NA
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other)
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: <sup>NEW Application No.</sup> 18577805 <sup>As on 26.4.22</sup> BMW/Renewal/LDHI/2022/18715634 ..... Valid upto: 31.03.2022 15225479
	(xi). Status of Consents under Water Act and Air Act	:	Valid upto: 31.03.2024 CTow/Renewal/LDHI/2022/18715634 CTOA/Renewal/LDHI/2022/18715228
2	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: <del>10</del>
	(ii) Non-bedded hospital	:	146 (DENTAL CHAIRS)
	Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	NA NA
	(iii) License number and its date of expiry	:	
3	Details of CBMWTF	:	
	(i) Number of health care facilities covered by CBMWTF	:	NA
	(ii) No. of Beds covered by CBMWTF	:	NA
	(iii) Installed treatment and disposal capacity of CBMWTF;	:	_____ Kg / day
	(iv) Quantity of bio medical waste treated or disposed by CBMWTF	:	NA Kg / day
	Quantity of waste generated or disposed in Kg per Annum (on monthly average basis)	:	Yellow Category: 730.511 kg (Annual) Red Category: 1318.890 kg (Annual) White: 17.370 kg (Annual) Blue Category: 69.970 kg (Annual) General Solid Waste: 2312 kg (Annual)
	Details of the Storage, Treatment, Transportation, Processing and Disposal facility	:	
	(i) Details of the on-site storage	:	Size: 12' x 12' x 10'

facility	Capacity: 1440 Provision of on-site storage : (Cold storage or any other provision)																																																					
(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 Pyrolysis</td><td></td><td></td><td></td></tr> <tr><td>Autoclaves</td><td>01</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>15</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 colspan="3">1% Sodium Hypochlorite treatment in LBS EOTs</td></tr> <tr><td>Any other treatment equipment:</td><td colspan="3">Pretreatment plant a Capacity of 800 LTR Treatment with 10% Sodium Hypo</td></tr> </tbody> </table>	Type of treatment equipment	No of Units	Capacity Kg/day	Quantity Treated or disposed in kg per annum	Incinerators				Plasma Pyrolysis				Autoclaves	01			Microwave				Hydroclave				Shredder				Needle tip cutter or destroyer	15			Sharps				Encapsulation or concrete pit				Deep burial pits				Chemical disinfection:	1% Sodium Hypochlorite treatment in LBS EOTs			Any other treatment equipment:	Pretreatment plant a Capacity of 800 LTR Treatment with 10% Sodium Hypo			
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(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in Kg per annum	: Red Category (like plastic, glass, etc.) ' NA '																																																					
(iv) No. of Vehicles used for collection and transportation of biomedical waste	: ' NA '																																																					
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		<table border="1"> <thead> <tr> <th></th> <th>Quantity Generated</th> <th>Where disposed</th> </tr> </thead> <tbody> <tr><td>Incineration</td><td></td><td></td></tr> <tr><td>Ash</td><td>117kg</td><td>Sodium Hypochlorite</td></tr> <tr><td>ETP Sludge</td><td></td><td>Pretreatment goes to sewage</td></tr> </tbody> </table>		Quantity Generated	Where disposed	Incineration			Ash	117kg	Sodium Hypochlorite	ETP Sludge		Pretreatment goes to sewage																																								
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(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	M/s Medicare Environmental Management Pvt Ltd TAU Pur Road, Ludhiana.																																																					
(vii) List of member HCF not handed over bio-medical waste.	' NA '																																																					
Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	Yes (Photocopy of the minutes attached)																																																					

Details trainings conducted on BMW		
(i)	Number of trainings conducted on BMW Management	19
(ii)	Number of personnel trained	348
(iii)	Number of personnel trained at the time of Induction	15
(iv)	Number of personnel not undergone any training so far	NIL.
(v)	Whether standard manual for training is available?	YES
8	Details of the accident occurred during the year	NIL
(i)	Number of Accidents occurred	NIL
(ii)	Number of persons affected	
(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' ' NA'
	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?	YES NONE
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	YES NONE
12	Any other relevant information	(Air Pollution Control Devices attached with the Incinerator)

Certified that the above report is for the period from

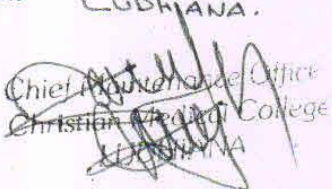
.....  
1st JANUARY 2021 to DECEMBER 2021  
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Name and Signature of the Head of the Institution  
 Director  
 Christian Medical College  
 LUDHIANA-141008.

Date: 20.6.2022

Place: LUDHIANA.

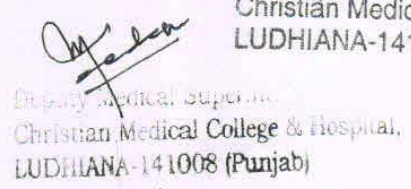


Chief Executive Officer  
 Christian Medical College  
 LUDHIANA



10.6.2022

Manager & Nodal Officer  
 Incharge Bio Medical Waste Management  
 Christian Medical College & Hospital,  
 Brown Road, Ludhiana-141008 (Pb.)



Incharge Bio Medical Waste Management  
 Christian Medical College & Hospital,  
 LUDHIANA-141008 (Punjab)