



Maharaj Sawan Singh Charitable Hospital

No. BH/FF&HK/BMW-PPCB/02/2024

06.01.2024

Environmental Engineer,
Punjab Pollution Control Board,
Plot No. 164, Focal Point,
Mehta Road, Regional Office,
Amritsar

Sub : Submission of Annual Report of Bio-Medical Waste Management

Dear Sir,

As per Clause (13) of terms and conditions of Authorization for Waste Management granted to this Hospital under Bio-Medical Waste (Management and Handling) Rules 1998, **enclosed** please find herewith the Annual Report of Waste Management of this Hospital on Form-IV for the period from 01.01.2023 to 31.12.2023.

Thanking you,

Yours sincerely,


Dr A S Padda
Chief Administrator

CC : The Chairman,
Punjab Pollution Control Board,
Vatavaran Bhawan,
Nabha Road, Patiala – 147 001

FORM - IV

ANNUAL REPORT

Sl No.	Particulars	
1.	Particulars of the Occupier	: Maharaj Sawan Singh Charitable Hospital
	(i) Name of the authorised person (occupier or operator of facility)	: Agam Deep Saini
	(ii) Name of HCF or CBMWTF	: M/s. Amritsar Envirocare Systems Pvt Ltd., Amritsar (Dr Inderpal Singh Pasricha)
	(iii) Address for correspondence	: Village Iban Kalan, Chabhal Road, Amritsar
	(iv) Address of facility	: Village Iban Kalan, Chabhal Road, Amritsar
	(v) Tel. No., Fax No.	: 0183-5065311
	(vi) E-mail ID	: aecs2004@rediffmail.com
	(vii) URL of website	: Under preparation
	(viii) GPS coordinates of HCF or CBMWTF	:
	(ix) Ownership of HCF or CBMWTF	: Non Profit Society / Private
	(x) Status of authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Authorization No. BWM/Fresh/ASR/2022/14963985 dated 06.04.2022 valid upto 30.06.2024
	(xi) Status of Consents under Water Act and Air Act	: Valid up to 31.03.2025
2.	Type of Health Care Facility	:
	(i) Bedded Hospital	: No. of Beds 199
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	: N/A
	(iii) License number and its date of expiry	: BWM/Fresh/ASR/2022/14963985 dated 06.04.2022 valid upto 30.06.2024
3.	Details of CBMWTF	: N/A
	(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 disposed by CBMWTF	:
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	: Yellow category (A+C+D+H) : 1036.3 kg/month (F) : 8416.7 Ltrs/month Red Category : 1097.9 kg/month White : 34.1 kg/month Blue Category : 278.6 kg/month General Solid waste: Nil
5.	Details of the Storage, treatment, transportation, processing and disposal facility	
	(i) Details of the on-site storage facility	: Size: 287 Sqft Capacity: 250kg (approx) Provision of on-site: (cold storage or any other provision) N/A

(ii) Disposal facilities	:	<table border="1"> <tr> <th data-bbox="831 107 975 264">Type of treatment equipment</th><th data-bbox="975 107 1118 264">No of units</th><th data-bbox="1118 107 1262 264">Capacity kg/day</th><th data-bbox="1262 107 1406 264">Quantity treated or disposed in kg per annum</th></tr> <tr> <td data-bbox="831 264 975 521">Incinerators Plasma Pyrolysis Autoclaves (1) Microwave Hydroclave Shredder Needle tip cutter or destroyer</td><td data-bbox="975 264 1118 521">Every wards, Emergency, ICU, CCU</td><td data-bbox="1118 264 1262 409">Adequate Adequate</td><td data-bbox="1262 264 1406 409">412.6 Kg Plastic waste</td></tr> <tr> <td data-bbox="831 521 975 633">Sharps encapsulation or concrete pit</td><td data-bbox="975 521 1118 633">N/A</td><td data-bbox="1118 521 1262 633">N/A</td><td data-bbox="1262 521 1406 633">N/A</td></tr> <tr> <td data-bbox="831 633 975 678">Deep burial pits</td><td data-bbox="975 633 1118 678">N/A</td><td data-bbox="1118 633 1262 678">N/A</td><td data-bbox="1262 633 1406 678">N/A</td></tr> <tr> <td data-bbox="831 678 975 757">Chemical disinfection</td><td data-bbox="975 678 1118 757">Sodium Hypochlorite 1%</td><td data-bbox="1118 678 1262 757">N/A</td><td data-bbox="1262 678 1406 757">N/A</td></tr> <tr> <td data-bbox="831 757 975 835">Any other treatment equipment</td><td data-bbox="975 757 1118 835">N/A</td><td data-bbox="1118 757 1262 835">N/A</td><td data-bbox="1262 757 1406 835">N/A</td></tr> </table>	Type of treatment equipment	No of units	Capacity kg/day	Quantity treated or disposed in kg per annum	Incinerators Plasma Pyrolysis Autoclaves (1) Microwave Hydroclave Shredder Needle tip cutter or destroyer	Every wards, Emergency, ICU, CCU	Adequate Adequate	412.6 Kg Plastic waste	Sharps encapsulation or concrete pit	N/A	N/A	N/A	Deep burial pits	N/A	N/A	N/A	Chemical disinfection	Sodium Hypochlorite 1%	N/A	N/A	Any other treatment equipment	N/A	N/A	N/A
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Any other treatment equipment	N/A	N/A	N/A																							
(iii) No of vehicles used for collection and transportation of bio-medical waste	:	One																								
(iv) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	<table border="1"> <tr> <th data-bbox="831 1037 1031 1104"></th><th data-bbox="1031 1037 1222 1104">Quantity generated</th><th data-bbox="1222 1037 1406 1104">Where disposed</th></tr> <tr> <td data-bbox="831 1104 1031 1149">Incineration</td><td data-bbox="1031 1104 1222 1149">N/A</td><td data-bbox="1222 1104 1406 1149">N/A</td></tr> <tr> <td data-bbox="831 1149 1031 1193">Ash</td><td data-bbox="1031 1149 1222 1193">N/A</td><td data-bbox="1222 1149 1406 1193">N/A</td></tr> <tr> <td data-bbox="831 1193 1031 1238">ETP Sludge</td><td data-bbox="1031 1193 1222 1238">N/A</td><td data-bbox="1222 1193 1406 1238">N/A</td></tr> </table>		Quantity generated	Where disposed	Incineration	N/A	N/A	Ash	N/A	N/A	ETP Sludge	N/A	N/A												
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(v) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of.	:	M/s. Amritsar Envirocare Systems Pvt Ltd., Amritsar (Dr Inderpal Singh Pasricha)																								
(vi) 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, copies enclosed.																								
7. Details of training conduct on BMW																										
(i) Number of trainings conducted on BMW Management.	:	Twice a year																								
(ii) Number of personnel trained.	:	Personnel related to BMW : Nursing Sisters-12 Staff Nurses-114, Ward Helpers-87 & Helpers-47																								
(iii) Number of personnel trained at the time of induction.	:	New inductees : Staff Nurses-18, Ward Helpers-07 & Helpers-04																								
(iv) Number of personnel not undergone any training so far.	:	Nil																								

	(v) Whether standard manual for training is available?	: Yes
	(vi) Any other information.	: Nil
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 attached details if any)	: N/A
	(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?	: N/A
	Details of Continuous online emission monitoring systems installed.	: N/A
10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in the year?	: 108.5 x 10 ⁶ L Pre-treated in Anaerobic fixed film reactor system (AFFR) and then land absorbed/used for irrigation.
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
12	Any other relevant information	: -

Certified that the above report is for the period from 1st January to 31st December, 2023.

(Agam Deep Saini)

Name and Signature of the Head of the Institution

Date : 05.01.2024

Place : Beas