
HARYANA STATE POLLUTION CONTROL BOARD
C-11 Sector-6, Panchkula
Ph - 0172- 577870-73, Fax No. 2581201
hspcb-solidwaste@gmail.com
Website: hspcb.org.in

Date 01-08-2025

To

The Member Secretary,
Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar,
Delhi-110032

Subject: Submission of Annual Report under Bio Medical Waste management Rules, for the year 2024

Kindly refer to the subject noted above.

In this connection, I have been directed to enclose herewith the Annual Report for the year 2024 under Bio Medical Waste Management Rules, 2016, for your information and further necessary action, please.

DA/ As Above.

Digitally signed by
MONIKA
Date: 01-08-2025
12:59:29
Scientist (SWM Cell)
For Chairman

Endst.

A copy of the above is forwarded to the following for information & necessary action :

1. Environmental Engineer (IT) HSPCB for uploading the Annual Report on the website of the Board.

DA/ As Above.

Form IV A
[See rule 13 (2)]

Format for submission of the annual report information on Bio Medical Waste Management to be submitted by the State Pollution Control Board or pollution Control Committees and Director General Armed Force Medical Services to Central Pollution Control Board on or before 31st July of every year for the period from January to December of the preceding calendar year.

Sr. no.	Particulars	Total
1.	Name of Organization	Haryana State Pollution Control Board, C-11, Sector-6, Panchkula.
2.	Name of the Nodal Officer with contact/telephone number & e-mail	Sh. Satinder Pal, Sr. Environmental Engineer (HQ) Phone no. _____ E-mail : hspcb-solidwaste@gmail.com
3.	Total No. of Health Care Facilities/ Occupiers	7733
I.	Bedded Hospital & Nursing Home (bedded)	3626
II.	Clinics, Dispensaries	2388
III.	Veterinary institutions	84
IV.	Animal Houses	7
V.	Pathology Laboratories	1295
VI.	Blood Banks	28
VII.	Clinical Establishment	278
VIII.	Research institutions	27
IX.	AYUSH	0
	Total No. of non beds HCFs (that is provided sum of along-with details	4107
4.	Total No. of Beds	76209
5.	Status of Authorization	
I.	Total No. of Occupiers applied for Authorization	6338 + 1159 (already authorized) = 7497
II.	Total No. of Occupiers Granted Authorization	6154
III.	Total No. of application under consideration	19
IV.	Total No. of application rejected	165
V.	Total No. of Occupiers in operation without applying for authorization	236
6.	Quantity of generation Bio Medical Waste Generation (in Kg/day) (Please enclosed District wise Bio-Medical Waste Generation as per Part-2)	22949.592
I.	Bio-medical waste generation by bedded hospital (in kg/day)	17810.261
II.	Bio-medical waste generation by non bedded hospital (in kg/day)	5139.331
III.	Any other	0
7.	Bio-medical waste treatment & disposal	
a.	By Captive Bio-medical waste treatment & disposal by Healthcare Facilities (please enclosed detail as per Part - 3)	
i.	Number of Healthcare Facilities has captive treatment & disposal facilities -	0
ii.	Total Bio-medical waste treated and disposed by captive treatment facility in kg/day	0
b.	Bio-medical waste treatment & disposal by Common Bio Medical Waste Treatment Facility (please enclosed detail as per Part - 4)	
i.	Number of Common Bio Medical Waste Treatment Facility in operation	11

Sr. no.	Particulars	Total
ii.	Number of Common Bio Medical Waste Treatment Facility under construction	0
iii.	Total Bio-medical waste treated in kg/day	22949.592
iv.	Total Bio-medical waste disposed through authorized recycler (in kg/day)	7204.009
8.	Total number of violation by	
i.	Healthcare Facilities (bedded and non bedded)	236
ii.	Common Bio Medical Waste Treatment Facilities	0
iii.	Other (please specify)	0
9.	Show Cause Notice/ direction issued to defaulter	0
i.	Common Bio Medical Waste Treatment Facilities	0
ii.	Other	236
10.	Any other relevant information	
i.	Number of workshop/ trainings conducted during the year	205
ii.	Number of occupiers installed liquid waste treatment facility	611
iii.	Number of captive incinerators complying to the norms -	0
iv.	Number of occupiers organized trainings	479
v.	Number of occupiers constituted bio-medical waste management committees	564
vi.	Number of occupiers submitted Annual Report for the previous calendar year	5895
Vii.	Number of occupiers practicing pretreatment of lab micro biology and bio technology waste	1275
viii.	Number of Common Bio Medical Waste Treatment Facility that have installed continuous Online Emission Monitoring System	11

Part 2: District wise Bio-medical Waste Generation (for the previous calendar year 2023)

Sr. No.	Name of the State/ Union Territory	Region	Name of the District	Bio-medical Waste Generation (in kg/day)	Existing Total Bio-medical waste treatment capacity (both captive and CBMWTF) in kg/day
1.	Haryana	Hisar	Hisar	2058.66	Equipment
					Total
					Incinerator:
					Autoclave:
					Deep Burial:
			Any other		
			-		
			Shedder:		
			11000		
			Equipment		
Total					
Incinerator:					
2400					
Autoclave:					
4800					
Deep Burial:					
Any other					
-					
Shedder:					
1200					
No CBWTF in Kaithal region M/s Invision Enviro Service at Sirsa providing the treatment and disposal facility at Fatehabad and Kaithal.					
2.	Haryana	Gurugram (S)	Kaithal	236.50	Equipment
					Total
					Incinerator:
					2400
					Autoclave:
			4800		
			Deep Burial:		
			-		
			Any other		
			-		
Shedder:					
1200					
Equipment					
Total					
Incinerator:					
10000					
Autoclave:					
10000					
Deep Burial:					
-					
Any other					
-					
Shedder:					
12000					
No CBWTF in Rewari region. M/s Biotic at Gurugram (S) providing the treatment and disposal facility.					

		Gurugram (N)	Gurugram (N)	6869		No CBWTF in Gurugram (N) region. M/s Biotic at Gurugram (S) providing the treatment and disposal facility.
3.		Bahadurgarh	Rohtak	1451.923		Equipment Total
						Incinerator: 2400
						Autoclave: 1000
						Deep 0
						Burial: 0
						Shredder 1000
						Any Other ETP-1 (2.5 KLD)
			Jhajjar	505.92		No CBWTF in Jhajjar District. M/s S.D Bio Medical Waste at Rohtak providing the treatment and disposal facility.
4.		Panipat	Panipat	704.559		No CBWTF in Panipat region. M/s Haat Supreme at Karnal providing the treatment and disposal facility
		Karnal	Karnal	367.23		Equipment Total
						Incinerator: 1680
						Autoclave: 600
						Deep Burial:
						Shredder: 1200
						Any other ETP 3.5 KLD/Day
5.		Kaithal	Jind	220		Equipment Total
						Incinerator: 2400
						Autoclave: 720
						Deep Burial: 0
						Shredder 2400
		Sonepat	Sonepat	561		No CBWTF in Sonepat region. M/s Divya Waste management, Jind providing the treatment and disposal facility
6.		Bhiwani	Bhiwani	300		Equipment Total
						Incinerator: 2400
						Autoclave: 720
						Shredder: 2400
			Charkhi Dadri	149		No CBWTF in Ch. Dadri region. M/s Maruti bio medical waste at Bhiwan providing the treatment and disposal facility.

	Dharuhera	Mahendergarh	225	No CBWTF in Mahendergarh region. M/s Maruti bio medical waste at Bhiwani providing the treatment and disposal facility.	
7.	Panchkula	Panchkula	2437.7	Equipment	Total
				Incinerator:	3600
				Autoclave:	300
				Shredder	6000
				ETP	4 KLD
8.	Ambala	Yamuna Nagar	458	No CBWTF in Yamuna Nagar region, M/s Ess Kay Hygienic Services existing at Panchkula region providing the treatment and disposal facility.	
				Equipment	Total
				Incinerator:	3000
				Autoclave:	1200
				Deep Burial:	--
9.	Faridabad	Kurukshetra	530	No CBWTF in Kurukshetra region. M/s Rudraksh Enviro Care (P) Ltd., VPO Bhadog, Tehsil, Naraingarh, at Ambala providing the treatment and disposal facility.	
				Equipment	Total
				Incinerator:	1800
				Autoclave:	1800
				Shredder:	1800
	Ballabgarh	Faridabad	439	No CBWTF in Ballabgarh region. M/s Golden Eagle waste management at Faridabad providing the treatment and disposal facility.	
				Equipment	Total
				Incinerator:	1800
				Autoclave:	1800
				Shredder:	1800
	Palwal	Palwal	352	No CBWTF in Palwal region. M/s Golden Eagle waste management at Faridabad providing the treatment and disposal facility.	
				Equipment	Total
				Incinerator:	1800
				Autoclave:	1800
				Shredder:	1800
	Nuh	Nuh	329	No CBWTF in Palwal region. M/s Golden Eagle waste management at Faridabad providing the treatment and disposal facility.	
				Equipment	Total
				Incinerator:	1800
				Autoclave:	1800
				Shredder:	1800

Part 4: Information on Common Bio-medical Waste Treatment & Disposal Facilities (for the previous Year 2023)

S. No.	Name & Address of the CBMWTF with contact person name and telephone No.	GPS Coordinates	Coverage Area in KMS	Name of the cities/ areas covered by CBWTF	Total no. of HCFs being covered	Total no. of beds covered	Total Quantity of BMW collected from member HCFs (in Kg/day)	Capacity of equipments installed by CBWTFs			Total bio-medical waste treated in kg/day	Method of Disposal of treated wastes (Incineration Ash/Sharps/Plastics)
								Equipment	Nos.	Total installed capacity (kg/day)		
1.	Synergy Waste Management Pvt. Ltd., 168, Sec-27-28, HUDA Ind. Area, Hisar	29.067°N, 75.841°E	75 KM	District Hisar	516	7252	2058.66	Incinerator	1	3300 (working 22 hr/day)	2058.66	Incineration Ash: 45 Kg/day Disposed by: GEPIL
								Plasma Pyrolysis	-	-		
								Autoclave	1	6600		Sharps: 245.19 Kg/day Disposed by: The method of making concrete block for encapsulations
								Hydroclave	-	-		
								Microwave	-	-		Plastics: 458.45 Kg/day Disposed by: Master Products India, Delhi
								Shredder	1	11000		
								Sharps encapsulation or concrete pit	1	10		
								Deep burial pits	-	-		ETP Sludge: 2.82 Kg/day
								Any other equipment	0	Needle destroy		

S. No.	Name & Address of the CBMWTF with contact person name and telephone No.	GPS Coordinates	Coverage Area in KMS	Name of the cities/ areas covered by CBWTF	Total no. of HCFs being covered	Total no. of beds covered	Total Quantity of BMW collected from member HCFs (in Kg/day)	Capacity equipments CBWTFs	of installed	Treatment by	Total bio-medical waste treated in kg/day	Method of treated wastes (Incineration Ash/Sharps/Plastics)
2.	Invision Services, Vill. Phulkan, Distt. Sirsa	29.51032, 75.1268480	75 KM approx	District Fatehabad & Kaithal	458	3241	428.72	Equipment	Nos.	Total installed capacity (kg/day)	er	Disposed by: GEPIL
								Effluent Treatment KLD	1	15 KLD		
								Sub-total	5			
								Incinerator	1	2400 (working 16 hr/day)		
								Plasma Pyrolysis	-	-		
								Autoclave	1	4800		Sharps: Quantity: 11.55 Kg/day Disposed by: The method of making concrete block for encapsulations
								Hydroclave	-	-		Quantity: 3.5 Kg/day Disposed by: GEPIL
								Microwave	-	-		Sharps: Quantity: 11.55 Kg/day Disposed by: The method of making concrete block for encapsulations
								Shredder	1	1200		Plastics: Quantity: 51.4 Kg/day Disposed by: Master Products India, Delhi.
								Sharps encapsulation concrete pit	1	Concrete Pit		
								Deep burial	-	-		ETP Sludge:

S. No.	Name & Address of the CBMWTF with contact person name and telephone No.	GPS Coordinates	Coverage Area in KMS	Name of the cities/ areas covered by CBWTF	Total no. of HCFs being covered	Total no. of beds covered	Total Quantity of BMW collected from member HCFs (in Kg/day)	Capacity of equipments installed by CBWTFs			Total bio-medical waste treated in kg/day	Method of wastes disposal (Incineration Ash/Sharps/Plastics)
								Equipment	Nos.	Total installed capacity (kg/day)		
3	Surya Waste Management, Sahuwala Road, Vill. Chadiwal, Distt. Sirsa	29.067, 75.841	90-100 Km approx	Fatehabad & Sirsa	437	4021	541	pits			541	Quantity: 0.4 Kg/day Disposed by: GEPIL
								Any other equipment	-	-		
								Effluent Treatment Plant KLD	1	5 KLD		
								Sub-total	5			
								Incinerator	1	2400 (working 16 hr/day)	541	Incineration Ash: 11.7 kg/day Disposed by: GEPIL
								Plasma Pyrolysis	-	-		
								Autoclave	1	4800		
								Hydroclave	-	-		Sharps: Quantity: 2 Kg/day Disposed by: The method of making concrete block for encapsulations

S. No.	Name & Address of the CBMWTF with contact person name and telephone No.	GPS Coordinates	Coverage Area in KMS	Name of the cities/ areas covered by CBWTF	Total no. of HCFs being covered	Total no. of beds covered	Total Quantity of BMW collected from member HCFs (in Kg/day)	Capacity equipments installed by CBWTFs	Equipment	Nos.	Total installed capacity (kg/day)	Total bio-medical waste treated in kg/day	Method of disposal of wastes (Incineration Ash/Sharps/Plastics)
									Microwave	-	-		Plastics: Quantity: 152.8 kg/day Disposed by: Sita Ram Plastic, Delhi.
									Shredder	1	1200		
									Sharps encapsulation concrete pit	1	Concrete Pit		
									Deep burial pits	-	-		ETP Sludge: Quantity: 1.25 kg/day Disposed by: GEPIL
									Any other equipment	-	-		
									Effluent Treatment Plant KLD	1	5 KLD		
									Sub-total	5			

4	Biotic Management Ltd. Damdama Road Bhondsia, Manesar, Gurgaon (S) Kuldeep Singh Panwar 9818586688	28.4334°N 76.9923°E	80 Km	Rewari & Gurgaon	1736	11065	8060.8	Incinerator	1	10000 (working 20 hr/day)	8060.8 8	Incineration Ash. Quantity: 91030 kg/Annum Disposed By: GEPIL TSDF
								Plasma Pyrolysis	0	0		
								Autoclave	2	10000		Sharp Quantity: 175225 kg/Annum Disposed By: Goyal, Glassware, Firozabad
								Hydroclave	0	0		
								Microwave	0	0		Plastic Quantity 865494 kg/ Annum Disposed By. Delhi Scrap Management
								Shredder	2	12000		
								Sharps encapsulated on concrete pit	0	0		
								Deep burial pits	0	0		ETP Sludge Quantity: 118.80 kg/ Annum Disposed By: GEPIL TSDF
								Any other equipment	0	0		
								Effluent Treatment Plant KLD	0	15 KLD		
								Sub-total	5	0		

5	M/s S.D Bio Medical Waste Management Co. Vill-Baland, Distt. Rohtak.	Latitude-28.38095134 Longitude-76.5779272	75	Distt. Jhajjar & Rohtak	641	7257	1957.843	Equipment	Numbers	Total installed capacity (kg/day)	1957.843		
								Incinerator	1	2400 (working 16 hr/day)	1957.843		Incineration Ash: Landfill Quantity:58.60 kg/day Disposed By-GEPIL
								Plasma Paralysis	0	0			
								Autoclave	1	1000			Sharps : For encapsulation Quantity : 3.67 Kg/day Disposed By-CBWTF
								Hydroclave	0	0			
								Microwave	0	0			Plastics: For recycling Quantity: 331.65 kg/day Disposed By Authorized recycler
								Shredder	1	1000			
								Sharps encapsulation or concrete pit	1	5			
								Deep burial pits	0	0			ETP Sludge: For landfill Quantity: 2 kg/day Disposed by: GEPIL
								Any Other equipment	0	0			

									Effluent Treatment plant	1	2.5 KLD			
									Sub-total	5	-			
									Equipment	Number	Total installed capacity - kg/day			
									Incinerator	1	1680 (workin g 16 hr/day)		1071.7	Incineration Ash: Quantity: 10355 Kg Disposed by: GEPIIL
									Plasma Pyrolysis	0	0			
									Autoclave	1	600			Sharps: Quantity: 29492 Kg Disposed by: Authorized Vendor And Sharp Pit
									Hydroclave	0	0			
									Microwave	0	0			
									Shredder	1	1200			Plastics: Quantity: 54750 Kg Disposed by: Authorized Vendor
									Sharps encapsulation or concrete pit	0	0			0

7	Divya Waste Management Co., VPO Kandela, District Jind, Sh. Ishwar Gulia, Mob No. 94165-28174	GPS ordinates = 29.1233 76.4167	130 KM	Sonapat, Jind	698	6549	781	Deep burial pits	0	0	Total bio-medical waste treated in kg/day	Method of disposal of treated wastes (Incineration Ash/Sharps/Plastics)	ETP Sludge: Quantity: 905 Disposed by: GEPIL
								Any other equipment	0	0			0
								Effluent Treatment Plant	1	3.5 KLD			
								Equipment	Numbers	Total installed capacity (kg/day)			
								Incinerator	1	2400 (working 16 hr/day)	781	Incineration Ash: Quantity: 8 kg/day Disposed by: GEPIL	Sharps: Quantity: 1 kg/day Disposed by: R.S. ENTERPRISES U.P. Plastics: Quantity: 29 kg/day Disposed by: R.S. ENTERPRISES U.P.
								Plasma Paralysis					
								Autoclave	1	720			
								Hydroclave					
								Microwave	-	-			
								Shredder	1	2400			
								Sharps encapsulation or concrete pit		0			

8	Maruti Bio Medical Waste, Village Hetampura, Bhiwani, Sh. KanshiRam, Mob No. 98126-79722	NA	1899 Km ²	Mohinder garh, Ch. Dadri & Bhiwani	466	5998	674	Any Other equipment	Effluent Treatment plant	01	4.5 KLD	674	Incinerator Ash= 7 Kg/day Through GEPIL Faridabad, Autoclave = 28 Kg/day Through Salasar Udyog, I.A., Bhiwani Sharps encapsulation or concrete pit = Through R.S. Product, Khanak, Bhiwani ETP = 3 Kg/day Disposed by GEPIL
								Equipment		Numb ers	Total installed capacity (kg/day)		
								Incinerator		01	2400 (working 16 hr/day)		
								Plasma Paralysis		0	0		
								Autoclave		1	720		
								Hydroclave		0	0		
								Microwave		0	0		
								Shredder		1	2400		
								Sharps encapsulati on or concrete pit		1	5		
								Deep burial pits		0	0		
								Any Other equipment		0	0		
								Effluent Treatment plant		1	5 KLD		

9	M/s Ess Kay Hygienic Services, VPO Bagwala, Tehsil Barwala, Distt. Panchkula Mr. P.A. Samuel Contact No. 09671155525	YES	70 K.M redious	Yamuna Nagar Panchkula	647	4802	2895.7	Equipment	Numbers	Total installed capacity (kg/day)	2895.7	
								Incinerator	1	3000(working 20 hr/day)	Incineration Ash: Quantity: 12815 Kg/Annum Disposed by: GEPIL	
								Plasma Paralysis	0	0	0	
								Autoclave	1	300	Sharps: Quantity: 9599.5 Kg/ Annum Disposed by: Deep burial pit.	
								Hydroclave	0	0	0	
								Microwave	0	0	Plastics: Quantity: 204473 Kg/ Annum Disposed by: send to vendor register recycler	
								Shredder	1	6000	0	
								Sharps encapsulation or concrete pit	1	26	0	
								Deep burial pits	Nil		ETP Sludge: Quantity: 1820kg/Annum Disposed by: GEPIL	
								Any Other equipment	0	0	0	
								Effluent Treatment plant	1	4 KLD		

10	M/s Rudraksh Enviro Care (P) Ltd., VPO Bhadog, Tehsil Naraingarh, Ambala Puneet Chawla , 9416095766	Yes N30*24'10.29 6'' E76*55'39.02''	60 KM	Ambala & Kurukshetra	416	6526	2194	Equipment	Numbers	Total installed capacity (kg/day)	2194	Incineration ash):2185 Kg/day Quantity Disposed by : GEPIL
Incinerator								01	150 kg/Hr (3000 Kg/Day for 20 operational Hours)			
Plasma Paralysis								0	0			
Autoclave								01	1200			
Hydroclave								0	0			
Microwave								0	0			
Shredder								01	250 kg/hr (5000 Kg/Day for 20 operational Hours)			
Sharps encapsulation or concrete pit								01 concrete pits	8 Cubic feet			
Deep burial pits								0	0			
Any Other equipment								0	0			
Effluent Treatment plant								1	5 KLD			
												Dispose off by: Deep Burial pit Quantity Disposed by Plastics: Quantity: Disposed by: Send to vendor Register Recycler
												ETP sludge Quantity : 77.08 Kg/Month Disposed by GEPIL

11	M/s Golden Eagle Waste Management, Faridabad Raman kumar, 0129- 4009871	Longitude – 28.25’48.00 Latitude – 77.19’12.00	65 Kms	Faridabad Ballabgarh palwal and mewat	1156	11693	2286	Equipment	Numbers	Total installed capacity Kg/day		
								Incinerator	1	1800 (working 18 hr/day)	2286	Incineration Ash: Quantity: 80 Kg/day Disposed By - TSDF
								Plasma Paralysis	NA	NA		
								Autoclave	1	1800		Sharps : sharp pit Quantity :80 Kg/day Disposed By : sharp pit
								Hydroclave	NA	NA		
								Microwave	NA	NA		Plastics: Plastic/Red/Blue Quantity :800 Kg/day Disposed By: Sent to Auth. Recycler
								Shredder	1	1800		
								Sharps encapsulation or concrete pit	1	8’ * 8’		
								Deep burial pits	NA	NA		ETP Sludge: Quantity: 2 Kg/day Disposed by: GEPL (TSDF)
								Any Other equipment	NA	NA		
								Effluent Treatment plant	1	3 KLD		
								Sub Total	5	NA		

*Total no. of HCFs utilized CBWTFs (provided sum at the end of table 4; information of CBWTFs) - 8032

Sr. no.	Particulars	Total
1.	Total No. of transportation vehicles used for collection of Bio-medical Waste on daily basis by the CBMWTF	128
2.	List of HCFs not having membership with the CBWTFs & neither having captive treatment facilities	0
3.	No. of trainings organized by the CBMWTF operators	143
4.	No. of Accidents reported by the CBMWTF	0