

---

**HARYANA STATE POLLUTION CONTROL BOARD**  
**C-11, SECTOR-6, PANCHKULA**  
Website – [www.hspcb.gov.in](http://www.hspcb.gov.in)  
E-Mail : [hspcbho@gmail.com](mailto:hspcbho@gmail.com)  
Ph:0172-2577870-873

---

**HSPCB//255203/2024**

**Date:- 30.07.2024**

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 2023..**

Kindly refer to the subject noted above.

In this connection, I have been directed to enclose herewith the Annual Report for the year 2023 under Bio Medical Waste Management Rules, 2016 for information and further necessary action please.

**DA/as above**

  
Env. Engineer (HQ)  
For Chairman

**CC:**

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

1. Sr. Environmental Engineer (IT) HSPCB for uploading the Annual Report on the website of the Board.
2. Nodal Officer, E-Sanyojan, HSPCB for uploading the Annual Report on the E-Sanyojan Portal of CPCB.

**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 31<sup>st</sup> July of every year for the period from January to December of the preceding calendar year (2023).**

<b>Sr. no.</b>	<b>Particulars</b>	<b>Total</b>
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. 9812284704 E-mail : hspcb-solidwaste@gmail.com
3.	Total No. of Health Care Facilities/ Occupiers	7647
I.	Bedded Hospital & Nursing Home (bedded)	3708
II.	Clinics, Dispensaries	2350
III.	Veterinary institutions	81
IV.	Animal Houses	50
V.	Pathology Laboratories	1160
VI.	Blood Banks	26
VII.	Clinical Establishment	240
VIII.	Research institutions	29
IX.	AYUSH	3
4.	Total No. of Beds	71598
5.	<b>Status of Authorization</b>	
I.	Total No. of Occupiers applied for Authorization	7426
II.	Total No. of Occupiers Granted Authorization	7229
III.	Total No. of application under consideration	43
IV.	Total No. of application rejected	154
V.	Total No. of Occupiers in operation without applying for authorization	221
6.	Quantity of generation Bio Medical Waste Generation (in Kg/day) (Please enclosed District wise Bio-Medical Waste Generation as per Part-2)	22332.963
I.	Bio-medical waste generation by bedded hospital (in kg/day)	16958.897
II.	Bio-medical waste generation by non bedded hospital (in kg/day)	5374.066
III.	Any other	0
7.	<b>Bio-medical waste treatment &amp; disposal</b>	
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
ii.	Number of Common Bio Medical Waste Treatment Facility under construction	0

iii.	Total Bio-medical waste treated in kg/day	22332.963
iv.	Total Bio-medical waste disposed through authorized recycler (in kg/day)	7348.97
8.	<b>Total number of violation by</b>	
i.	Healthcare Facilities (bedded and non bedded)	221
ii.	Common Bio Medical Waste Treatment Facilities	0
iii.	Other (please specify)	0
9.	Show Cause Notice/ direction issued to defaulter	221+ 10 (10 SCN issued to HCF whose authorization has been refused.
i.	Common Bio Medical Waste Treatment Facilities	0
ii.	Other	0
10.	<b>Any other relevant information</b>	
i.	Number of workshop/ trainings conducted during the year	172
ii.	Number of occupiers installed liquid waste treatment facility	456
iii.	Number of captive incinerators complying to the norms -	0
iv.	Number of occupiers organized trainings	451
v.	Number of occupiers constituted bio-medical waste management committees	541
vi.	Number of occupiers submitted Annual Report for the previous calendar year	5298
Vii.	Number of occupiers practicing pretreatment of lab micro biology and bio technology waste	1413
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	
					Equipment	Total
1.	Haryana	Hisar	Hisar	1981.25	Equipment	Total
					Incinerator:	3300
					Autoclave:	6600
					Deep Burial:	-
					Any other	-
					Shedder:	11000
			Fatehabad	272.84	Equipment	Total
					Incinerator:	2400
					Autoclave:	4800
					Deep Burial:	
					Any other	
					Shedder:	1200
			Kaithal	211.02	No CBWTF in Kaithal region M/s Invision Enviro Service at Sirsa providing the treatment and disposal facility at Fatehabad and Kaithal.	
Sirsa	440	Equipment			Total	
		Incinerator:	2400			
		Autoclave:	4800			
		Deep Burial:	-			
		Any other	-			
		Shedder:	1200			
2.		Gurugram (S)	Gurugram (S)	714	Equipment	Total
					Incinerator:	10000
					Autoclave:	10000
					Deep Burial:	-
					Any other	-
					Shedder:	12000
		Dharuhera	Rewari	230	No CBWTF in Rewari region. M/s Biotic at Gurugram (S) providing the treatment and disposal facility.	

		<b>Gurugram (N)</b>	<b>Gurugram (N)</b>	6377	No CBWTF in Gurugram (N) region. M/s Biotic at Gurugram (S) providing the treatment and disposal facility.	
3.		<b>Bahadurgarh</b>	<b>Rohtak</b>	1546.3	Equipment	Total
					Incinerator:	2400
					Autoclave:	1000
					Deep	0
					Burial:	0
					Shredder	1000
		Any Other	ETP-1 (2.5 KLD)			
		<b>Jhajjar</b>	<b>Jhajjar</b>	610.686	No CBWTF in Jhajjar District. M/s S.D Bio Medical Waste at Rohtak providing the treatment and disposal facility.	
4.		<b>Panipat</b>	<b>Panipat</b>	790.767	No CBWTF in Panipat region. M/s Haat Supreme at Karnal providing the treatment and disposal facility	
		<b>Karnal</b>	<b>Karnal</b>	499.8	Equipment	Total
					Incinerator:	1680
					Autoclave:	600
					Deep Burial:	
					Shedder:	1200
Any other	ETP 3.5 KLD/Day					
5.		<b>Kaithal</b>	<b>Jind</b>	226	Equipment	Total
					Incinerator:	2400
					Autoclave:	720
					Deep Burial:	0
					Shredder	2400
		<b>Sonepat</b>	<b>Sonepat</b>	600	No CBWTF in Sonepat region. M/s Divya Waste management, Jind providing the treatment and disposal facility	
		6.		<b>Bhiwani</b>	<b>Bhiwani</b>	302
Incinerator:	2400					
Autoclave:	720					
Shredder:	2400					
	<b>Charkhi Dadri</b>			<b>Charkhi Dadri</b>	250	No CBWTF in Ch. Dadri region. M/s Maruti bio medical waste at Bhiwan providing the treatment and disposal facility.

		<b>Dharuhera</b>	<b>Mahendergarh</b>	214	No CBWTF in Mahendergarh region. M/s Maruti bio medical waste at Bhiwani providing the treatment and disposal facility.	
7.		<b>Panchkula</b>	<b>Panchkula</b>	1984.6	Equipment	Total
					Incinerator:	3600
					Autoclave:	300
					Shredder	6000
					ETP	4 KLD
		<b>Yamuna Nagar</b>	<b>Yamuna Nagar</b>	405.7	No CBWTF in Yamuna Nagar region, M/s Ess Kay Hygienic Services existing at Panchkula region providing the treatment and disposal facility.	
8.		<b>Ambala</b>	<b>Ambala</b>	846	Equipment	Total
					Incinerator:	3000
					Autoclave:	1200
					Deep Burial:	--
					Any other (Shredder)	5 KLD
		<b>Kurukshetra</b>	<b>Kurukshetra</b>	1740	No CBWTF in Kurukshetra region. M/s Rudraksh Enviro Care (P) Ltd., VPO Bhadog, Tehsil, Naraingarh, at Ambala providing the treatment and disposal facility.	
9.		<b>Faridabad</b>	<b>Faridabad</b>	988	Equipment	Total
					Incinerator:	1800
					Autoclave:	1800
					Shredder:	1800
					Any other	ETP 3KLD
		<b>Ballabgarh</b>	<b>Faridabad</b>	442	No CBWTF in Ballabgarh region. M/s Golden Eagle waste management at Faridabad providing the treatment and disposal facility.	
		<b>Palwal</b>	<b>Palwal</b>	341	No CBWTF in Palwal region. M/s Golden Eagle waste management at Faridabad providing the treatment and disposal facility.	
		<b>Nuh</b>	<b>Nuh</b>	320	No CBWTF in Palwal region. M/s Golden Eagle waste management at Faridabad providing the treatment and disposal facility.	



**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 Treatment 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	525	6919	1981.25	Incinerator	1	3300 (working 22 hr/day)	1981.25	Incineration Ash: Quantity: 45 Kg/day Disposed by: GEPIL	
								Plasma Pyrolysis	-	-			Sharps: Quantity: 245.19 Kg/day Disposed by: The method of making concrete block for encapsulations
								Autoclave	1	6600			
								Hydroclave	-	-		Plastics: Quantity: 458.45 Kg/day Disposed by: Master Products India, Delhi	
								Microwave	-	-			
								Shredder	1	11000		ETP Sludge: Quantity: 2.82 Kg/day	
								Sharps encapsulation or concrete pit	1	10			
								Deep burial pits	-	-			
								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 of Treatment 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)		
										er		Disposed by: GEPIL
								Effluent Treatment KLD	1	15 KLD		
								Sub-total	5			
2.	Invision Enviro Services, Vill. Phulkan, Distt. Sirsa	29.51032, 75.1268480	75 KM approx	District Fatehabad & Kaithal	455	3218	385.86	Incinerator	1	2400 (working 16 hr/day)	385.86	Incineration Ash: Quantity: 3.5 Kg/day Disposed by: GEPIL
								Plasma Pyrolysis	-	-		
								Autoclave	1	4800		Sharps: Quantity: 11.55 Kg/day Disposed by: The method of making concrete block for encapsulations
								Hydroclave	-	-		
								Microwave	-	-		Plastics: Quantity: 51.4 Kg/day Disposed by: Master Products India, Delhi.
								Shredder	1	1200		
								Sharps encapsulation or 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 Treatment 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)		
								pits				Quantity: 0.4 Kg/day Disposed by: GEPIL
								Any other equipment	-	-		
								Effluent Treatment Plant KLD	1	5 KLD		
								Sub-total	5			
3	Surya Waste Management, Sahuwala Road, Vill. Chadiwal, Distt. Sirsa	29.067, 75.841	90-100 Km approx	Fatehabad & Sirsa	406	3511	538	Incinerator	1	2400 (working 16 hr/day)	538	Incineration Ash: Quantity: 11.7 kg/day Disposed by: GEPIL
								Plasma Pyrolysis	-	-		
								Autoclave	1	4800		Sharps: Quantity: 2 Kg/day Disposed by: The method of making concrete block for encapsulations
								Hydroclave	-	-		

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 Treatment 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)		
								Microwave	-	-		Plastics: Quantity: 152.8 kg/day Disposed by: Sita Ram Plastic, Delhi.
								Shredder	1	1200		
								Sharps encapsulation or 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	<b>Biotic Waste Management Pvt. Ltd. Damdama Road Bhondsi, Manesar, Gurugram (S) Kuldeep Singh Panwar 9818586688</b>	28.4334°N 76.9923°N	80 Km	Rewari & Gurugram	1711	10590	7321	Incinerator	1	10000 (working 20 hr/day)	7321	Incineration Ash. Quantity: <b>91030</b> 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		
								Shredder	2	12000		Plastic Quantity <b>865494</b> kg/ Annum Disposed By. <b>Delhi Scrap Management</b>
								Sharps encapsulation or concrete pit	0	0		
								Deep burial pits	0	0		ETP Sludge Quantity: <b>118.80</b> kg/ Annum Disposed By: GEPIL TSDf
								Any other equipment	0	0		
								Effluent Treatment Plant KLD	0	15 KLD		
Sub-total	5	0										

5	<b>M/s S.D Bio Medical Waste Management Co. Vill-Baland, Distt. Rohtak</b>	Latitude- 28.38095134 Longitude- 76.5779272	75	Distt. Jhajjar & Rohtak	618	6717	2156.986	Equipment	Numbers	Total installed capacity (kg/day)	2156.986	Incineration Ash: Landfill Quantity:58.60 kg/day Disposed By-GEPIL	
								Incinerator	1	2400 (working 16 hr/day)			Sharps : For encapsulation Quantity : 3.67 Kg/day Disposed By- CBWTF
								Plasma Paralysis	0	0			
								Autoclave	1	1000			Plastics: For recycling Quantity: 331.65 kg/day Disposed By Authorized recycler
								Hydroclave	0	0			
								Microwave	0	0			
								Shredder	1	1000			ETP Sludge: For landfill Quantity: 2 kg/day Disposed by: GEPIL
								Sharps encapsulation or concrete pit	1	5			
								Deep burial pits	0	0			
								Any Other equipment	0	0			

								Effluent Treatment plant	1	2.5 KLD		
								Sub-total	5	-		
6	M/s Haat Supreme Wastech (P) Ltd., Vill. Bazida Jattan, Near Railway Crossing, Karnal, 9992715000, 9992600126	29.635912  76.957823	60 K.M redious	Karnal & Panipat	616	7851	1290.567	Equipment	Number	Total installed capacity - kg/day		
								Incinerator	1	1680 (working 16 hr/day)	1290.567	Incineration Ash: Quantity: 10355 Kg Disposed by: GEPIL
								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 Disposed by: Authorized Vendor
								Sharps encapsulation or concrete pit	0	0		0

								Deep burial pits	0	0		ETP Sludge: Quantity: 905 Disposed by: GEPIL
								Any other equipment	0	0		0
								Effluent Treatment Plant	1	3.5 KLD		
7	<b>Divya Waste Management Co., VPO Kandela, District Jind, Sh. Ishwar Gulia, Mob No. 94165-28174</b>	GPS Co-ordinates = 29.1233 76.4167	130 KM	Sonepat, Jind	691	4400	826	Equipment	Numbers	Total installed capacity (kg/day)	Total bio-medical waste treated in kg/day	Method of Disposal of treated wastes (Incineration Ash/Sharps/Plastics)
								Incinerator	1	2400 (working 16 hr/day)	826	<b>Incineration Ash: Quantity: 8 kg/day Disposed by: GEPIL</b>
								Plasma Paralysis				
								Autoclave	1	720		<b>Sharps: Quantity: 1 kg/day Disposed by: M/S R.S. ENTERPRISES U.P.</b>
								Hydroclave				
								Microwave	-	-		<b>Plastics: Quantity: 29 kg/day Disposed by: M/S R.S. ENTERPRISES U.P.</b>
								Shredder	1	2400		
								Sharps encapsulation or concrete pit		0		

								Any Other equipment				
								Effluent Treatment plant	01	4.5 KLD		
8	<b>Maruti Bio Medical Waste, Village Hetampura, Bhiwani, Sh. KanshiRam, Mob No. 98126-79722</b>	NA	1899 Km <sup>2</sup>	Mohinder garh, Ch. Dadri & Bhiwani	481	6521	766	Equipment	Numbers	Total installed capacity (kg/day)	766	Incinerator Ash= 7 Kg/day Through GEPIL Faridabad,
								Incinerator	01	2400 (working 16 hr/day)		Autoclave = 28 Kg/day Through Salasar Udyog, I.A., Bhiwani
								Plasma Paralysis	0	0		
								Autoclave	1	720		
								Hydroclave	0	0		
								Microwave	0	0		
								Shredder	1	2400		
								Sharps encapsulation or concrete pit	1	5		Sharps encapsulation or concrete pit = Through R.S. Product, Khanak, Bhiwani
								Deep burial pits	0	0		ETP = 3 Kg/day Disposed by GEPIL
								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	622	4618	2390.3	Equipment	Numbers	Total installed capacity (kg/day)		
								Incinerator	1	3000(working 20 hr/day)	2390.3	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	404	5937	2586	<b>Equipment</b>	<b>Numbers</b>	<b>Total installed capacity (kg/day)</b>	2586	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	1118	11316	2091	Equipment	Numbers	Total installed capacity Kg/day		
								Incinerator	1	1800 (working 18 hr/day)	2091	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: GEPIL (TSDF)
							Any Other equipment	NA	NA			
							Effluent Treatment plant	1	3 KLD			
							Sub Total	5	NA			

<b>Sr. no.</b>	<b>Particulars</b>	<b>Total</b>
1.	Total No. of transportation vehicles used for collection of Bio-medical Waste on daily basis by the CBMWTF	92
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	121
4.	No. of Accidents reported by the CBMWTF	0