

MEMPL/BMW-ER/WBPCB/AR/25-26/016

29.05.2025

The Sr. Asst. Engineer – BMW,
West Bengal Pollution Control Board,
Paribesh Bhawan,
10A, Block-LA, Sector III,
Salt Lake City, Kolkata – 700106.

Subject: Submission of Form – IV-A under Sec Rule 13(2) for the Year 2024 – Howrah, Kalyani & Durgapur Unit (CBWTF)

Respected Sir,

We are hereby submitting the **Form – IV-A** for the year 2024 for our **Common Bio-Medical Waste Treatment Facility (CBWTF)** located at **Howrah, Kalyani & Durgapur** as required under the Bio-Medical Waste Management Rules, 2016.

We sincerely apologize for the delay in submission of the return, which was unintentional and occurred due to unavoidable internal processing delays. We assure you that we are taking steps to ensure timely submission in the future.

We would also like to bring to your kind notice that during this reporting period, **bio-medical waste was transferred to another authorized CBWTF** facility, in accordance with the guidelines issued under the BMW Rules. This was done to maintain uninterrupted services and ensure proper treatment and disposal of waste in an environmentally compliant manner.

We request you to kindly accept the annual return and oblige.

Thanking you for your continued guidance and support.

Yours Sincerely,

For Medicare Environmental Management Pvt. Ltd.



Authorised Signatory

Medicare Environmental Management Private Limited
(A Subsidiary of Re Sustainability Limited)

CIN No. U24117TG1997PTC026555

Registered Office:

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Form IVA

[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 Boards or Pollution Control Committees and Director General Armed Forces 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)

Part-1 (Summary of Information)

(1) **Name of the Organization:** West Bengal Pollution Control Board

(2) **Name of the Nodal Officer with contact telephone number and e-mail:**

(3) **Total no. of Health Care Facilities / Occupiers:** Active .

(i) Bedded Hospitals and Nursing Homes (bedded) :	628 (H), 749 (K), 299 (D)
(ii) Clinics, dispensaries:	Total non-bedded units: 1500 (H), 1334 (K), 718 (D)
(iii) Veterinary institutions:	
(iv) Animal houses:	
(v) Pathological laboratories:	
(vi) Blood banks:	
(vii) Clinical establishment:	
(viii) Research Institutions:	
(ix) AYUSH	

(4) **Total no. of beds:** 36,123 (H), 31,871 (K), 16,632 (D)

(5) **Status of authorization:**

(i) Total number of Occupiers applied for authorization:

(ii) Total number of Occupiers granted authorization:

(iii) Total number of application under consideration:

(iv) Total number of applications rejected:

(v) Total number of Occupiers in operation without applying for authorization:

(6) **Quantity of Bio-medical Waste Generation (in kg/day):**

(Please enclose District Wise Bio-medical Waste Generation as per Part-2)- Annexure A

(i) **Bio-medical waste generation by bedded hospitals (in kg/day):** 6,532 (H), 6,316 (K), 4,423 (D)

(ii) **Bio-medical waste generation by non-bedded hospitals (in kg/day):** 4,224 (H), 1,542 (K), 790 (D)

(iii) **Any other:**

(7) Bio-medical waste treatment and disposal

(a) By Captive bio-medical waste treatment and disposal by Health Care Facilities (please enclose details as per Part-3):

(i) Number of Health Care Facilities having captive treatment and Disposal facilities:

(ii) Total bio-medical waste treated and disposed by captive treatment facilities in kg/day:

(b) Bio-medical waste treatment and disposal by Common Bio Medical Waste Treatment Facilities (please enclose details as per Part 4):

Howrah	2384050	Including 154910 kgs incinerable BMW transferred to Medicare Durgapur Unit.
Kalyani	2305256	Including 478530 kgs incinerable BMW transferred to WBWML & 74960 Kgs to Medicare Durgapur Unit.
Durgapur	1614705	Including incinerable BMW received 154910 kgs from Medicare Howrah & 74960 Kgs from Medicare Kalyani Unit.

(i) Number of Common Bio Medical Waste Treatment Facilities in Operation : 01(D), 01(H), 01(K)

(ii) Number of Common Bio Medical Waste Treatment Facilities under construction:

(iii) Total bio-medical waste treated in kg/day: 10,756 (H), 7,858 (K), 5,213 (D)

(iv) Total treated bio-medical waste disposed through authorized recyclers (in Kg/day): 4,224 (H), 1,542 (K), 790(D)

(8) Total no. of violation by:

(i) Health Care Facilities (bedded and non-bedded):

(ii) Common Bio Medical Waste Treatment Facilities:

(iii) Others (please specify):

(9) Show cause notices/directions issued to defaulters:

(i) Health Care Facilities (bedded and non-bedded):

(ii) Common Bio Medical Waste Treatment Facilities: 03(Howrah,Kalyani & Durgapur)

(iii) Others:

(10) Any other relevant information:

(i) Number of workshops / trainings conducted during the year: 167 (H), 217 (K), 485 (D)

(ii) Number of occupiers installed liquid waste treatment facility:

(iii) Number of captive incinerators complying with the norms:

(iv) Number of occupiers organized trainings:

(v) Number of occupiers constituted Bio-medical Waste Management Committees:

(vi) Number of occupiers submitted Annual Report for the previous calendar year:

(viii) Number of Common Bio Medical Waste Treatment Facilities that have installed Continuous Online Emission Monitoring Systems: 01(D), 1(K)

Sl. No.	Name of the State / Union Territory	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
01	West Bengal	Howrah	Equipment	Total
02		Kalyani	Incinerator: 5000(H), 4800(K)	
03		Mangalpur(Durgapur)	5500(D),	
			Autoclave: 2500(H), 2800(K), 2000(D),	
			Deep	
			Burial:	
			Any other: Shredder	
			1400(H), 1440(K), 1400(D)	

[illegible]

Part 4: Information on Common Bio-Medical Waste Treatment and Disposal Facilities
(for the previous calendar Year 2024)-

Sl No.	Name and Address of the Common Bio Medical Waste Treatment Facilities with contact person name and telephone number	GPS Coordinates	Coverage Area in KMS	Name of the cities/ areas covered by Common Bio-Medical Waste Treatment Facilities	Total number of Health Care Facilities being Covered	Total number of beds covered	Total Quantity of Bio-Medical Waste collected from member Health Care Facilities (in Kg/day)	Capacity of Treatment equipments installed by Common Bio Medical Waste Treatment Facilities			Total Bio-Medical waste treated in kg/day	Method of Disposal of treated wastes (Incineration Ash/Sharps/Plastics)
								Equipment	Numbers	Total installed capacity (kg/day)		
1	Medicare Environmental Management Pvt. Ltd. Mangalpur, Paschim Burdwan	23.624 608 Latitude 87.139 601 Longitude	150	Purba & Paschim Burdwan, Purulia, Bankura, Birbhum	1017	16632	5213	Incinerator	02(D), 02(H), 01(K)	5500(D) 5000(H) 5000(K)		Incineration Ash: Quantity: 360790 kgs (H), 184160 kgs (K), 174930 kgs(D) Disposed by: TSDF : WBWML
								Plasma Pyrolysis				
								Autoclave	02(D)* 01(H) 01(K)	2000(D) 2500(H) 2500(K)		
2	Medicare Environmental Management Pvt. Ltd. Belgachia, Howrah	22.607 683 Latitude 88.326 411 Longitude	150	Howrah, Kolkata, 24 Pgs.(s)	2128	36123	10756	Hydroclave				Sharps: Quantity: 616712 kgs (H), 225106 kgs (K), 119212 kgs(D) Disposed by: Encapsulation & TSDF
								Microwave				
								Shredder	02(D) 02(H) 01(K)	1400(D) 1400(H) 600(K)		
3	Medicare Environmental Management Pvt. Ltd. Kalyani, Nadia	22.976 72 Latitude 88.443 67 Longitude	150	Murshidabad, Nadia, Hooghly, 24 Pgs. (N)	2083	31871	7858	Sharps encapsulation or concrete pit				Plastics: Quantity: 925068 kgs (H), 337658 kgs (K), 178818 kgs(D) Disposed by: Authorized Recycler
								Deep burial Pits				
								Any other Equipment				
								Effluent Treatment Plant	01(D) 01(H) 01(K)	180(D) 120(H) 160(K) KLD		
								Sub Total				

(a) Total Number of transportation vehicles used for collection of Bio-medical Waste on daily basis by the Common Bio-Medical Waste Treatment Facilities: 26 (H), 22 (K), 17 (D)

(b) List of Health Care Facilities not having membership with the Common Bio-Medical Waste Treatment Facilities and neither have captive treatment facilities:

(c) Number of trainings organized by the Common Bio-Medical Waste Treatment Facility operators: 167 (H), 217 (K), 485(D)

(d) Number of Accidents reported by the Common Bio Medical Waste Treatment Facilities: NIL

Part 2: District-wise Bio-medical Waste Generation (for the previous calendar year 2024)

Bio-Medical waste Generation (for the previous calendar year 2024)						
Sl. No.	State	CBWTF Unit	District	BMW Generation per day		Existing total bio-medical waste treatment capacity (both captive and CBMWTF) in kg/day
1	West Bengal	Howrah	Howrah	Incin	959.93	959.93
				Auto	1085.48	1085.48
				Deep Burial	0	0
				Any Other	0	0
2			Kolkata	Incin	2914.37	2914.37
				Auto	3791.93	3791.93
				Deep Burial	0	0
				Any Other	0	0
3			South 24 Pgs	Incin	987.21	987.21
				Auto	1016.78	1016.78
				Deep Burial	0	0
				Any Other	0	0
4		Kalyani	Murshidabad	Incin	558.02	558.02
				Auto	250.50	250.50
				Deep Burial	0	0
				Any Other	0	0
5			Nadia	Incin	1086.03	1086.03
				Auto	370.18	370.18
				Deep Burial	0	0
				Any Other	0	0
6	Hooghly		Incin	1348.87	1348.87	
			Auto	665.57	665.57	
			Deep Burial	0	0	
			Any Other	0	0	
7	24 Pgs (N)		Incin	2581.21	2581.21	
			Auto	997.21	997.21	
			Deep Burial	0	0	
			Any Other	0	0	
8	Durgapur	Paschim Bardhaman	Incin	1284.64	1284.64	
			Auto	662.17	662.17	
			Deep Burial	0	0	
			Any Other	0	0	
9		Purba Bardhaman	Incin	940.31	940.31	
			Auto	438.52	438.52	

10			Birbhum	Deep Burial	0	0	
				Any Other	0	0	
				Incineration	800.35	800.35	
				Auto	353.02	353.02	
				Deep Burial	0	0	
				Any Other	0	0	
11			Bankura	Incineration	478.08	478.08	
				Auto	157.56	157.56	
				Deep Burial	0	0	
				Any Other	0	0	
				Purulia	Incineration	77.28	77.28
					Auto	21.56	21.56
Deep Burial			0		0		
Any Other			0		0		