

MEMPL/WBPCB/AR-DUR/22-23/026

12.05.2022

The Chief Engineer (WMC),
West Bengal Pollution Control Board,
Paribesh Bhavan,
10A, Block LA, Sector III,
Salt Lake, Kolkata – 700098

Sub: **Submission of Form IV (BMW Annual Report) of Mangalpur facility for the year of 2021**

Dear Sir,

We are pleased to submit herewith, the BMW annual report of our Mangalpur facility in prescribed format as Form IV, for the period of January'21 to December'21.

Thanking you,

Yours faithfully,
For Medicare Environmental Management Pvt. Ltd.



Snehangshu Chakraborty
Deputy General Manager
M: +91 9831962869
E: snehangshu@resustainability.com

RECEIVED

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W.B.P.C.B.

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)	:	Mr. Snehangshu Chakraborty
	(ii) Name of HCF or CBMWTF	:	Medicare Environmental Management Pvt. Ltd.
	(iii) Address for Correspondence	:	Regional Office: 41, F- Road Belgachia, Howrah- 711 105
	(iv) Address of Facility	:	Mouza: Mangalpur, Touzi No: 19, Manbhum, Dag No: 457(P), 458(P), 478(P), JL No: 22, PS: Raniganj, District: Paschim Burdwan, Pin: 713347
	(v) Tel. No, Fax. No	:	033- 2651 3890 / 2651 6207
	(vi) E-mail ID	:	snehangshu@resustainability.com
	(vii) URL of Website	:	www.medicareenviro.com
	(viii) GPS coordinates of HCF or CBMWTF	:	23.624608 Latitude 87.139601 Longitude
	(ix) Ownership of HCF or CBMWTF	:	Private Limited
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Authorization No.: 33/2S(BM)-2120/2007 , valid up to 31.12.2022
	(xi). Status of Consents under Water Act and Air Act	:	CTO valid up to: 31.12.2022
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	NA
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	NA
	(iii) License number and its date of expiry	:	NA
3.	Details of CBMWTF	:	
	(i) Number healthcare facilities covered by CBMWTF	:	1630
	(ii) No of beds covered by CBMWTF	:	14978
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	7500 kg / day

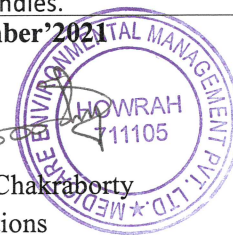
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	8505.00 kg/day																																
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category: 2731568 kg/annum Red Category: 294104 kg/annum White Category: 11646 kg/annum Blue Category: 67007 kg/annum General Solid waste: Nil																																
5	Details of the Storage, treatment, transportation, processing and disposal facility																																		
	(i) Details of the on-site storage facility	:	Size: 2 acres facility, Storage shed 14'X42' Waste storage capacity: 16000 kgs Provision of on-site storage: (cold storage or any other provision) Covered with Shed																																
	(ii) Details of the treatment or 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/day</th> </tr> </thead> <tbody> <tr> <td colspan="4">Incinerator</td> </tr> <tr> <td colspan="4">02 nos. (5500 kg/day) (01 no. as Standby)</td> </tr> <tr> <td colspan="4">Autoclaves</td> </tr> <tr> <td colspan="4">02 nos. (2000 kg/day) (Old one non-operational)</td> </tr> <tr> <td colspan="4">Shredder1 - 60kg/hr (600 Kg/day)</td> </tr> <tr> <td colspan="4">Shredder2 - 80kg/hr (800 Kg/day)</td> </tr> <tr> <td colspan="4">Chemical disinfection: By 1%-2% NaOCL Solution</td> </tr> </tbody> </table>	Type of treatment equipment	No of units	Capacity kg/day	Quantity treated or disposed In kg/day	Incinerator				02 nos. (5500 kg/day) (01 no. as Standby)				Autoclaves				02 nos. (2000 kg/day) (Old one non-operational)				Shredder1 - 60kg/hr (600 Kg/day)				Shredder2 - 80kg/hr (800 Kg/day)				Chemical disinfection: By 1%-2% NaOCL Solution			
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	(iii) Quantity of recyclable wastes sold to authorize recyclers after treatment in kg per annum.	:	Red Category (like plastic, glass etc.) 365095.55 kgs.																																
	(iv) No. of vehicles used for collection and transportation of Bio-medical waste	:	Tata Ace/Super Ace - 14 nos. Tata 407/410 - 08 no (02 nos. are proposed as scrap)																																
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	240065 kg. Incin. Ash (37.2) and 87880 kg. ETP sludge(35.3) generated & 324130 kg disposed at group TSDF WBWML at Haldia & Saltora																																

	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of.	:	Medicare Environmental Management Pvt. Ltd.
	(vii) List of member HCF not handed over bio-medical waste.		568
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period		Yes
7	Details trainings conducted on BMW		
	(i) Number of trainings conducted on BMW Management.		403
	(ii) number of personnel trained		1738
	(iii) number of personnel trained at the time of induction		All
	(iv) number of personnel not undergone any training so far		-
	(v) whether standard manual for training is available?		Yes
	(vi) any other information)		-
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 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?		Yes. NA
	Details of Continuous online emission monitoring systems installed		Model No.: ATS 208A Parameter: O ₂ , CO ₂ , CO, SPM, Primary & Secondary Temperature
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		ETP having chemical and Biological process
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 01
12	Any other relevant information	:	Incinerator1 consists of Wet Quencher, Wet Ventury, Wet Scrubber, Moisture Separator as APCD, Incinerator2 (DSS) consists of Cooling tower, Neutralization Unit, Filtration unit having ceramic candles.

Certified that the above report is for the period from January'2021 to December'2021

Date: 12.05.2022
Place: Howrah

Snehangshu Chakraborty
DGM-Operations



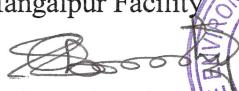
FORM – I
[(See rule 4(o), 5(i) and 15 (2))]

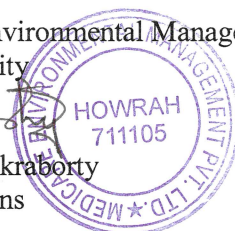
ACCIDENT REPORTING

- | | |
|--|-----|
| 1. Date and time of accident: | NIL |
| 2. Type of Accident: | NA |
| 3. Sequence of events leading to accident: | NA |
| 4. Has the Authority been informed immediately: | NA |
| 5. The type of waste involved in accident: | NA |
| 6. Assessment of the effects of the
Accidents on human health and the environment: | NA |
| 7. Emergency measures taken: | NA |
| 8. Steps taken to alleviate the effects of accidents: | NA |
| 9. Steps taken to prevent the recurrence of such an accident: | NA |
| 10. Does your facility have an Emergency Control policy? If yes, give details:
Emergency Preparedness Policy as per ISO Standard. | |

Date: 12.05.2022
Place: Howrah

For Medicare Environmental Management Pvt. Ltd.
Mangalpur Facility


Snehangshu Chakraborty
DGM - Operations



Medicare Environmental Management Pvt. Ltd.
Mangalpur Facility

MINUTES OF THE MEETING


BMW Committee:

DATE: 12.12.2021

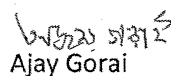
1. Mr. Gouranga Bera (Asst. Plant Manager)
2. Mr. Taraknath Banerjee (Fleet – Incharge)
3. Mr. Ajay Gorai (Plant supervisor)
4. Mr. Sushil Gope (Store – Incharge)
5. Mr. Radha Kanta Paul (Fleet Assistant)

The following issues are reviewed & discussed:

Sl. No.	Issues Discussed	Review	Responsibility
01	Implementation and monitoring of GPS based collection system	Implemented. Monitoring on regular basis	Mr. Radha Kanta Paul
02	Implementation and Monitoring of QRcode based collection system	Implemented. Monitoring on daily basis	Mr. Radha Kanta Paul
03	To ensure proper washing and disinfection of vehicle after unloading of BMW at plant	Done on regular basis with 1% Sod. Hypo. Solution	Mr. Taraknath Banerjee
04	To ensure proper and safe handling of BMW at site	Periodic training imparted, monitoring on regular basis	Mr. Gouranga Bera
05	To ensure complete incineration of BMW on daily basis	Continuous process	Mr. Ajay Gorai
06	To ensure proper collection of waste within 48 hours	Continuous process	Mr. Taraknath Banerjee
07	To ensure proper disinfection and autoclaving of autoclavable waste collected on daily basis	Done on regular basis	Mr. Ajay Gorai
08	To ensure cleaning and disinfection of floor of main shed, autoclave shed after daily operation along with facility premises	Done on regular basis with 1% Sod. Hypo. Solution wherever required.	Mr. Ajay Gorai
09	To ensure Occupational Health & Safety to every employee during pandemic	Provided PPE on regular basis, Provided PPE kit for collection & treatment of C19 waste	Mr. Gouranga Bera Mr. Taraknath Banerjee
10	To ensure supply of adequate Sanitizer, PPE & PPE Kit to the employees	Done on regular basis	Mr. Sushil Gope
11	Installation of Shower & Eye Sprinkler at a place easy to access during emergency	Vendor to be explored & installed the shower with eye sprinkler by month end	Mr. Gouranga Bera
12	Initiation & Implementation of SED II	Vendor to be explored, Collection of Quotation & Process for PO generation as per SOP	Mr. Gouranga Bera
13	Implementation of Sunshine meeting & Training on LSR	Weekly Sunshine meeting needs to be performed, Quarterly LSR training must be conducted	Mr. Gouranga Bera Mr. Taraknath Banerjee


Gouranga Bera


Taraknath Banerjee


Ajay Gorai


R.K Paul


Sushil Gope

Medicare Environmental Management Pvt. Ltd.
Mangalpur Facility

MINUTES OF THE MEETING

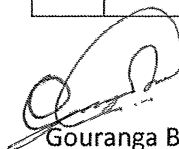
BMW Committee:

DATE: 15.06.2021

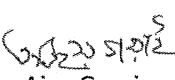
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