

**REPORT ON BIO-MEDICAL WASTE MANAGEMENT FOR THE MONTH OF NOVEMBER, 2023**

Sl. No.	Description	Remarks
1	Contact Address and details of the Healthcare Facility	LGB Regional Institute of Mental Health, Tezpur, Sonitpur, Assam, Pin-784001, Tele No. 03712-232652, fax No.- 03712-233623
2	No. of Beds	336 No.
3	Details of : a) Authorisation under BMW Rules, 2016 b) Consent under Water (Prevention and Control of Pollution) Act, 1974 and Air(Prevention and Control of Pollution) Act, 1981	Applied for, Application no: 444804 dated, 12/03/2021 Previous authorization No: WB/OTWA/BMW-448/18-19/01/170 Authorization No: WB/TEZ/T-2189/22-23/14 dtd. 11/11/22
4	Quantity of bio-medical waste generation (in Kg/day)	9.5 Kg
5	Mode of disposal of bio-medical waste (through CBWTF or through captive treatment facility)	Through captive treatment facility
6	Name and address of the CBWTF through which waste is disposed off (as applicable)	N/A
7	In case, HCF is having captive treatment facility,	
	a) Bio-medical waste treated (in Kg/day)	9.5 Kg
	b) Details of treatment equipment	i) Incinerator ii) Autoclave iii) Shredder iv) Needle Destroyer v) ETP (Effluent Treatment Plant)
c) Total nos. And capacity of each treatment equipment (in Kg/day)	i) Incinerator- 1 No. Capacity: 10-12 Kg/hr ii) Autoclave - 1 No. Capacity : 78 litres iii) Shredder - 1 No. Capacity 50-100 kg iv) Needle Destroyer - 12 Nos. --- v) ETP - 1 No Capacity: 4000 litre/day	

*\$ 08/11/23*



d) Operating parameters of the treatment equipment as per BMWWM Rules, 2016

**1) Incinerator**

Sl. No.	Parameter	Result
i.	SO <sub>2</sub> (ppm)	17.5
ii.	NO <sub>2</sub> (ppm)	37.5
iii.	HCl ( mg/Nm <sup>3</sup> )	29
iv.	CO (ppm)	286
v.	CO <sub>2</sub> %	8.2

**Temperature**  
 Primary Chamber 800° ± 50° C,  
 Secondary Chamber 1000° ± 50° C  
**Height**- 30 meters above from the ground  
**Capacity**- 10-12 Kg/hr

2) **Autoclave: (Gravity flow)**

- i) Monitors steam processes with Geobacillus steartothermophilus spores.
- ii) Steam Indicator tape

8 Monthly records of biomedical waste generation(category wise)

9 No. of trainings conducted on Bio-medical Waste management in the current year

- i) Yellow category : 61.381 kg/month
- ii) Red category : 157.13 kg/month
- iii) White category : 9.293 kg/month
- iv) Blue category : 52.338 kg/month

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