

REPORT ON BIO-MEDICAL WASTE MANAGEMENT FOR THE MONTH OF MARCH, 2021

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.
	Details of:	
3	a) Authorisation under BMWM Rules, 2016	Authorization No: WB/OTWA/BMW-448/18-19/01/170
	b) Consent under Water (Prevention and Control of Pollution) Act, 1974 and Air(Prevention and Control of Pollution) Act, 1981	Authorization No: WB/TEZ/T-1745/18-19/01/1489 Dated 22/01/2019.
4	Quantity of bio-medical waste generation (in Kg/day)	10.13 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
	In case, HCF is having captive treatment facility,	
	a) Bio-medical waste treated (in Kg/day)	10.13 Kg
	b) Details of treatment equipment	i) Incinerator ii) Autoclave iii) Shredder iv) Needle Destroyer v) ETP (Effluent Treatment Plant)
7	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

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

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

1) Incinerator

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)**

Monitors steam processes with Geobacillus stearothermophilus spores

8	<p>Monthly records of biomedical waste generation(category wise)</p> <p>i) Yellow category : 177.786 kg/month ii) Red category : 99.913 kg/month iii) White category : 3.29 kg/month iv) Blue category : 22.723 kg/month</p>
9	<p>No. of trainings conducted on Bio-medical Waste management in the current year</p> <p>19</p>

(Dr. J. V. Phule)
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