

**Report on Bio-medical Waste Management for the month of August, 2019**

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 BMW 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)	4.81 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)	4.81 Kg
	b)Details of treatment equipment	i) Incinerator ii) Autoclave iii) Shredder iv) Needle Destroyer
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 Nos. Capacity -50 -100 kg iv) Needle Destroyer – 12 Nos.

**1) Incinerator**

Sl. No.	Parameter	Result
i.	Sulfur dioxides in mg/Nm <sup>3</sup>	10
ii.	Nitrogen oxides in mg/Nm <sup>3</sup>	34
iii.	HCl in mg/Nm <sup>3</sup>	23
iv.	CO in mg/Nm <sup>3</sup>	776
v.	Combustion Efficiency (C.E)	99.9%

**Temperature**

Primary Chamber 800<sup>0</sup> ± 50<sup>0</sup> C,  
Secondary Chamber 1000<sup>0</sup> ± 50<sup>0</sup> C

**Height**- 30 meters above from the ground

**Capacity**- 10-12 Kg/hr

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

- a) Temperature- 121<sup>0</sup> C
- b) Pressure – 15 Square per inch
- c) Time- 60 minutes

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

- i) Yellow category -35.141 kg/month
- ii) Red category - 94.347 kg/month
- iii) White category- 3.764 kg/month
- iv) Blue category – 11.086 kg/month

8 Monthly records of biomedical waste generation(category wise)

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

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