

Report on Bio-medical Waste Management for the month of January, 2018

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
	Details of :	
3	a) Authorisation under BMW Rules, 2016	Applied for, dated: 25-05-2018 Previous Authorisation No.: WB/OTWA/BMW-201/08-09/14/508 dated 4 <sup>th</sup> July 2009
	b) Consent under Water (Prevention and Control of Pollution) Act, 1974 and Air(Prevention nad Control of Pollution) Act, 1981	Applied for, dated 25-05-2018 Previous Authorisation No.: PC/ROT/LAB-08/2000/557/924 dated 23-03-2011
4	Quantity of bio-medical waste generation (in Kg/day)	1.81
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)	1.81
	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 - 2 Nos. --- 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%

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

Temperature

Primary Chamber 800<sup>o</sup> ± 50<sup>o</sup> C,  
Secondary Chamber 1000<sup>o</sup> ± 50<sup>o</sup> C  
Height- 30 meters above from the ground  
Capacity- 10-12 Kg/hr

2) Autoclave: (Gravity flow)

- Temperature- 121<sup>o</sup> C
- Pressure – 15 Square per inch
- Time- 60 minutes

8 Monthly records of biomedical waste generation(category wise)

- Yellow category – 3.635 kg/month
- Red category – 31.963 kg/month
- White category – 0.70 kg/month
- Blue category – 18.075 kg/month

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

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