

Report on Bio-medical Waste Management for the month of February, 2020

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)	4.49 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)	4.49 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 Nos. Capacity - 50 -100 kg iv) Needle Destroyer - 12 Nos. v) ETP (Effluent Treatment Plant)- 4000 ltr/day

	<p>d) Operating parameters of the treatment equipment as per BMW Rules, 2016</p>	<p>1) Incinerator</p> <table border="1" data-bbox="1189 1332 1420 2049"> <thead> <tr> <th>Sl. No.</th> <th>Parameter</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>i.</td> <td>SO₂ (ppm)</td> <td>17.5</td> </tr> <tr> <td>ii.</td> <td>NO₂ (ppm)</td> <td>37.5</td> </tr> <tr> <td>iii.</td> <td>HCl (mg/Nm³)</td> <td>29</td> </tr> <tr> <td>iv.</td> <td>CO (ppm)</td> <td>286</td> </tr> <tr> <td>v.</td> <td>CO₂ %</td> <td>8.2</td> </tr> </tbody> </table> <p>Temperature Primary Chamber 800° ± 50° C, Secondary Chamber 1000° ± 50° C Height- 30 meters above from the ground Capacity- 10-12 Kg/hr</p> <p>2) Autoclave: (Gravity flow)</p> <p>Monitors steam processes with Geobacillus steartothermophilus spores</p>	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
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8	<p>Monthly records of biomedical waste generation(category wise)</p>	<p>i) Yellow category -18.515 kg/month ii) Red category - 99.385 kg/month iii) White category - 2.186 kg/month iv) Blue category - 14.744 kg/month</p>																		
9	<p>No. of trainings conducted on Bio-medical Waste management in the current year</p>	<p>0</p>																		