

**REPORT ON BIO-MEDICAL WASTE MANAGEMENT FOR THE MONTH OF APRIL, 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 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	<b>Applied For, Application No: 444804,dated-12/03/2021</b> Previous Authorization No: WB/TEZ/T-1745/18-19/01/1489 Dated 22/01/2019.
4	Quantity of bio-medical waste generation (in Kg/day)	6.83 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)	6.83 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

<p>1) <u>Incinerator</u></p> <table border="1" data-bbox="319 212 534 929"> <thead> <tr> <th>Sl. No.</th> <th>Parameter</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>i.</td> <td>SO<sub>2</sub> (ppm)</td> <td>17.5</td> </tr> <tr> <td>ii.</td> <td>NO<sub>2</sub> (ppm)</td> <td>37.5</td> </tr> <tr> <td>iii.</td> <td>HCl ( mg/Nm<sup>3</sup>)</td> <td>29</td> </tr> <tr> <td>iv.</td> <td>CO (ppm)</td> <td>286</td> </tr> <tr> <td>v.</td> <td>CO<sub>2</sub> %</td> <td>8.2</td> </tr> </tbody> </table> <p><b>Temperature</b>  Primary Chamber 800° ± 50° C,  Secondary Chamber 1000° ± 50° C  <b>Height</b>- 30 meters above from the ground  <b>Capacity</b>- 10-12 Kg/hr</p>	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	<p>d) Operating parameters of the treatment equipment as per BMWM Rules, 2016</p>
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<p>2) <u>Autoclave: (Gravity flow)</u></p> <p>Monitors steam processes with Geobacillus stearothermophilus spores</p>	<p>8 Monthly records of biomedical waste generation(category wise)</p>																		
<p>i) Yellow category : 85.384kg/month  ii) Red category : 101.601kg/month  iii) White category : 2.689 kg/month  iv) Blue category : 15.161 kg/month</p>	<p>9 No. of trainings conducted on Bio-medical Waste management in the current year</p>																		

  
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