

Report on Bio-medical Waste Management for the month of July, 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)	1.72
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) In case, HCF is having captive treatment facility,	N/A
	a) Bio-medical waste treated (in Kg/day)	1.72
7	b) Details of treatment equipment	i. Incinerator ii. Autoclave iii. Shredder iv. Needle Destroyer
	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. ----

	<p><b>1. Incinerator</b></p> <table border="1" data-bbox="279 129 502 705"> <thead> <tr> <th>Sl. No.</th> <th>Parameter</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>i.</td> <td>Sulfur dioxides in mg/Nm<sup>3</sup></td> <td>10</td> </tr> <tr> <td>ii.</td> <td>Nitrogen oxides in mg/Nm<sup>3</sup></td> <td>34</td> </tr> <tr> <td>iii.</td> <td>HCl in mg/Nm<sup>3</sup></td> <td>23</td> </tr> <tr> <td>iv.</td> <td>CO in mg/Nm<sup>3</sup></td> <td>776</td> </tr> <tr> <td>v.</td> <td>Combustion Efficiency (C.E)</td> <td>99.9%</td> </tr> </tbody> </table> <p><b>Temperature</b>  Primary Chamber 800<sup>o</sup> ± 50<sup>o</sup> C,  Secondary Chamber 1000<sup>o</sup> ± 50<sup>o</sup> C  <b>Height</b>- 30 meters above from the ground  <b>Capacity</b>- 10-12 Kg/hr</p> <p><b>2. Autoclave: (Gravity flow)</b>  1. Temperature- 121<sup>o</sup>C  2. Pressure – 15 Square per inch  3. Time- 60 minutes</p>	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%	
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d) Operating parameters of the treatment equipment as per BMWWM Rules, 2016																				
8	Monthly records of biomedical waste generation(category wise)	<ul style="list-style-type: none"> <li>i) Yellow category – 9.885 kg/month</li> <li>ii) Red category – 24.09 kg/month</li> <li>iii) White category – 1.380 kg/month</li> <li>iv) Blue category – 16.385 kg/month</li> </ul>																		
9	No. of trainings conducted on Bio-medical Waste management in the current year	3																		

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