

REPORT ON BIO-MEDICAL WASTE MANAGEMENT FOR THE MONTH OF APRIL, 2025

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 BMWM Rules, 2016	Applied for, Application no: 444804 dated, 12/03/2021 Previous 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-2189/22-23/14 dtd. 11/11/22
4	Quantity of bio-medical waste generation (in Kg/day)	8.557 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)	8.557 Kg
7	b) Details of treatment equipment	i) Incinerator ii) Autoclave iii) Shredder iv) Needle Destroyer v) ETP (Effluent Treatment Plant)
	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

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Date: 12/05/2025

	d) Operating parameters of the treatment equipment as per BMWWM Rules, 2016	1) Incinerator <table border="1"> <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> Temperature Primary Chamber 800° ± 50° C, Secondary Chamber 1000° ± 50° C Height- 30 meters above from the ground Capacity- 10-12 Kg/hr 2) Autoclave: (Gravity flow) i) Monitors steam processes with Geobacillus stearothermophilus spores. ii) Steam Indicator tape	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	Monthly records of biomedical waste generation(category wise)	i) Yellow category : 67.442 kg/month ii) Red category : 138.582 kg/month iii) White category : 7.456 kg/month iv) Blue category : 43.236 kg/month																		
9	No. of trainings conducted on Bio-medical Waste management in the current year	32																		

(Dr. J. K Das)
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