# REPORT ON BIO-MEDICAL WASTE MANAGEMENT FOR THE MONTH OF OCTOBER 2026

| 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. |
| 3 | Details of : | |
| | a) Authorisation under BMWM Rules, 2016 | Applied for, Application no: 444804 dated,12/03/2021<br>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) | 9.704Kg |
| 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 |
| 7 | In case, HCF is having captive treatment facility, | |
| | a)Bio-medical waste treated (in Kg/day) | 9.704Kg |
| | b)Details of treatment equipment | i) Incinerator<br>ii) Autoclave<br>iii) Shredder<br>iv) Needle Destroyer<br>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<br>ii) Autoclave – 1 No. Capacity : 10 litres<br>iii) Shredder - 1 No. Capacity 50-100 kg<br>iv) Needle Destroyer – 12 Nos. —<br>v) ETP – 2 No Capacity: 4000 & 2000 litre/day |

<table>
<tr><td></td><td>d) Operating parameters of the treatment equipment as per BMWM Rules, 2016</td><td>1) <u>Incinerator</u><br><table><tr><th>Sl. No.</th><th>Parameter</th><th>Result</th></tr><tr><td>i.</td><td>$SO_2$ (ppm)</td><td>17.5</td></tr><tr><td>ii.</td><td>$NO_2$ (ppm)</td><td>37.5</td></tr><tr><td>iii.</td><td>HCI ( mg/Nm3)</td><td>29</td></tr><tr><td>iv.</td><td>CO (ppm)</td><td>286</td></tr><tr><td>v.</td><td>$CO_2$ %</td><td>8.2</td></tr></table><u>Temperature</u><br>Primary Chamber $800^0 \pm 50^0$ C,<br>Secondary Chamber $1000^0 \pm 50^0$ C<br><u>Height</u>- 30 meters above from the ground<br><u>Capacity</u>- 10-12 Kg/hr<br><br>2) <u>Autoclave: (Gravity flow)</u><br><br>i) Monitors steam processes with Geobacillus stearothermophilus spores.<br>ii) Steam Indicator tape</td></tr>
<tr><td>8</td><td>Monthly records of biomedical waste generation(category wise)</td><td>i) Yellow category : 75.224 kg/month<br>ii ) Red category : 123.117 kg/month<br>iii)White category : 25.339 kg/month<br>iv) Blue category : 67.444 kg/month</td></tr>
<tr><td>9</td><td>No. of trainings conducted on Bio-medical Waste management in the current year</td><td>55</td></tr>
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(Dr. J. K Das)
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LGBRIMH, Tezpur