

**Report on Bio-medical Waste Management for the month of July, 2019**

| 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<br>Dated 22/01/2019.  |
| 4       | Quantity of bio-medical waste generation (in Kg/day)   | 4.56 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)   | 4.56 Kg   |
|         | b) Details of treatment equipment  | i) Incinerator<br>ii) Autoclave<br>iii) Shredder<br>iv) Needle Destroyer  |
| 7       | 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 – 78 litres<br>iii) Shredder - 1 Nos. Capacity -50 -100 kg<br>iv) Needle Destroyer – 12 Nos. |

**1) Incinerator**

| 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%  |

**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)**

- a) Temperature- 121° C
- b) Pressure – 15 Square per inch
- c) Time- 60 minutes

d) Operating parameters of the treatment equipment as per BMW Rules, 2016

- i) Yellow category -24.006 kg/month
- ii) Red category - 95.971 kg/month
- iii) White category- 2.737 kg/month
- iv) Blue category – 14.106 kg/month

8 Monthly records of biomedical waste generation(category wise)

9 No. of trainings conducted on Bio-medical Waste management in the current year

01

