



LIFE
Lifestyle For
Environment



HEAD OFFICE
Uttarakhand Pollution Control Board
"Gaura Devi Paryavaran Bhawan"
46B, IT Park, Sahastradhara Road, Dehra Dun
E-mail : msukpcb@yahoo.com, Phone No.-0135-2607092

Letter No: UKPCB/HO//BMW-07 (Vol-3)/2024/682,

Date: 17.08.2024

To,
The Chairman,
Central Pollution Control Board,
East Arjun Nagar, Delhi.

Sub: - Annual Report under Bio-Medical Waste Management Rules, 2016-reg.

Sir,

With reference to the above-mentioned subject please find enclosed the Annual Report under Bio-Medical Waste Management Rules 2016 (as amended from time to time), as stipulated under Rule 13 (2) of the said rules for the year 2023.

This is for your perusal and further necessary action, please.

Encl. as above

Yours's faithfully

(Dr Prag Madhukar Dhakate)
Member Secretary

9c

Annual Report Under Bio-Medical Waste Management Rules 2016 for the year 2023

Rule 13(2)

Form IV A

Part-I (Summary of Information)

(1)	Name of Organisation	Uttarakhand Pollution Control Board, 46-B, Sahastradhara Road, Dehradun
(2)	Name of the Nodal Officer with contact telephone number	Mr. Pradeep Kumar Joshi Environment Engineer 9412085472
(3)	Total no. of Health Care Facilities/Occupiers	6636
	(i) Bedded Hospitals and Nursing Homes (bedded)	1949
	(ii) Clinics, Dispensaries	3360
	(iii) Veterinary institutions	341
	(iv) Animal houses	0
	(v) Pathological laboratories	519
	(vi) Blood banks	5
	(vii) Clinical establishment	0
	(viii) Research Institutions	7
	(ix) AYUSH	443
	(x) Homeopathic	12
(4)	Total no. of beds	32985
(5)	Status of authorization	
	(i) Total number of Occupiers applied for authorization	6048
	(ii) Total number of Occupiers granted authorization	5899
	(iii) Total number of applications under consideration	146
	(iv) Total number of applications rejected	04
	(v) Total number of Occupiers in operation without applying for authorization	580
	(vi) Closed HCF	07
(6)	Quantity of Bio-Medical Waste Generation (in Kg/day) (Please enclose District Wise Bio-Medical Waste Generation as per Part-2)	
	(i) Bio-medical waste generation by bedded hospitals (in kg/day)	7200.55
	(ii) Bio-medical waste generation by non-bedded hospitals (in kg/day)	1575.96
	(iii) Any other	-
	Total	8776.51
(7)	Bio-medical waste treatment and disposal	
(a)	By Captive bio-medical waste treatment and disposal by Health Care Facilities (please enclose details as per Part-3)	
	(i) Number of Health Care Facilities having captive treatment and Disposal facilities	2750

	(ii)	Total bio-medical waste treated and disposed by captive treatment facilities in kg/day	1972.00
(b)	Bio-medical waste treatment and disposal by Common Bio-Medical Waste Treatment Facilities (please enclose details as per part 4)		
	(i)	Number of Common Bio-Medical Waste Treatment Facilities in Operation	02
	(ii)	Number of Common Bio-Medical Waste Treatment Facilities under construction	02
	(iii)	Total Bio-Medical waste treated in kg/day	6804.70
	(iv)	Total treated bio-medical waste disposed of through authorised recyclers (in kg/day)	2429.50
(8)	Total no. of violations by		
	(i)	Health Care Facilities (bedded and non-bedded)- Not Applied	583
	(ii)	Common Bio-Medical Waste Treatment Facilities	01
	(iii)	Others (please specify)	Not applied for renewal: 583
(9)	Show cause notices/directions issued to defaulters		
	(i)	Health Care Facilities (bedded and non-bedded)	107
	(ii)	Common Bio Medical Waste Treatment Facilities	0
	(iii)	Others	-
(10)	Any other relevant information		
	(i)	Number of workshops/trainings conducted during the year	255
	(ii)	Number of occupiers installed liquid waste treatment facility	263
	(iii)	Number of captive incinerators complying to the norms	02
	(iv)	Number of occupiers organized training	21
	(v)	Number of occupiers constituted Bio-medical Waste Management Committees	-
	(vi)	Number of occupiers submitted Annual Report for the previous calendar year	4168
	(vii)	Number of occupiers practicing pre-treatment of lab microbiology and Bio-technology waste:	30
	(viii)	Number of Common Bio-Medical Waste Treatment Facilities that have installed Continuous Online Emission Monitoring Systems	02

Part 2: District-wise Bio-medical Waste Generation (for the previous calendar year 2023)

Regional Office- Dehradun

S.No.	Name of the State/ Union Territory	Name of the District	Bio-medical Waste Generation (in Kg/day)	Existing Total bio-medical waste treatment capacity (both captive and CBMWTF) in kg/day																																		
1	Uttarakhand	Dehradun	4321.95	<table border="1"> <tr> <td>Equipment</td> <td>Total</td> </tr> <tr> <td>Incinerator:</td> <td>100 kg/hr (MPCC) 4188.98 K</td> </tr> <tr> <td>Autoclave:</td> <td>500 Ltr/Hr (MPCC) 25 Kg/Hr (Himalayan Hospital) 30 Kg/Hr -do- 30 Kg/Hr -do-</td> </tr> <tr> <td>Deep Burial:</td> <td>132.97 Kg/Day (DB)</td> </tr> <tr> <td>Any other:</td> <td>NIL</td> </tr> <tr> <td>Equipment</td> <td>Total</td> </tr> <tr> <td>Incinerator:</td> <td>100.55 kg/day</td> </tr> <tr> <td>Autoclave:</td> <td>NIL</td> </tr> <tr> <td>Deep Burial:</td> <td>114.81 Kg/Day (DB)</td> </tr> <tr> <td>Any other:</td> <td>NIL</td> </tr> <tr> <td>Equipment</td> <td>Total</td> </tr> <tr> <td>Incinerator:</td> <td>58.02 Kg/day</td> </tr> <tr> <td>Autoclave:</td> <td>NIL</td> </tr> <tr> <td>Deep Burial:</td> <td>79.63 Kg/Day (DB)</td> </tr> <tr> <td>Any other:</td> <td>NIL</td> </tr> <tr> <td>Equipment</td> <td>Total</td> </tr> <tr> <td>Incinerator:</td> <td>10 Kg/Hr (THDC hos.) 2.42 Kg/day (Incertr) 56.49 Kg/day CBWTF (MPCC)</td> </tr> </table>	Equipment	Total	Incinerator:	100 kg/hr (MPCC) 4188.98 K	Autoclave:	500 Ltr/Hr (MPCC) 25 Kg/Hr (Himalayan Hospital) 30 Kg/Hr -do- 30 Kg/Hr -do-	Deep Burial:	132.97 Kg/Day (DB)	Any other:	NIL	Equipment	Total	Incinerator:	100.55 kg/day	Autoclave:	NIL	Deep Burial:	114.81 Kg/Day (DB)	Any other:	NIL	Equipment	Total	Incinerator:	58.02 Kg/day	Autoclave:	NIL	Deep Burial:	79.63 Kg/Day (DB)	Any other:	NIL	Equipment	Total	Incinerator:	10 Kg/Hr (THDC hos.) 2.42 Kg/day (Incertr) 56.49 Kg/day CBWTF (MPCC)
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Incinerator:	10 Kg/Hr (THDC hos.) 2.42 Kg/day (Incertr) 56.49 Kg/day CBWTF (MPCC)																																					
2		Chamoli	215.36																																			
3		Uttarkashi	137.65																																			
4		Tehri	142.88																																			

				Autoclave:	NIL
				Deep Burial:	83.97 Kg/day (DB)
				Any other:	NIL
5		Rudraprayag	138.65	Equipment	Total
				Incinerator:	19.60 Kg/day
				Autoclave:	NIL
				Deep Burial:	54.68 Kg/day (DB)
				Any other:	NIL
6		Pauri	431.04	Equipment	Total
				Incinerator:	25 Kg/Hr (Not working) (HNB hos.) 282.14 Kg/day (CBWTF)
				Autoclave:	NIL
				Deep Burial:	148.90 Kg/Day
				Any other:	NIL
Regional Office- Kashipur					
S.No.	Name of the State/ Union Territory	Name of the District	Bio-medical Waste Generation (in Kg/day)	Existing Total bio-medical waste treatment capacity (both captive and CBMWTF) in kg/day.	
1	Uttarakhand	Udham Singh Nagar	572.75 Kg/Day	Equipment	Total
				Incinerator:	200.30 kg/day
				Shredder:	226.81 kg/day
				Autoclave:	225.74 kg/day
				Deep Burial:	0.00 kg/day
				Any other:	-

Regional Office- Roorkee

S.No.	Name of the State/Union Territory	Name of the District	Bio-medical Waste Generation (in Kg/day)	Existing Total bio-medical waste treatment capacity (both captive and CBMWTF)																
1	Uttarakhand	Haridwar	1675	<table border="1"> <thead> <tr> <th>Equipment</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Incinerator:</td> <td>100 Kg/hr</td> </tr> <tr> <td>Stand-by Incinerator:</td> <td>100 Kg/hr</td> </tr> <tr> <td>Autoclave:</td> <td>500 Litre/hr</td> </tr> <tr> <td>Shredder:</td> <td>100 Kg/hr</td> </tr> <tr> <td>Deep Burial:</td> <td>Nil</td> </tr> <tr> <td>ETP:</td> <td>10 KLD</td> </tr> <tr> <td>Any other: Chemical Treatment & Disinfectant</td> <td>600 Litre/hr</td> </tr> </tbody> </table>	Equipment	Total	Incinerator:	100 Kg/hr	Stand-by Incinerator:	100 Kg/hr	Autoclave:	500 Litre/hr	Shredder:	100 Kg/hr	Deep Burial:	Nil	ETP:	10 KLD	Any other: Chemical Treatment & Disinfectant	600 Litre/hr
Equipment	Total																			
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Stand-by Incinerator:	100 Kg/hr																			
Autoclave:	500 Litre/hr																			
Shredder:	100 Kg/hr																			
Deep Burial:	Nil																			
ETP:	10 KLD																			
Any other: Chemical Treatment & Disinfectant	600 Litre/hr																			

Part 3: Information on Health Care Facilities having captive treatment facilities (for the previous calendar year 2023)

Sl. No.	Name and Address of the Health Care Facility	Quantity of Bio-medical Waste Generation (in Kg/day)				Total bio-medical waste generated (in Kg/day)	Total Installed Treatment Capacity in Kg/day				Total bio-medical waste treated and disposed by Health Care Facilities in Kg/day										
		Yellow	Red	Blue	White		Incinerator	Autoclave	Deep Burial	Any other											
1.	Sushila Tiwari Hospital, Rampur, Road, Haldwani	159.89	4.24	6.00	0.35	170.48	-	-	-	-	<table border="1"> <tbody> <tr> <td>Incinerator</td> <td>677.23</td> </tr> <tr> <td>Autoclave</td> <td>17.70</td> </tr> <tr> <td>Deep Burial</td> <td>446.30</td> </tr> <tr> <td>Any Other</td> <td>-</td> </tr> <tr> <td>Total</td> <td>1141.23</td> </tr> </tbody> </table>	Incinerator	677.23	Autoclave	17.70	Deep Burial	446.30	Any Other	-	Total	1141.23
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S. No	Name and Address of the Common Bio-Medical Waste Treatment Facilities With Contact Person name and telephone number	GPS Coordinates	Coverage Area in KMs	Name of the cities/areas covered by Common Bio-Medical Waste Treatment Facilities	Total number of Health Care Facilities being covered	Total number of beds covered	Total quantity of Bio-Medical Waste collected from member Health Care Facilities (in Kg/day)	Capacity of Treatment equipments installed by Common Bio-Medical Waste Treatment Facilities			0.4 KLD (USN+ Nainital +Almora)	Method of Disposal of treated waste (incineration Ash/ Sharps/ Plastics)
								Equipment	Numbers	Total installed capacity (kg/day)		
2	Medical Pollution Control Committee, Vill-Mandawar, NH-73, Dehradun, Roorkee Highway, Haridwar Dr. V.K. Verma, Mob: 9839111510	30.004 319, 77.768 246	150 Kms Radius	Dehradun, Pauri, Haridwar, Tehri, Chamoli, Uttarkashi, Rudrapur	2280	8713	4060-5400 kg/day	Incinerator	02	4000 Kg/Day	905.00 Kg/day	Incineration Ash: Disposed by M/s Bharat Oil and Waste Management Ltd. Mauja Mukimpur, Laksar Road, District- Haridwar
								Plasma Pyrolysis	-	-	-	
								Autoclave	01	10,000 Ltr/Day	1225.00 Kg/day	Sharps: Disposed by: M/s Suraj Plastic Company, Khasra no 360, Manglore, Landhora Road, Roorkee 7017815846
								Hydroclave	-	-	-	
								Microwave	-	-	-	
								Shredder encapsulati on or concrete pit	01	2000 kg/day	1350.00 Kg/day	Disposed by: M/s Suraj Plastic Company, Khasra no 360, Manglore,

