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HEAD OFFICE
Uttarakhand Pollution Control Board
"Gaura Devi Paryavaran Bhawan"
46B, IT Park, Sahastradhara Road, Dehra Dun
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Letter No: UKPCB/HO//BMW-07 (Vol-3)/2023/631,

Date: 16.08.2023

To,

**The Member Secretary,
Central Pollution Control Board,
East Arjun Nagar, Delhi.**

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

Dear sir,

Kindly take reference to the above-mentioned subject whereby it is stipulated that the Annual Report under Bio-Medical Waste Management Rules 2016 (as amended from time to time), is to be submitted to CPCB. Hence, accordingly the generation and disposal of Bio-Medical waste for calendar year 2022 is being submitted in the prescribed format (copy enclosed).

Encl. as above

Your's faithfully


(S.K. Pattnaik)
Member Secretary



Annual Report Under Bio-Medical Waste Management Rules 2016 for the year 2022

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. Chandan Singh, Chief Environment officer 9412056733
(3)	Total no. of Health Care Facilities/Occupiers		6002
	(i)	Bedded Hospitals and Nursing Homes (bedded)	1705
	(ii)	Clinics, Dispensaries	2967
	(iii)	Veterinary institutions	339
	(iv)	Animal houses	0
	(v)	Pathological laboratories	510
	(vi)	Blood banks	8
	(vii)	Clinical establishment	12
	(viii)	Research Institutions	9
	(ix)	AYUSH	440
	(x)	Homeopathic	12
(4)	Total no. of beds		30706
(5)	Status of authorization		
	(i)	Total number of Occupiers applied for authorization	4914
	(ii)	Total number of Occupiers granted authorization	4707
	(iii)	Total number of applications under consideration	206
	(iv)	Total number of applications rejected	1
	(v)	Total number of Occupiers in operation without applying for authorization	1058
	(vi)	Closed HCF	30
(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)	5911.3985
	(ii)	Bio-medical waste generation by non-bedded hospitals (in kg/day)	1201.9693
	(iii)	Any other	-
	Total		7113.3678
(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	2690

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	(ii)	Total bio-medical waste treated and disposed by captive treatment facilities in kg/day	1286.7754
(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	2
	(iii)	Total Bio-Medical waste treated in kg/day	5814.8284
	(iv)	Total treated bio-medical waste disposed of through authorised recyclers (in kg/day)	2138.63
(8)	Total no. of violations by		
	(i)	Health Care Facilities (bedded and non-bedded)	423
	(ii)	Common Bio-Medical Waste Treatment Facilities	01
	(iii)	Others (please specify)	Not applied for renewal: 484
(9)	Show cause notices/directions issued to defaulters		
	(i)	Health Care Facilities (bedded and non-bedded)	47
	(ii)	Common Bio Medical Waste Treatment Facilities	0
	(iii)	Others	-
(10)	Any other relevant information		
	(i)	Number of workshops/training conducted during the year	57
	(ii)	Number of occupiers installed liquid waste treatment facility	174
	(iii)	Number of captive incinerators complying to the norms	02
	(iv)	Number of occupiers organized training	17
	(v)	Number of occupiers constituted Bio-medical Waste Management Committees	-
	(vi)	Number of occupiers submitted Annual Report for the previous calendar year	2831
	(vii)	Number of occupiers practicing pre-treatment of lab microbiology and Bio-technology waste:	23
	(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 2021)

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	3148.6135	Equipment	Total
				Incinerator:	100 kg/hr (MPCC) 3064.0244 Kg/day (CBWTF)
				Autoclave:	500 Ltr/Hr (MPCC) 25 Kg/Hr (Himalayan Hospital) 30 Kg/Hr -do- 30 Kg/Hr -do-
				Deep Burial:	84.5891 Kg/Day (DB)
				Any other:	NIL
				Equipment	Total
				Incinerator:	29.98 kg/day
				Autoclave:	NIL
2		Chamoli	149.4543	Deep Burial:	119.4743 Kg/Day (DB)
				Any other:	NIL
				Equipment	Total
				Incinerator:	43.578 Kg/day
				Autoclave:	NIL
				Deep Burial:	78.054 Kg/Day (DB)
				Any other:	NIL
				Equipment	Total
3		Uttarkashi	121.632	Incinerator:	10 Kg/Hr (THDC hos.)
				Autoclave:	2.42 Kg/day (Incertr)
				Deep Burial:	43.041 Kg/day CBWTF (MPCC)
				Any other:	NIL
				Equipment	Total
				Incinerator:	29.98 kg/day
				Autoclave:	NIL
				Deep Burial:	84.5891 Kg/Day (DB)
4		Tehri	116.687	Any other:	NIL
				Equipment	Total
				Incinerator:	29.98 kg/day
				Autoclave:	NIL
				Deep Burial:	78.054 Kg/Day (DB)
				Any other:	NIL
				Equipment	Total
				Incinerator:	29.98 kg/day

				Deep Burial:	71.226 Kg/day (DB)
				Any other:	NIL
5		Rudraprayag	75.376	Equipment	Total
				Incinerator:	17.20 Kg/day
				Autoclave:	NIL
				Deep Burial:	58.176 Kg/day (DB)
				Any other:	NIL
6		Pauri	352.011	Equipment	Total
				Incinerator:	25 Kg/Hr (Not working) (HNB hos.)
				Autoclave:	190.955 Kg/day (CBWTF)
				Deep Burial:	NIL
				Any other:	161.056 Kg/Day
					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	541.16 Kg/Day	Equipment	Total
				Incinerator:	174.47 kg/day
				Shredder:	133.75 kg/day
				Autoclave:	225.74 kg/day
				Deep Burial:	7.21 kg/day
				Any other:	-

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Regional Office- Haldwani				
S.No.	Name of the State/Union Territory	Name of the District	Bio-medical Waste Generation (in Kg/day)	
1	Uttarakhand	Almora	178.75	
			Equipment	Total
			Incinerator:	13
			Autoclave:	2.2
			Deep Burial:	163.55
2		Nainital	Any other:	-
			Equipment	Total
			Incinerator:	100 Kg/hr (STH-181.88+CBWTF-309.68)
			Autoclave:	-
			Deep Burial:	63.24
3		Bageshwar	Any other:	-
			Equipment	Total
			Incinerator:	0
			Autoclave:	0.65
			Deep Burial:	54.74
4		Pithoragarh	Any other:	-
			Equipment	Total
			Incinerator:	0
			Autoclave:	9.79
			Deep Burial:	158.4
5		Champawat	Any other:	-
			Equipment	Total
			Incinerator:	0
			Autoclave:	0.8
			Deep Burial:	66.81
Regional Office- Roorkee				

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Part 4: Information on Common Bio-Medical Waste Treatment and Disposal Facilities (for the previous calendar year 2021)

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			Total Bio-Medical waste treated in kg/day	Method of Disposal of treated waste (Incineration Ash/ Sharps/ Plastics)
								Equipment	Numbers	Total installed capacity (kg/day)		
1	Global Environmental Solution, Kh-560, Lambakhera, P.O. Khanpur, Tehsil-Gadarpur, Udhamsingh Nagar Contact Person: Mr. V.D. Singh Mob: 9927025877	Lat. 23.32 660 N Long. 77.40 350 E	75 Km in radius	Haldwani, Ramnagar Nainital, Kashipur, Jaspur Bazpur, Gadarpur, Rudrapur, Kichha, Sitarganj, Khatima (U.S. Nagar)	600	5530 (Nainital+ U.S.Nagar +Almora)	996.43 kg/day	Incinerator	01	1600 (100 Kg/hr)	378.08	Incinerator Ash: Secured Landfill
								Plasma Pyrolysis	00	00	-	-
								Autoclave	01	10800 (450 kg/hr)	181.37	Sharps, disposed of by iron foundries
								Hydroclave	00	00	-	-
								Microwave	00	00	-	-
								Shredder	01	7200 (300kg/hr)	436.99	Plastics; Recyclable Quantity disposed of by Recyclable
								Sharps encapsulation or concrete pit	-	-	-	-
								Deep burial pits	-	-	-	-
								Any other equipment	-	-	-	-
								Effluent Treatment Plant	01	10 KLD	0.4 KLD	ETP Sludge

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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	Sub-total	996.43 Kg/Day + 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	30.004 319, 77.768 246	150 Kms Radius	Dehradun, Pauri, Haridwar, Tehri, Chamoli, Uttarkashi, Rudrapur	2111	7915	Non covid-3700-4500 kg/day Covid- 50-120 kg/day	Incinerator	02	838.8 Kg/day	Incineration Ash: Disposed by M/s Bharat Oil and Waste Management Ltd, Mauja Mukimpur, Laksar Road, District-Haridwar
								Plasma Pyrolysis	-	-	
								Autoclave	01	1232.8 Kg/day	Sharps: Disposed by: M/s Suraj Plastic Company, Khasra no 360, Manglore, Landhora Road, Roorkee 7017815846
								Hydroclave	-	-	
								Microwave	-	-	
								Shredder encapsulati on or	01	904.1 Kg/day	Disposed by: M/s Suraj Plastic Company, Khasra no

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|-----|--|-----------|
| (a) | Total Number of transportation vehicles used for collection of Bio-Medical Waste on a daily basis by the Common Bio-Medical Waste Treatment Facilities: 7 (Global Environmental Solution) + 22 (MPCC) = 29 | 7,689 KLD |
| (b) | List of Health Care Facilities not having membership with the Common Bio-Medical Waste Treatment Facilities and neither having captive treatment facilities: 00 | |
| (c) | Number of training organized by the Common Bio-Medical Waste Treatment Facility operators: 02 (Global Environmental Solution) +57 (MPCC) = 59 | |
| (d) | Number of Accidents reported by the Common Bio-Medical Waste Treatment Facilities: 00 | |