

UTTARAKHAND ENVIRONMENT PROTECTION &
POLLUTION CONTROL BOARD
Gaura Devi Paryawaran Bhawan
46B, IT Park, Sahastradhara Road, Dehradun (Uttarakhand)

HEAD OFFICE



उत्तराखण्ड पर्यावरण संरक्षण एवं प्रदूषण नियंत्रण बोर्ड
गौरा देवी पर्यावरण भवन,
46बी, आई.टी. पार्क, सहस्त्रधारा रोड, देहरादून (उत्तराखण्ड)

Web: www.ueppcb.uk.gov.in, Email: msukpcb@yahoo.com

UEPPCB/HO/Gen-433/2019/ 2125-469,

Dated: 18/6/19

To,
Chairman,
Central Pollution Control Board,
East Arjun Nagar,
Delhi-32

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

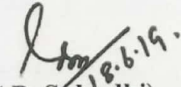
Sir,

With reference to the above mentioned subject please find enclosed Annual Report under Bio Medical Waste Management Rules 2016 as stipulated under Rule 13(2) under the said rules for the year 2018.

This is for your perusal and further necessary action please.

Enclosures:- as above.

Yours Faithfully,


(S.P. Subudhi)
Member Secretary

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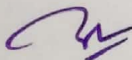
Annual Report under Bio Medical Waste Management Rules 2016

Rule 13(2)

Form IV A

Part-I (Summary of Information)

(1)	Name of Organisation	Uttarakhand Environment Protection & Pollution Control Board, 46-B, IT Park Sahastredhara Road, Dehradun
(2)	Name of the Nodal Officer with contact telephone number	Dr. Ankur Kansal, Environment Engineer 9412992375
(3)	Total no. of Health Care Facilities/Occupiers	2312
	(i) Bedded Hospitals and Nursing Homes (bedded)	1015
	(ii) Clinics, Dispensaries	1111
	(iii) Veterinary institutions	02
	(iv) Animal houses	
	(v) Pathological laboratories	172
	(vi) Blood banks	05
	(vii) Clinical establishment	
	(viii) Research Institutions	
(ix) AYUSH		
(4)	Total no. of beds	19765
(5)	Status of authorisation	
	(i) Total number of Occupiers applied for authorisation	582
	(ii) Total number of Occupiers granted authorisation	328
	(iii) Total number of application under consideration	254
	(iv) Total number of applications rejected	
(v)	Total number of Occupiers in operation without applying for authorisation	1730
(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)	3743.24
	(ii) Bio-medical waste generation by non-bedded hospitals (in kg/day)	368.15
	(iii) Any other	
	Total	4111.39
(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	1426
	(ii) Total bio-medical waste treated and disposed by captive treatment facilities in kg/day	1137.7



(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	
	(iii)	Total Bio-Medical waste treated in kg/day	2937.69
	(iv)	Total treated bio-medical waste disposed through authorised recyclers (in kg/day)	2008
(8)	Total no. of violation by		
	(i)	Health Care Facilities (bedded and non-bedded)	1730
	(ii)	Common Bio-Medical Waste Treatment Facilities	02
	(iii)	Others (please specify)	
(9)	Show cause notices/directions issued to defaulters		
	(i)	Health Care Facilities (bedded and non-bedded)	90
	(ii)	Common Bio Medical Waste Treatment Facilities	02
	(iii)	Others	10
(10)	Any other relevant information		
	(i)	Number of workshops/trainings conducted during the year	02
	(ii)	Number of occupiers installed liquid waste treatment facility	23
	(iii)	Number of captive incinerators complying to the norms	03
	(iv)	Number of occupiers organised trainings	-
	(v)	Number of occupiers constituted Bio-medical Waste Management Committees	-
	(vi)	Number of occupiers submitted Annual Report for the previous calendar year	1539
	(vii)	Number of occupiers practising pre-treatment of lab microbiology and Bio-technology waste:	02
	(viii)	Number of Common Bio Medical Waste Treatment Facilities that have installed Continuous Online Emission Monitoring Systems	01

Part 2: District-wise Bio-medical Waste Generation (for the previous calendar year 2018)

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	2284.99	Equipment	Total
				Incinerator:	100 kg/hr (MPCC) To CBWTF Haridwar
				Autoclave:	500 Ltr/Hr (CBWTF, Haridwar) 85 Kg/Hr 30 Kg/Hr 30 Kg/Hr
				Deep Burial:	41.296 Kg/Day
				Any other:	NIL
2		Chamoli	100.669	Equipment	Total
				Incinerator:	NIL
				Autoclave:	NIL
				Deep Burial:	100.69 Kg/Day
				Any other:	NIL
3		Uttarkashi	42.32	Equipment	Total
				Incinerator:	NIL
				Autoclave:	NIL
				Deep Burial:	42.32 Kg/Day
				Any other:	NIL
4		Tehri	54.734	Equipment	Total
				Incinerator:	10 Kg/Hr
				Autoclave:	NIL
				Deep Burial:	51.252 Kg/day
				Any other:	NIL
5		Rudraprayag	37.413	Equipment	Total
				Incinerator:	NIL
				Autoclave:	NIL
				Deep Burial:	37.413 Kg/day
				Any other:	NIL
6		Pauri	271.571	Equipment	Total
				Incinerator:	25 Kg/Hr
				Autoclave:	NIL
				Deep Burial:	271.571 Kg/Day
				Any other:	NIL

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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	
7	Uttarakhand	Udham Singh Nagar	442.53 kg/day	Equipment	Total
				Incinerator:	30+1600- 1630 kg/day
				Autoclave:	10+ 75 kg/day= 85 kg/day
				Deep Burial:	58.19 kg/day
				Any other:	-

Regional Office- Haldwani

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	
8	Uttarakhand	Almora	54.05	Equipment	Total
				Incinerator:	0
				Autoclave:	1.05
				Deep Burial:	53.0
				Any other:	-
9	Uttarakhand	Nainital	318.2	Equipment	Total
				Incinerator:)	100kg/h
				Autoclave:	35.5
				Deep Burial:	39.1
				Any other:	-
10	Uttarakhand	Bageshwar	17.78	Equipment	Total
				Incinerator:	0
				Autoclave:	0.58
				Deep Burial:	17.2
				Any other:	-
11	Uttarakhand	Pithoragarh	30.57	Equipment	Total
				Incinerator:	0
				Autoclave:	7.0
				Deep Burial:	23.7
				Any other:	-
12	Uttarakhand	Champawat	2.56	Equipment	Total
				Incinerator:	0
				Autoclave:	0.7
				Deep Burial:	1.86
				Any other:	-

Regional Office Roorkee

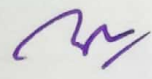
S.No.	Name of the State/Union Territory	Name of the District	Bio-medical Waste Generation (in Kg/day)	Existing Total bio-medical waste treatment capacity (both captive and CBMWTF) in kg/day	
				Equipment	Total
13	Haridwar		454 Kg/Day	Incinerator:	1600
				Autoclave:	400
				Shedder:	400
				Deep Burial:	686
				ETP:	77
				Any other:	-

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

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			
													Incinerator
													Autoclave
													Deep Burial
													Any Other
													Total

List is annexed.



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

Sl. 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	Globs Environmental Solution, Kh-560, Lambakhera, P.O. Khanpur, Tehsil-Gadarpur Contact Person: Mr. V.D. Singh Mob: 9927025877	Lat. 23.32 660 N Long. 77.40 350E	75 Km in radius	Haldwani, Rannagar (Nainital), Kashipur, Jaspur Bazpur, Gadarpur, Rudrapur, Kichha, Sitarganj, Khatima (U.S. Nagar)	520	3380 (Nainital + U.S. Nagar)	775.49 Kg/day (Nainital+ U.S. Nagar)	Incinerator	01	1600	259.69	Incineration Ash: Secured Landfill
								Plasma Pyrolysis	00	00	-	Quantity: Disposed by: Sharps: by recyclable
								Autoclave	01	75	700	Plastics
								Hydroclave	00	00	-	Quantity: Disposed by: Recyclable
								Microwave	00	00	-	
								Shredder encapsulation or concrete pit	01	300	300	
								Deep burial pits	-	-	-	ETP Sludge
								Any other equipment	01	2000	120	
								Effluent Treatment Plant	01	10 KLD	0.5 KLD	ETP Sludge Disposed by HCL Solution (Chemical Disinfected)
								Sub-total	05	3975	749.69	

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2	Medical Pollution Control Committee, Vill- Mandawar, NH-73, Dehradun, Roorkee Highway, Haridwar Dr. V.K. Verma, Mob: 9839111510	-	150 Kms Radius	Dehradun, Vikasnagar, Rishikesh, Haridwar, Roorkee and Other Side	821	7140	2188 Kg/Day	Incinerator	01	1600	453.69	Incineration Ash disposed in TSDF
								Plasma Pyrolysis	-	-	-	
								Autoclave	01	4000	759.45	Sharps disposed by M/s Sagar Battery, Thane
								Hydroclave	-	-	-	
								Microwave	-	-	-	
								Shredder encapsulation or concrete pit	01	1600	459.45	Plastic Disposed by M/s Sagar Battery, Thane
								Deep burial pits	02	6*6	-	
								Any other equipment	-	10 KLD	2.3 KL	
								Effluent Treatment Plant	01	-	-	ETP sludge disposed at TSDF
								Sub-total	06	7200	1674.89	
								Grand Total	11	11175	2425.58	

- (a) Total Number of transportation vehicles used for collection of Bio-Medical Waste on daily basis by the Common Bio-Medical Waste Treatment Facilities: 15
- (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 trainings organised by the Common Bio-Medical Waste Treatment Facility operators: 07
- (d) Number of Accidents reported by the Common Bio- Medical Waste Treatment Facilities. 00

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