

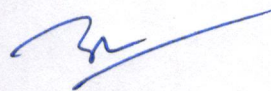
Annual Report Under Bio Medical Waste Management Rules 2016 for the year 2019

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	Dr. Ankur Kansal, Environment Engineer 9412992375
(3)	Total no. of Health Care Facilities/Occupiers	3185
	(i) Bedded Hospitals and Nursing Homes (bedded)	1121
	(ii) Clinics, Dispensaries	1780
	(iii) Veterinary institutions	02
	(iv) Animal houses	-
	(v) Pathological laboratories	252
	(vi) Blood banks	03
	(vii) Clinical establishment	-
	(viii) Research Institutions	19
	(ix) AYUSH	08
(4)	Total no. of beds	22807
(5)	Status of authorisation	
	(i) Total number of Occupiers applied for authorisation	2252
	(ii) Total number of Occupiers granted authorisation	1849
	(iii) Total number of application under consideration	320
	(iv) Total number of applications rejected	-
	(v) Total number of Occupiers in operation without applying for authorisation	933
(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)	3186.44
	(ii) Bio-medical waste generation by non-bedded hospitals (in kg/day)	627.796
	(iii) Any other	-
	Total	3814.236
(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	1734
	(ii) Total bio-medical waste treated and disposed by captive treatment facilities in kg/day	942.05



(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	Nil
	(iii)	Total Bio-Medical waste treated in kg/day	2872.19
	(iv)	Total treated bio-medical waste disposed through authorised recyclers (in kg/day)	1685.39
(8)	Total no. of violation by		
	(i)	Health Care Facilities (bedded and non-bedded)	46
	(ii)	Common Bio-Medical Waste Treatment Facilities	2
	(iii)	Others (please specify)	-
(9)	Show cause notices/directions issued to defaulters		
	(i)	Health Care Facilities (bedded and non-bedded)	46
	(ii)	Common Bio Medical Waste Treatment Facilities	02
	(iii)	Others	-
(10)	Any other relevant information		
	(i)	Number of workshops/trainings conducted during the year	07
	(ii)	Number of occupiers installed liquid waste treatment facility	46
	(iii)	Number of captive incinerators complying to the norms	02
	(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	404
	(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	02



Part 2: District-wise Bio-medical Waste Generation (for the previous calendar year 2019)

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	1672.64	Equipment Incinerator: Autoclave: Deep Burial: Any other:	Total 100 kg/hr (MPCC) 1622.01 Kg/day (CBWTF) 500 Ltr/Hr (MPCC) 25 Kg/Hr (Himalayan Hospital) 30 Kg/Hr -do- 30 Kg/Hr -do- 50.63 Kg/Day (DB) NIL
2		Chamoli	88.36	Equipment Incinerator: Autoclave: Deep Burial: Any other:	Total NIL NIL NIL 88.36 Kg/Day (DB) NIL
3		Uttarkashi	113.34	Equipment Incinerator: Autoclave: Deep Burial: Any other:	Total 9.15 Kg/day (CBWTF) NIL 104.19 Kg/Day (DB) NIL
4		Tehri	78.10	Equipment Incinerator: Autoclave: Deep Burial:	Total 10 Kg/Hr (THDC hos.) (2.152 Kg/day waste generation) 3.27 Kg/day (CBWTF) NIL 72.68 Kg/day (DB)
5		Rudrapur	7.95	Any other: Equipment Incinerator: Autoclave: Deep Burial: Any other:	NIL Total NIL NIL 7.95 Kg/day (DB) NIL

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6		Pauri	243.64	Equipment Incinerator: Autoclave: Deep Burial: Any other:	Total 25 Kg/Hr (Not working) (HNB hos.) 80.67 Kg/day (CBWTF) NIL 162.97 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	566.847	Equipment Incinerator: Autoclave: Deep Burial: Any other:	Total 1600 kg/day 75 kg/day 13.73 kg/day -
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	
1	Uttarakhand	(Garhwal Region)	1761.40 (Covered Garhwal Region)	Equipment/Shredder Incinerator: Autoclave: Deep Burial: ETP: Any other:	50 Kg/Hr 100 Kg/Hr 500Kg/Hr 2 10 KLD -

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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)	Existing Total bio-medical waste treatment capacity (both captive and CBMWTF) in kg/day
1	Uttarakhand	Almora	106.06	Equipment Incinerator: Autoclave: Deep Burial: Any other: Total
2		Nainital	405.77	Equipment Incinerator: 100 Kg/hr (STH-79.2+CBWTF-237.6) Autoclave: Deep Burial: Any other: Total
3		Bageshwar	29.9	Equipment Incinerator: Autoclave: Deep Burial: Any other: Total
4		Pithoragarh	100.51	Equipment Incinerator: Autoclave: Deep Burial: Any other: Total
5		Champawat	34.9	Equipment Incinerator: Autoclave: Deep Burial: Any other: Total

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)
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	1411	8300	1761.4 Kg/Day	Incinerator 01 Plasma Pyrolysis Autoclave 01 Hydroclave Microwave Shredder 01 Deep burial pits 02 Any other equipment Effluent Treatment Plant Sub-total 06 Grand Total 11	1600 Kg/Day - 4000 Ltr/Day - - 600 6*6 - 10 KLD 1167.4 2075.006	Incineration Ash: 3250 Kg/annum Disposed by: M/s Bharat Oil and Waste Management Sharps: Disposed by: M/s Suraj Plastic Company, Roorkee Disposed by: M/s Suraj Plastic Company, Roorkee ETP Sludge: 282 Kg/annum M/s Bharat Oil and Waste Management

(a) Total Number of transportation vehicles used for collection of Bio-Medical Waste on daily basis by the Common Bio-Medical Waste Treatment Facilities: 19

(b) List of Health Care Facilities not having membership with the Common Bio-Medical Waste Treatment Facilities and neither having captive treatment facilities: 03

(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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Part 4: Information on Common Bio-Medical Waste Treatment and Disposal Facilities (for the previous calendar year 2019)

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)					
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, Ramnagar (Nainital), Kashipur, Jaspur Bazpur, Gadarpur, Rudrapur, Kichha, Sitarganj, Khatima (U.S. Nagar)	623	3971 (Nainital+ U.S. Nagar)	1110.79 Kg/day (Nainital+ U.S. Nagar)	Equipment	Nu mbe rs	Total installed capacity (kg/day)	Incinerator	01	1600	376.621 Kg/Day	Incineration Ash: Secured Landfill
								Plasma Pyrolysis	00	00	-	Quantity: Disposed by: Sharps: by recyclable			
								Autoclave	01	75	68.67 Kg/Day				
								Hydroclave	00	00	-	Plastics Quantity: Disposed by: Recyclable			
								Microwave	00	00	-				
				Shredder encapsulati on or concrete pit	01	300	265 Kg/Day								
				Deep burial pits	-	-	-								ETP Sludge
				Any other equipment	01	2000	400 Kg/Day								
				Effluent Treatment Plant	01	10 KLD	0.5 KLD								ETP Sludge: Quantity: Disposed by: HCL Solution (Chemical Disinfected) & Then recyclable
				Sub-total	05	3975 Kg/D + 10 KLD	1110.79								

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