

Format for Submission of the Annual Report on Bio-medical Waste Management by SPCB/PCC (For the Year 2015)

Name of the State Pollution Control Boards/Pollution Control Committee														Punjab Pollution Control Board, Patiala.						
Name of the Nodal Officer with contact telephone no. & mobile no.														Er. Balwinder Singh, Special Secretary (P & G) 98789-50522						
Hospitals & Nursing Homes (HCFs) in village/town/city as per Schedule VI (1)	Total no. of HCFs irrespective of no. of patients treated (2)	Total no. of Beds (3)	No. of HCFs required to take authorization (4)	No. of HCFs Granted Authorisation (5)	No. of HCFs having own treatment and disposal facilities (6)	Total no. of captive treatment equipment installed by the HCFs (i.e excluding CBWTF) (7)						No. of CBWTF (Please specify if a hospital treatment facility is also used by other HCF) (8)		No. of HCFs which are utilising CBWTFs (9)	Total quantity of BMW generated (kg/day) (10)	Total quantity of BMW treated (kg/day) (11)	No. of Facilities violated BMW Rules (12)		Total No. of Show Cause Notices/ Directions issued to defaulter Facilities (13)	
						No. of Incinerators		No. of Autoclave	No. of Microwave	No. of Hydroclave	No. of Shredder	In operation	Under construction				HCFs	CBWTFs	HCFs	CBWTFs
						With APCD	Without APCD													
I. Bio-medical Waste Management scenario reported for the year 2014																				
	4905	56438	3479	2282	0	0	0	0	0	0	0	4	0	4852	12810.8	12810.8	626	4	626	23
b) Annual Report on Bio-medical Waste Management scenario for the year 2015 (01.01.2015 to 31.12.2015)																				
A) HCFs in town with population of 30 lakhs and above	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B) HCFs in town with population below 30 lakhs: (i) with 500 beds and above	10	7121	10	7	0	0	0	0	0	0	0	4	0	10	2896.62	2896.62	3	4	3	7
ii) with 200 beds and above but less than 500 beds	15	4160	15	15	0	0	0	0	0	0	0	0	0	15	1291.51	1291.51	1	0	1	0
iii) with 50 beds and above but less than 200 beds	151	13147	151	133	0	0	0	0	0	0	0	0	0	151	2593.84	2593.84	25	0	25	0
iv) with less than 50 beds	2917	34627	2917	2409	0	0	0	0	0	0	0	0	0	2917	5211.65	5211.65	368	0	368	0
C) All others institutions generating bio-medical waste not included in A) and B) above	2770	0	670	568	0	0	0	0	0	0	0	0	0	2770	1154.46	1154.46	153	0	153	0
Total	5863	59055	3763	3132	0	0	0	0	0	0	0	4	0	5863	13148.1	13148.1	550	4	550	7

Note: Out of total 5863 HCFs, 3763 HCFs are required to obtain authorization under BMW Rules, 1998 while rest of the HCFs are exempted which are providing treatment to less than 1000 patients/month, however 3247 HCFs applied for authorization during 2015 as other were having valid authorization during the year 2015. Out of 3247 HCFs, 3132 HCFs were granted authorization and rest 115 applications were under consideration.

Station: Mohali

Date:

Signature of the authorised official & seal

Information on Common Bio-medical Waste Treatment Facilities (CBWTFs)
(for the Year 2015)

Sr. No.	Name & Address of the CBWTF with contact person name and telephone no.	Name of the cities/ areas covered by CBWTF	Total no. of HCFs being covered	Total no. of beds covered	Total Quantity of BMW collected, treated and disposed of (in Kg/day)	Cost of treatment of BMW charged by the CBWTF operator (.....Rs. per Kg orRs per Day orRs. per bed per day)	Treatment equipment/ facilities installed at CBWTF			Air Pollution Control Systems attached with the incinerator(s)	Method of Disposal of treated wastes (Incineration Ash/Sharps/Plastics)
							Equipment	Nos.	Total installed capacity		
1.	M/s Rainbow Environment Pvt. Ltd. , Village Balyali, Mohali (Sh. Sarabjeet Singh, Owner M: +91-98150-75782)	SAS Nagar, Rupnagar, Fatehgarh Sahib, Nawa Shahar and partially from Jalandhar, Hoshiarpur & Kapurthala districts	2052	15946	3658.4	OPD/ Clinics/ Labs/Nursing homes/HCEs less than 10 beds = Rs. 1070/month From 11-20 beds = Rs 4.50/- per bed/day From 21 and above=Rs 5.78/- per bed/day	Incinerator:	2	5160Kgs/Day	Venturi Scrubber, Droplet Separator and Aqua Cyclone	Incineration Ash:
							Autoclave:	2	3800 Kgs/Day		Secured Landfill at TSDF Nimbua
							Shredder:	2	12000 Kgs/Day		Plastics: Sold to recyclers after autoclaving & shredding
							ETP:	1	21.6 KLD		
2.	M/s Amritsar Enviro Care System (P) Ltd. Village Ibban Kalan, Chabhal Road, Amritsar (Dr. Inderpal Singh Pasricha M: +91-98140-55094)	Amritsar, Tarn Taran, Ferozepur, Faridkot and Sri Mukatsar Sahib	1095	11338	2329.38	OPD/ Clinics/ Labs/Nursing homes/HCEs less than 10 beds = Rs. 1070/month From 11-20 beds = Rs 4.50/- per bed/day From 21 and above=Rs 5.78/- per bed/day	Incinerator:	1	2400 kg/day	Venturi Scrubber and Droplet Separator	Incineration Ash: Secured Landfill at TSDF Nimbua
							Autoclave:	2	3200 kg/day		
							Shredder:	3	3600 kg/day		Plastics: Sold to recyclers after autoclaving & shredding
							ETP:	1	—		
3.	M/s BMWT Trust, Vill. Pangoli, Defence Road, Distt. Pathankot (Sh. Davinder Saini M: +91-98557-62987)	Distt. Pathankot & Distt.Gurdaspur, Jalandhar City 50 % + G T Road Dasuya, Tanda, Mukerian & Kapurthala City.	704	7092	1247.12	OPD/ Clinics/ Labs/Nursing homes/HCEs less than 10 beds = Rs. 1070/month From 11-20 beds = Rs 4.50/- per bed/day From 21 and above=Rs 5.78/- per bed/day	Incinerator:	1	3600 kg/day	Venturi scrubber and Droplet Separator	Incineration Ash: Secured Landfill at TSDF Nimbua
							Autoclave:	2	2400 kg/day		
							Shredder:	2	8400 kg/day		Plastics: Sold to recyclers after autoclaving & shredding
							ETP:	1	15 KLD		
4.	M/s Medicare Environmental Management (P) Ltd., Opp. Central Jail, Ludhiana (Sh. Sunil Aggarwal, GM M: +91-98148-01375)	Ludhiana, Bathinda, Patiala, Sangrur, Barnala, Mansa, Moga.	2012	24679	5913.2	OPD/ Clinics/ Labs/Nursing homes/HCEs less than 10 beds = Rs. 1070/month From 11-20 beds = Rs 4.50/- per bed/day From 21 and above=Rs 5.78/- per bed/day	Incinerator:	1	4800 kg/day	Wet Scrubber & Venturi Scrubber	Incineration Ash: Secured Landfill at TSDF Nimbua
							Autoclave:	1	2000 kg/day		
							Shredder:	2	18000 kg/day		Plastics: Sold to recyclers after autoclaving & shredding
							ETP:	1	30-35 KLD		
		Total	5863	59055	13148.1						

SUMMARY SHEET ON BIO-MEDICAL WASTE MANAGEMENT SCENARIO IN THE STATE/UT

- (1) Name of the SPCB/PCC & Contact person with Telephone No. /Mobile No. : Punjab Pollution Control Board,
Patiala, Er. Balwinder Singh,
Special Secretary (G&P),
98789-50522
- (2) No. of HCFs :

S. No.	HCF category	No. Of HCFs require authorisation under BMW Rules	No. Of HCFs does not require authorisation under BMW Rules
(a)	Bedded Hospitals	3093	0
(b)	Non-bedded Hospitals	667	2099
(c)	Others (Veterinary Hospitals/Research Organisations etc.)	3	1
- (3) Total No. of Beds in HCFs : 59055
- (4) Status on Consents under Water Act & Air Act :

a) No. of HCFs applied for Consents under Water & Air Acts : 25

b) No. of HCFs obtained Consents under Water & Air Acts : 22

c) No. of applications under consideration : 03

d) No. of applications rejected : 00
- (5) Status on Authorization under BMW Rules :

a) No. of HCFs applied for Authorization : 3247

b) No. of HCFs obtained Authorization : 3132

c) No. of applications under consideration : 115

d) No. of applications rejected : 0
- (6) Details on On-Site treatment equipments installed by HCFs : (enclose details as annexure separately if required) :

Sl. No.	No. of HCFs	On-site Deep Burial		On-site Incinerator		On-site Autoclave		On-site Microwave		On-site Hydroclave		On-site Shredder	
		Nos	Total installed capacity in Kg/day	Nos	Total installed capacity in Kg/day	Nos	Total installed capacity in Kg/day	Nos	Total installed capacity in Kg/day	Nos	Total installed capacity in Kg/day	Nos	Total installed capacity in Kg/day
1.	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
- a) Total Bio-medical waste generated & treated by HCFs (on-site/captive facilities(in Kg/day: 100% treatment by CBWTF
- b) Total recyclable treated bio-medical waste sold off by HCFs in Kg/day : NA
- c) Total treated Bio-medical waste disposed off by HCFs in Kg/day : NA
- (7) No. of On-Site Incinerator (s) in operation installed by HCFs : Nil

a) With APCD : NA

b) Without APCD : NA
- (8) Details on Common Bio-medical Waste Treatment Facility (CBWTF) :

a) Total No. of CBWTFs in operation : 4

b) Total No. of CBWTFs under construction : 0

c) Total No. of Incinerators installed by CBWTFs : 5

I. With APCD : 5

II. Without APCD : 0
- (9) Details of CBWTFs (enclose details as annexure separately if required) :

Sl. No.	Name of the CBWTF with complete address	No. of member HCFs	Incinerator		Autoclave		Microwave		Hydroclave		Shredder	
			Nos	Total installed capacity in Kg/day	Nos	Total installed capacity in Kg/day	Nos	Total installed capacity in Kg/day	Nos	Total installed capacity in Kg/day	Nos	Total installed capacity in Kg/day
1.	M/s Rainbow Environment Pvt. Ltd. , Village Balyali, Mohali	2052	2	5160Kg /Day	2	3800 Kgs/D ay	Nil	NA	Nil	NA	2	12000 Kgs/D ay
2	M/s Amritsar Enviro Care System (P) Ltd. Village Ibban Kalan, Chabhal Road, Amritsar	1095	1	2400 kg/day	2	3200 kg/day	Nil	NA	Nil	NA	3	3600 kg/day
3	M/s BMWT Trust, Vill. Pangoli, Defence Road, Distt. Pathankot	704	1	3600 kg/day	2	2400 kg/day	Nil	NA	Nil	NA	2	8400 kg/day

4	M/s Medicare Environm ental Managem ent (P) Ltd., Opp. Central Jail, Ludhiana	2012	1	4800 Kg/day	1	2000 kg/day	Nil	NA	Nil	NA	2	18000 kg/day

- a) Total Bio-medical waste collected & treated by CBWTFs in Kg/day : 13148.07 kg/day
- b) Total recyclable treated bio-medical waste sold off by CBWTFs in Kg/day : 6684.88 kg/day
- c) Total Bio-medical waste disposed off by CBWTFs in Kg/day : 13148.07 kg/day

- (10) Action taken against HCFs/CBWTFs for violation of provisions :
- a) No. of Show-cause notices issued to HCFs :550
- b) No. of Show-cause notices issued to CBWTFs :7
- c) No. of HCFs closed during the year 2015 :1
- d) No. of CBWTFs closed during the year 2015 :0

- (11) Details on Bio-medical Waste Management Scenario :
- a) Total Bio-medical Waste Generation in Kg/day :13148.07 kg/day
- I. Incinerable :6463.19 kg/day
- II. Recyclable (after autoclaving followed by shredding) :6684.88 kg/day
- III. Disposable in secured landfill/deep burial/sanitary landfill : 0 kg/day
- b) Total Bio-medical Waste Collected in Kg/day : 13148.07 kg/day
- c) Total Bio-medical Waste Treated & Disposed in Kg/day : 13148.07 kg/day

- (12) Steps taken by SPCB/PCC for improvement in Bio-medical Waste Management scenario in the State/UT (pl. use Annexure for detail) during the year 2015 : PPCB conducted 20 training programmes on BMW management. Further PPCB has prepared annual training calendar for imparting training to Govt. HCFs for the period 2015-2016 (copy attached).

Note: Strike off whichever is not applicable

