



31st October 2018

To

The Member Secretary
Pondicherry Pollution Control Board
Pondicherry

Dear Sir,

Sub: Submission of Annual Report of Bio-Medical Waste Management - reg.

With reference to the subject cited above, I am herewith sending the Annual Report of Bio-Medical Waste Management for the period of one year from January 2017 to December 2017 for your perusal and needful

Thanking you

Yours faithfully

Dr. Renu G' Boy Varghese
Director - Principal

Dr. RENU G'BOY VARGHESE
Director - Principal

Pondicherry Institute of Medical Sciences
Ganapathichettikulam, Kalapet.
Pondicherry - 605 014.

Encl:
Form IV - Annual Report
BMW statistics for the year 2017
Authorization from PPCB
Water Consent
Air Consent



Form - IV
(See rule 13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

Sl. No.	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or operator of facility)	:	DR. RENU G' BOY VARGHESE DIRECTOR - PRINCIPAL
	(ii) Name of HCF or CBMWTF	:	PONDICHERY INSTITUTE OF MEDICAL SCIENCES
	(iii) Address for Correspondence	:	Ganapathichettykulam, Kalapet, Pondicherry - 14
	(iv) Address of Facility	:	PSWM Pvt. Ltd.
	(v) Tel. No, Fax. No	:	0413 - 2656271/72 Fax: 0413 - 2656273
	(vi) E-mail ID	:	mmpms@gmail.com
	(vii) URL of Website	:	Pmsmmm.com
	(viii) GPS coordinates of HCF or CBMWTF	:	-
	(ix) Ownership of HCF or CBMWTF	:	(State Government or <u>Private</u> or Semi Govt. or any other)
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: NO: 1898/PPCC/BMWM/Authorisation/ JSA/2015/70 valid up to August - 2018
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: 31.05.20 NO: 118/PPCC/CON/AIR/DM/JSA/2017/584 NO: 118/PPCC/CON/WTR/DM/JSA/2017/585
2.	Type of Health Care Facility	:	Multi-Specialty Hospital
	(i) Bedded Hospital	:	No. of Beds:..... 740
	(ii) Non-bedded hospital	:	
	(Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	- NA -
	(iii) License number and its date of expiry	:	
3.	Details of CBMWTF	:	- NA -
	(i) Number healthcare facilities covered by CBMWTF	:	
	(ii) No of beds covered by CBMWTF	:	
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	- Kg per day

	(iv) Quantity of biomedical waste treated or disposed by CBMWTF :	_____ Kg/day																																						
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis) :	Yellow Category : 4474 / month Red Category : 5257 / month White: 336 / month Blue Category : 1119 / month General Solid waste: 15000 / month.																																						
5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																							
	(i) Details of the on-site storage facility :	Size : - NA Capacity : Provision of on-site storage : (cold storage or any other provision)																																						
	(ii) Details of the treatment or disposal facilities :	<table border="1"> <thead> <tr> <th>Type of treatment equipment</th> <th>No of units</th> <th>Capacity Kg/day</th> <th>Quantity treated or disposed in kg per annum</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td></td> <td></td> <td rowspan="10" style="text-align: center; vertical-align: middle;">- OUTSOURCED -</td> </tr> <tr> <td>Plasma Pyrolysis</td> <td></td> <td></td> </tr> <tr> <td>Autoclaves</td> <td></td> <td></td> </tr> <tr> <td>Microwave</td> <td></td> <td></td> </tr> <tr> <td>Hydroclave</td> <td></td> <td></td> </tr> <tr> <td>Shredder</td> <td></td> <td></td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td></td> <td></td> </tr> <tr> <td>Sharps encapsulation or concrete pit</td> <td></td> <td></td> </tr> <tr> <td>Deep burial pits:</td> <td></td> <td></td> </tr> <tr> <td>Chemical disinfection:</td> <td></td> <td></td> </tr> <tr> <td>Any other treatment equipment:</td> <td></td> <td></td> </tr> </tbody> </table>	Type of treatment equipment	No of units	Capacity Kg/day	Quantity treated or disposed in kg per annum	Incinerators			- OUTSOURCED -	Plasma Pyrolysis			Autoclaves			Microwave			Hydroclave			Shredder			Needle tip cutter or destroyer			Sharps encapsulation or concrete pit			Deep burial pits:			Chemical disinfection:			Any other treatment equipment:		
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	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum. :	Red Category (like plastic, glass etc.) - NA -																																						
	(iv) No of vehicles used for collection and transportation of biomedical waste :	- NA -																																						
	(v) Details of incineration ash and ETP sludge generated and disposed :	<table border="1"> <thead> <tr> <th>Quantity generated</th> <th>Where disposed</th> </tr> </thead> <tbody> <tr> <td></td> <td>- NA -</td> </tr> </tbody> </table>	Quantity generated	Where disposed		- NA -																																		
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	during the treatment of wastes in Kg per annum	Incineration Ash ETP Sludge
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	PONDICHERY SOLIDWASTE MANAGEMENT COMPANY PVT LTD.,
	(vii) List of member HCF not handed over bio-medical waste.	
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	YES, ANNEXED.
7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management.	9
	(ii) number of personnel trained	225
	(iii) number of personnel trained at the time of induction	80
	(iv) number of personnel not undergone any training so far	-
	(v) whether standard manual for training is available?	YES
	(vi) any other information	-
8	Details of the accident occurred during the year	
	(i) Number of Accidents occurred	-
	(ii) Number of the persons affected	-
	(iii) Remedial Action taken (Please attach details if any)	-
	(iv) Any Fatality occurred, details.	-
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	- NA -
	Details of Continuous online emission monitoring systems installed	- NA -
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	STANDARD
11	Is the disinfection method or sterilization meeting the log 4	AUTOCLAVE SODIUM HYPOCHLORIDE DISINFECTION

STATEMENT OF AIR POLLUTION CONTROL DEVICES (WSSB)

	standards? How many times you have not met the standards in a year?		
12	Any other relevant information	:	(Air Pollution Control Devices attached with the Incinerator)

Certified that the above report is for the period from

JANUARY 2017 - DECEMBER 2017

R. Renu G'boy Varghese
Name and Signature of the Head of the Institution

Date:
Place

Dr. RENU G'BOY VARGHESE
Director - Principal
Pondicherry Institute of Medical Sciences
Ganapathichettikulam, Kalapet.
Pondicherry - 605 014.

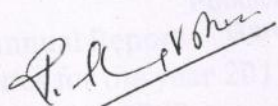
MONTH	WSSB	WSSB	WSSB	WSSB	TOTAL
JANUARY	4428	1105			5533
FEBRUARY					10848
MARCH					11085
APRIL	4536	1134			5670
MAY	4954	1240			6194
JUNE	4547	1137	5342	343	11367
JULY	4525	1131	5316	339	11311
AUGUST	5254	1314	6174	374	13136
SEPTEMBER	3926	982	4814	294	9816
OCTOBER	3598	900	4234	270	8996
NOVEMBER	4301	1075	5054	323	10753
DECEMBER	4788	1197	425	359	11969
TOTAL	53687	13423	47085	4026	134221

R. Renu G'boy Varghese
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STATEMENT OF BIOMEDICAL WASTE (COLOR WISE)

FROM: JANUARY 2017 TO DECEMBER 2017

MONTH	YELLOW	BLUE	RED	WHITE	TOTAL
JANUARY	4453	1113	5233	334	11133
FEBRUARY	4339	1085	5099	352	10848
MARCH	4426	1107	5201	332	11066
APRIL	4536	1134	5331	340	11341
MAY	4994	1248	5868	375	12485
JUNE	4547	1137	5342	341	11367
JULY	4525	1131	5316	339	11311
AUGUST	5254	1314	6174	394	13136
SEPTEMBER	3926	982	4614	294	9816
OCTOBER	3598	900	4228	270	8996
NOVEMBER	4301	1075	5054	323	10753
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STATEMENT OF BIO MEDICAL WASTE FOR THE YEAR 2018 (COLOUR WISE)

Month/year	YELLOW KGS	RED KGS	BLUE KGS	NEEDLE CAN KGS	TOTAL KGS	PER DAY PER BED
January - 2018	5933	5528	1153	407	13021	16.91
February - 2018	5149	4435	770	440	10794	14.02
March - 2018	5452	4705	935	240	11332	14.72
April - 2018	5122	4438	822	284	10666	13.85
May - 2018	5137	4431	816	83	10467	13.59
June - 2018	4533	4327	953	68	9881	12.83
July - 2018	4841	4338	1363	41	10583	13.74
August - 2018	4512	3976	1684	33	10205	13.25
September - 2018	4958	4610	1257	59	10884	14.14
October - 2018	4890	4361	1108	77	10436	13.55
November - 2018	5348	4835	1216	69	11468	14.89
December - 2018	5676	4812	1171	93	11752	15.26
TOTAL	61551	54796	13248	1894	131489	170.75