

June 18, 2018

BLK/ D-O&P/2018/JUNE/08

Delhi Pollution Control Committee
Dept. of Environment (Govt. of NCT of Delhi),
4th & 5th Floor, ISBT Building
Kashmere Gate
Delhi-110 006.

18/06/18
(ENQUIRY COUNTER)
DELHI POLLUTION CONTROL COMMITTEE
DEPARTMENT OF ENVIRONMENT
GOVT. OF NCT OF DELHI
4TH FLOOR, ISBT BUILDING,
KASHMERE GATE, DELHI-110006

Dear Sir/Madam,

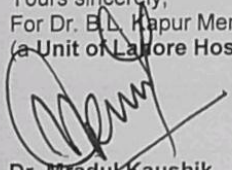
Sub: **Submission of Annual Bio-Medical Waste Report (Form-IV) of
Dr. B.L. Kapur Memorial Hospital**

Please find enclosed the annual record for the period **January 2017 to December 2017**
of Bio-Medical Waste generated in Dr. B.L. Kapur Memorial Hospital, Pusa Road, New
Delhi-110 005.

Kindly acknowledge.

Thanking you,

Yours sincerely,
For Dr. B.L. Kapur Memorial Hospital
(a Unit of Laxcare Hospital Society)


Dr. Mradul Kaushik
Director - Operations & Planning

Encls: As Above

MRADUL KAUSHIK
Director - Operations & Planning
Dr. B.L. Kapur Memorial Hospital
Pusa Road, New Delhi - 110005



ANNUAL REPORT FOR BIO-MEDICAL WASTE OF YEAR 2017												
Sl.no	No. of Days	Month	Yellow waste Kg.	Yellow waste Kg./ day	Red waste Kg.	Red waste Kg./day	Blue Card Board Box container waste Kg.	Blue Card Board Box container waste Kg./ day	White Puncture Proof Container waste Kg.	White Puncture Proof Container waste Kg./ day	Yellow Cytotoxic waste Kg.	Yellow Cytotoxic waste Kg./day
1	31	January	5538.76	178.67	9379.475	302.56	1529.26	49.33	428.709	13.83	248.75	8.02
2	28	February	4091.6	146.13	6921.15	247.18	1043.73	37.28	334.74	11.96	136.74	4.88
3	31	March	4773.11	153.97	7759.02	250.29	1227.47	39.60	441.8	14.25	136.38	4.40
4	30	April	5304.21	176.81	7257.94	241.93	1901.54	63.38	360.42	12.01	105.58	3.52
5	31	May	6267.74	202.19	12122.99	391.06	2051.74	66.19	605.83	19.54	70.94	2.29
6	30	June	6501.16	216.71	9753.02	325.10	1811.95	60.40	383.63	12.79	79.63	2.65
7	31	July	5251.13	169.39	9851.85	317.80	1999.75	64.51	428.29	13.82	65.99	2.13
8	31	August	5898.82	190.28	10829.8	349.35	1978.6	63.83	498.93	16.09	361.19	11.65
9	30	September	5347.58	178.25	10645.57	354.85	2306.02	76.87	492.72	16.42	375.86	12.53
10	31	October	6065.16	195.65	11863.87	382.71	2558.95	82.55	564.58	18.21	429.61	13.86
11	30	November	5412.26	180.41	11127.65	370.92	2364.31	78.81	479.48	15.98	308.94	10.30
12	31	December	5105.4	164.69	10781.6	347.79	2078.7	67.05	390.93	12.61	209.18	6.75
TOTAL			65556.93	2153.14	118793.94	3881.56	22852.02	749.78	5410.04	177.52	2528.79	82.98
Average/month			5463.08		9857.83		1904.34		450.84		210.73	
Average/Day				179.43		323.46		62.48		14.79		6.92

	(vii) List of member HCF not handed over bio medical waste	:	N/A
6	Do you have BMW Management committee? If yes attach minutes of the meeting held during the reporting period	:	YES included in HICC
7	Details training conducted on BMW	:	SEGREGATION, DISPOSAL & TRANSPORTATION
	(i) Number of Trainings conducted on bio medical waste management	:	Average 120 training held
	(ii) Numbers of personnel trained	:	2496
	(iii) Numbers of Personnel trained at the time of induction	:	1421
	(iv) Numbers of personnel not undergone any training so far	:	NIL
	(v) Whether standard manual for training is available?	:	YES
	(vi) Any other information	:	N/A
8	Details of accidents occurred during the year	:	
	(i) Numbers of accident occurred	:	109
	(ii) Numbers of the person affected	:	None of 109 has Seroconverted.
	(iii) Remedial action taken(Pls. attached details if any)	:	Injection T.T after injury and Injection Hep B & ART started as per the standard protocol.
	(iv) Any Fatality occurred details	:	Nothing Occurred
9	Are you meeting the standards of air pollution from the incinerator? How Many times in last Year could not the standards?	:	N/A.
	Details of continuous online emission monitoring systems installed	:	N/A.
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	YES (meeting the standards)
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not the standards in a year?	:	YES (meeting the standards)
12	Any other relevant information	:	(Air pollution control devices attached with the incinerator)

Certified that the above report is the period from January 2017 to December 2017

Name and Signature of the Head of the Institution

Dr. Mradul Kaushik
Director-Operations & Planning
Dr. B.L. Kapur Memorial Hospital
(a Unit of Lahore Hospital Society)
Pusa Road, New Delhi-110 005.

Date

Place New Delhi

4	Quantity of waste generated or disposed in Kg. per annum (on Monthly average basis)	Yellow Category 5463.08 KG/ MONTH Red Category 9857.83 KG/ MONTH White 450.84 KG/ MONTH Blue Category 1904.34 KG/ MONTH Yellow Cytotoxic Waste 210.73 KG/ MONTH General Solid Waste 18000 KG/ MONTH																																																					
5	Details of storage, treatment, transportation, processing and Disposal Facility																																																						
	(i) Details of the on-site storage facility	Size: 40.05 Square metre Capacity: 116 Cubic metre																																																					
		Provision of on-site storage (Cold Storage or any other Provision) N/A Dedicated Bio medical waste collection room YES																																																					
	(ii) Disposal facilities	<table border="1"> <thead> <tr> <th>Type of treatment Equipments</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>N/A</td> <td></td> <td></td> </tr> <tr> <td>Plasma</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Pyrolysis</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Autoclaves</td> <td>2</td> <td>95 Litres (blood bank) 152 Litres (Housekeeping) ng</td> <td>121.11kg/ per annum 553.68 kg/ per annum</td> </tr> <tr> <td>Microwave</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Hydroclave</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Shredder</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Needle tip cutter or Destroyer</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Sharp encapsulation or Concrete Pit</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Deep burial pits</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Chemical disinfection</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Any other treatment equipment</td> <td>N/A</td> <td></td> <td></td> </tr> </tbody> </table>	Type of treatment Equipments	No. of Units	Capacity kg/day	Quantity Treated or Disposed in Kg Per Annum	Incinerators	N/A			Plasma	N/A			Pyrolysis	N/A			Autoclaves	2	95 Litres (blood bank) 152 Litres (Housekeeping) ng	121.11kg/ per annum 553.68 kg/ per annum	Microwave	N/A			Hydroclave	N/A			Shredder	N/A			Needle tip cutter or Destroyer	N/A			Sharp encapsulation or Concrete Pit	N/A			Deep burial pits	N/A			Chemical disinfection	N/A			Any other treatment equipment	N/A			
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	(iii) Quantity of recyclable wastes sold to authorized recycler after treatment in Kg per annum	Red Category (like plastic, glass etc.) N/A (Disposed to BMW)																																																					
	(iv) No. of vehicles used for collection and transportation of Biomedical waste	01 (CLOSE BODY VEHICLE FOR COLLECTION FROM BLK)																																																					
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of waste in Kg per annum	<table border="1"> <thead> <tr> <th></th> <th>Quantity generated</th> <th>where Disposed</th> </tr> </thead> <tbody> <tr> <td>Incineration</td> <td>N/A</td> <td></td> </tr> <tr> <td>Ash</td> <td>N/A</td> <td></td> </tr> <tr> <td>STP Sludge</td> <td>110kg/ month</td> <td>IN BMW as per the guidelines 2016</td> </tr> </tbody> </table>		Quantity generated	where Disposed	Incineration	N/A		Ash	N/A		STP Sludge	110kg/ month	IN BMW as per the guidelines 2016																																									
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	(vi) Name of the Common Bio-medical Waste Treatment Facility Operator through which waste are disposed of	M/s SMS Water Grace BMW Pvt. LTD D.J.B. S.T.P, NILOTHI, NEWDELHI- 110041																																																					