

October 9, 2018

BLK/D-O&P/2018/OCT/03

Dr. R. Aggarwal
Addl. Director (BMW Mgmt.)
Directorate of Health Services
Swasthya Sewa Nideshalaya Bhawan
F-17, Karkardooma
Delhi-110032.

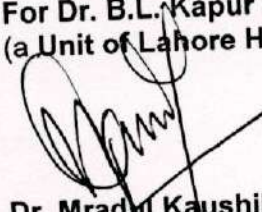


Dear Sir,

Sub: Submission of Quarterly report for Bio-Medical Waste Management (BMW)

Please find enclosed the Quarterly report for the month of **July 2018 to September 2018** of Bio-Medical Waste generated at Dr. B.L. Kapur Memorial Hospital, Pusa Road, New Delhi-110005.

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


Dr. Mradul Kaushik
Director Operations & Planning

Dr. MRADUL KAUSHIK
(Director-operations & Planning)
Dr. B.L. Kapur Memorial Hospital
Pusa Road New Delhi-110005

Encls:

Quarterly report for Bio-Medical Waste Management (BMW)

- **Annexure-1 List of BMW Management Committee members**
- **Annexure-2 Analysis report of Water Effluent authorized by DPCC**

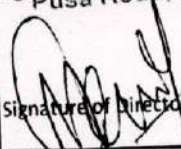
Govt. of NCT of Delhi, Directorate of Health Services
Swasthya Sewa Nideshalaya Bhawan, F-17, Karkardooma, Delhi-32. (Ph No.22304549)

Quarterly Information required for BMW Management

S.No.		Particulars	
1		Name address of the Hospital	Dr. B. L. Kapur Memorial Hospital Pusa Road, New Delhi 110005
2		No. of authorized/sanctioned beds	465
3		Name of the occupier(MS/Director)	Dr. Mradul Kaushik
4		Phone No. Fax,E-mail	011 30653104 & 30653961 Fax: 011 30653016 info@blkhospital.com
5		Whether authorization from Delhi Pollution control committee obtained?	Yes
6		If Yes, No. date of issue and validity	Yes 02.11.2017 and Valid upto 05.10.2022
7		Whether in house treatment facility available?	No
	7.A	If Yes, write	N/A
	7.B	If No., how is the BMW treated?	Outsourced-SMS water Grace BMW Pvt.Ltd.
	7.C	Whether tie up with CBWTF Operator	Yes - SMS Water Grace BMW Pvt.Ltd.
8		Whether Nodal Officer for BMW Management designated?	Yes
	8.A	If Yes-please give name & phone No.	Ms. Rosamma Jose, 011-30653328
9		Whether Biomedical Waste management Committee formed?	The functions of the BMW management committee is undertaken HICC committee and serves all the function w.r.t the management of the BMW in DR. B L Kapur Memorial Hospital.
	9.A	If yes, give name of the members	22 members List of members is attached (Annexure-1)
	9.B	Date of last meeting	20.09.2018
10		Whether color Coded segregation Containers available	Yes
	10.A	If Yes-what is color coding	Yellow, Red, Blue Puncture proof Container, White Puncture Proof, Yellow Cytotoxic, Green (Bio-degradable waste) & light blue (recyclable waste)
11		Whether Color Coded Segregation Liners/Bags available	Yes
	11.A	If Yes,what color?	Yellow, Red, Blue Puncture proof Container, White Puncture Proof, Yellow Cytotoxic, Green (Bio-degradable waste) & light blue (recyclable waste)
12		Whether using Biohazard and Cytotoxic Symbols	Yes
13		Whether Packaging & labeling Practised	Yes
14		Whether Puncture proof sharps containers available?	Yes
15		Is there any provision internal storage?	Yes
16		Whether there are any use of wheel barrow/trolleys?	Yes
17		Is there any separte provision of washing facilities for containers	Yes
		If No, where these containers are washed?	N/A
18		Is there any centralized storage site?	Yes
	18.A	Is there any provision of lock and key for BMW	Yes
19		Whether needle destroyer available?	No, since the needles are disposed in white Puncture Proof as per the BMW guidelines and are sent to SMS water grace.

20		Whether the hand hygiene is practiced in the hospital	Yes		
	20.A	If Yes, how monitored	Follow training calendar and Audit by Infection Control Nurse		
21		Is there any Spill Management Protocol	Yes		
22		Is there any Provision for management of Mercury waste, Metals	N/A - We are mercury free hospital		
23		Whether record are maintained properly?	Yes		
	23.A	If Yes, whether verified by the Chairman/Nodal officer	Yes		
24		Whether there is daily supervision?	Yes		
	24.A	If Yes, Whether the records are maintained	Yes		
25		Is there any provision of separates waste weighing machine	Yes		
	25.A	If Yes, whether daily record of of weight maintained	Yes		
26		Whether there is any injury register	Yes		
	26.A	If Yes, Whether there is Needle Stick Injury protocol	Yes		
27		Is there any separate Budget here for BMW?	Yes		
28		Whether SOPs/ guidelines available	Yes		
29		Is there any provision of Training/Retraining in BMW management	Yes		
	29.A	If Yes, the. No of personnel trained during the quarter	Nursing- 368 Technicians and Paramedics-95 GDA & Housekeeping-122		
30		Is there any IEC/Community awareness	No		
31		Whether waste Audit carried out?	Yes		
	31.A	If Yes, Whether the report submitted to the head of the institution	Yes		
32		Whether monthly report submitted to DHS	N/A		
33		Whether Quarterely Report sumitted to DHS	Yes		
34		Whether Annual Monthly Report submitted to DPCC	Yes		
35		Whether regular inspection carried out	Yes		
36		Whether consent obtained under Air and Water Act	Yes		
37		Whether Acoustic enclosures for generator sets present	Yes		
38		Whether Sewage treatment plant (STP) installed in the Hospital	Yes		
39		If yes, attach copy of laboratory report authorized by DPCC	Yes Laboratory report attached (Annexure-2)		
40		Whether personal protective Equipment (PPE) used BMW staff	Yes		
41		Whether the staff posted at BMW is medically examined	Yes		
	41.A	If, Yes, how frequently	Once a year		
	41.B	Whether immunized againts Tetanus and Hepatitis B	Yes		
42		Quantum of waste generated	Jul-18	Aug-18	Sep-18
		Incinerable	5129.5	4653.5	3764.9
		Autoclavable/Microwavable	9965.6	9922.8	8479.8
		blue Puncture proof container for glasses	2273.9	2273.7	1766.2
		white puncture proof for Sharps	643.5	548.8	250.2
		Cytotoxic waste fpr incineration	350.17	346.97	240.37
		Total	18362.67	17745.77	14501.47

Signature of Nodal Officer: ROSANIMA JOSE, CHIEF OF NURSING, BLK SUPER SPECIALITY HOSPITAL, Pusa Road, New Delhi - 110005

Signature of Director: 

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

SL. NO.	Name of the Members
1	Sister Rosamma Jose
2	Dr. R.K. Singhal
3	Dr. Purabi Barman
4	Dr. Rajesh Pande
5	Dr. Sanjay Mehta
6	Dr. Ajay Kaul
7	Dr. Dharma Choudhary
8	Dr. Jasjit Bhasin
9	Dr. Amit Agarwall
10	Dr. Sunil Prakash
11	Dr. U. Valecha
12	Dr. Rachna
13	Dr. Gurbachan Singh
14	Dr. Vivek Gupta
15	Dr. Sanjay Durani
16	Dr. Indu/ Dr. Navin
17	Mr. Ajay Sharma
18	Mr. Ramesh Kumar
19	Ms. Kanika Saha
20	Sis. Nisha James
21	Sis. Promila
22	Mr. Arun Kumar

SPEED POST

October 04, 2018

Ref: BLK/Maint/STP/15

Delhi Pollution Control Committee,
Department of Environment,
4th to 6th Floor, ISBT Building,
Kashmere Gate,
Delhi-110 006.

Kind Attn : Environmental Engineer (BMW Cell)


Sub : Submission of Quarterly Analysis Report of Water Effluent in respect of Dr. B.L.Kapur Memorial Hospital, Pusa Road, New Delhi-110005 for the period from 1st July, 2018 to 30th September, 2018.

Dear Sir,

We enclose herewith a copy of **Analysis Report of Water Effluent** dated 1/10/2018 for the water sample tested in DPCC Lab on 20/9/2018 from the Outlet of STP installed at Dr. B.L. Kapur Memorial Hospital, Pusa Road, New Delhi-110005, for the aforesaid quarter, as per the parameters prescribed for Liquid Waste in Schedule-V of the Bio-Medical Waste (Management and Handling) Rules, 1998.

Thanking you,

Yours faithfully,
for Dr. B.L. Kapur Memorial Hospital,


(Ajay Sharma)
Vice President-Admn

Encl: Copy of Analysis Report of Water Effluent.

✓ cc : Head (Housekeeping) - along with the enclosure.

Encl: As above.



DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi)

4th Floor, I.S.B.T. Building, Kashmere Gate, Delhi - 110006

Website : <http://www.dpcc.delhigovt.nic.in>



Date : 01-10-2018

Result No : DPCC/Comm/W/32240/1352

03/10/2018

ANALYSIS REPORT OF WATER EFFLUENT

1. Name & Address of Ind./Unit : M/s B.L.KAPUR MEMORIAL HOSPITAL
Pusa Road,
Delhi-110005
2. Sampling Location : Outlet of STP
3. Date of sampling : 20-09-2018
4. Sample collected by : DPCC Lab
5. Control Measure (if any) : STP
6. Nature of sample : Grab
7. Nature of Industry : Health Care Establishments having bed strength above 50 beds and connected or not connected to Sewer and with boiler
8. Parameters analyzed and results:

S.No.	Parameters	OUTLET OF STP	Prescribed Standard
1	pH	7.4	6.5-9
2	Total Suspended Solids (TSS)	18	100
3	Oil and Grease	0.8	10
4	Bio-chemical oxygen demand [3days at 27°C]	12	30
5	COD	48	250
6	Bio - assay test (percent survival of fish after 96 hours in 100 percent effluent)	100	90-100

All parameters are in mg/l except pH.

Dr. Nandita Moitra

(SR. SCIENTIST)
Dr. NANDITA MOITRA
Senior Scientist
Delhi Pollution Control Committee
5th Floor, ISBT Building,
Kashmere Gate, New Delhi-110006

Mr. Arvind Kumar

(SR. SCIENTIFIC ASSISTANT)