

Dated: 22/06/2020

To,

The Sr. Environmental Engineer, WMC- I  
Department of Environment,  
Govt. of NCT of Delhi,  
4<sup>th</sup> Floor, ISBT Building,  
Kashmere Gate,  
Delhi-110006

*R*  
29/06/2020  
(ENQUIRY COUNTER)  
DELHI POLLUTION CONTROL COMMITTEE  
DEPARTMENT OF ENVIRONMENT  
GOVT. OF NCT OF DELHI  
4TH FLOOR, ISBT BUILDING,  
KASHMERE GATE, DELHI-110006

**Subject: Submission of Form - IV**

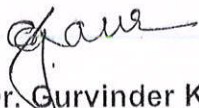
Dear Sir/Madam,

Please find attached herewith the **FORM - IV** (Annual Report of Bio-Medical Waste) generated in our hospital for **January 2019 to December 2019**.

Thanking you,

Yours Sincerely,

For Fortis Hospotel Ltd



Dr. Gurvinder Kaur  
Medical Superintendent



Encl: Attached

1. BMW Annual Disposal Sheet
2. FORM I
3. Bio Medical Training records
4. STP Water Test Report

**Fortis Hospotel Limited**

CIN: U74899HR1990PLC054770

Registered Office: Fortis Memorial Research Institute, Sector-44, Near Metro Station,  
Gurgaon - 122002 Haryana (India)

Tel: +91-124-438 6666, Fax: +91-124-496 2222

**FORM IV**

**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)]

S.No	Particulars	
1.	Particulars of the Occupier	:
	(i) Name of the authorised person (occupier or operator of facility)	: Dr Gurvinder Kaur
	(ii) Name of HCF or CBMWTF	: FORTIS HOSPOTEL LIMITED, SHALIMAR BAGH
	(iii) Address for Correspondence	: A-Block, Shalimar Bagh, Delhi -110088
	(iv) Address of Facility	: A-Block, Shalimar Bagh, Delhi -110088
	(v) Tel. No, Fax. No	: 011-45302222, 011-45302211
	(vi) E-mail ID	: gurvinder.kaur@fortishealthcare.com
	(vii) URL of Website	: -
	(viii) GPS coordinates of HCF or CBMWTF	: Yes, Observed to be in place during round to the CBMWTF
	(ix) Ownership of HCF or CBMWTF	: Private (Public)
	(x) Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Authorisation No.: DPCC/BMW/AUTH/NEW No/2019/04619 Valid Till: 25-06-2022
	(xi) Status of Consents under Water Act and Air Act	: Valid up to: 06-07-2024
2.	Type of Health Care Facility	: HCF
	(i) Bedded Hospital	: 262

S.No	Particulars	
	(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	: License Number: DGHS/NH/882 License Date of Expiry: 31.03.2020 Applied on 29/01/2020
3.	Details of CBMWTF	: Biotic Waste Solutions Pvt. Ltd.
	(i) Number healthcare facilities covered by CBMWTF	: CBMWTF will provide the details
	(ii) No. of beds covered by CBMWTF	: CBMWTF will provide the details
	(iii) Installed treatment and disposal capacity of CBMWTF:	: CBMWTF will provide the details
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	: CBMWTF will provide the details
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	: Yellow Category: 3108.197 Red Category: 4941.268 White: 249.065 Blue Category : 1063.163 Cytotoxic : 271.858 General Solid waste: 4500 + 3000
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility	
	(i) Details of the on-site storage facility	: Size: 167 Sq Ft + 178 Sq Ft
		: Capacity: 15,000 kg per month
		: Provision of on-site storage : NA

S.No	Particulars				
	(ii) Disposal facilities	Type of treatment equipment	No. of units	Capacity Kg/day	Quantity treated or disposed in kg per annum
		Incinerators			
		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:			
	(iii) Quantity of recyclable wastes sold to authorize recyclers after treatment in kg per annum.	Red Category (like plastic, glass etc.) CBMWTF will provide the details			
	(iv) No of vehicles used for collection and transportation of biomedical waste	CBMWTF will provide the details			
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		Quantity generated	Where disposed	
		Incineration Ash			
		ETP Sludge			
		CBMWTF will provide the details			
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	Biotic Waste Solutions Pvt. Ltd.			
	(vii) List of member HCF not handed over bio-medical waste	CBMWTF will provide the details			

S.No	Particulars	
6.	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	Yes, conducted 4 times, Minutes of the Meeting attached
7.	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management.	230
	(ii) number of personnel trained	3053
	(iii) number of personnel trained at the time of induction	457
	(iv) number of personnel not undergone any training so far	Nil – All HCW are trained for BMW mgmt.
	(v) Whether standard manual for training is available?	Yes
	(vi) any other information)	NA
8.	Details of the accident occurred during the year	0
	(i) Number of Accidents occurred	0
	(ii) Number of the persons affected	0
	(iii) Remedial Action taken (Please attach details if any)	NA
	(iv) Any Fatality occurred, details	NA
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	NA (CBMWTF Responsibility)

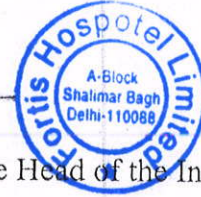
S.No	Particulars	
	Details of Continuous online emission monitoring systems installed	NA (CBMWTF Responsibility)
10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	Yes  Always compliant with the standards
11.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	Yes  Always compliant with the standards
12.	Any other relevant information	NA (CBMWTF Responsibility)

Certified that the above report is for the period from 01.01.2019 upto 31.12.2019

Date: 22.06.2020

Place: Shalimar Bagh, Delhi

Name and Signature of the Head of the Institution





FORM I

ACCIDENT REPORTING

(Annual report from 1<sup>st</sup> Jan 2019 to 31<sup>st</sup> Dec 2019)

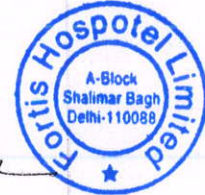
- |  |     |
|--|-----|
| 1. Date and time of accident:  | Nil |
| 2. Type of Accident:   | Nil |
| 3. Sequence of events leading to accident:   | Nil |
| 4. Has the Authority been informed immediately:                                    | Nil |
| 5. The type of waste involved in accident:   | Nil |
| 6. Assessment of the effects of the accidents on human health and the environment: | Nil |
| 7. Emergency measures taken:   | Nil |
| 8. Steps taken to alleviate the effects of accidents:                              | Nil |
| 9. Steps taken to prevent the recurrence of such an accident:                      | Nil |
| 10. Does your facility have an Emergency Control policy? If yes give details:      | Nil |

Date - 22/06/2020

Place - Delhi

Signature

Designation - Medical Superintendent



**MONTHLY BMW COLLECTION & DISPOSAL SHEET Jan19-Dec 19**

MONTH	RED BAGS	RED WEIGHT	YELLOW BAGS	YELLOW WEIGHT	BLUE BAGS	WEIGHT	NO OF SHARP CONTAINER	WHITE WEIGHT	CYTOTOXIC BAGS	CYTOTOXIC WEIGHT	TOTAL BAGS	TOTAL WEIGHT
Jan-19	794	5378.36	628	3552.07	188	1089.13	103	529.76	95	549.31	1808	11098.63
Feb-19	760	5038.8	640	3423.29	145	919.02	88	445.5	65	411.23	1698	10237.84
Mar-19	854	4928.3	761	3259.09	133	837.12	95	397.47	75	366.96	1918	9788.94
Apr-19	826	4352.27	718	2670.92	146	801.41	84	344.89	79	332.11	1853	8501.6
May-19	770	3523.63	630	2509.03	194	1088.5	57	172.68	61	233.61	1712	7527.45
Jun-19	813	4189.31	635	2583.11	246	1314.87	60	116.29	46	121.74	1800	8325.32
Jul-19	853	4417.51	764	3015.45	234	1389.38	36	103.2	31	100.76	1918	9076.3
Aug-19	849	5990.57	821	3908.2	205	1249.97	62	171.65	32	63.32	1969	11383.71
Sep-19	829	5926.89	775	3366.02	177	1043.7	157	162.26	32	78.015	1970	10576.885
Oct-19	841	5415.83	728	3351.78	152	963.61	172	175.93	44	150.22	1937	10057.37
Nov-19	813	4943.33	689	2608.1	185	992.04	186	174.19	84	404.8	1957	9122.46
Dec-19	843	5190.42	725	3051.3	196	1069.21	182	194.96	111	450.23	2057	9956.12
TOTAL	9845	59295.22	8514	37298.36	2201	12757.96	1282	2988.78	755	3262.305	22597	115602.625
AVR.	820.42	4941.268	709.5	3108.197	183.416667	1063.163	106.8333333	249.065	62.9166667	271.85875	1883.0833	9633.552083



NAME OF UNIT

SHALIMARBAGH

NAME OF COMMITTEE

Bio Medical Waste Committee

1. Date & Time : 25/03/2019 & 12PM-1PM
2. Total no. of Members in the committee: 28
3. Number of members attended: 19, Mr. Mahipal Bhanot, Dr. Gurvinder Kaur, Dr. Umesh Deshmukh, Dr. Rajeshwar Bhati, Dr. Pankaj, Dr. Monika Gupta, Dr. Vivek Jain, Dr. Punam Pandhyal, Ms. Girja Sharma, Dr. Sukanya Baruah, Mr. Abdul Rasheed, Dr. Tarni, Mr. Sudhir, Mr. Sandeep, Mr. JP Sahu, Mr. Sundaram Singh, Ms. Himmat Malhotra, Ms. Harpreet Kaur, & Ms. Eena Sharma.
4. Chairman & convener present (Yes/No): Yes
5. Details of essential members who neither attended nor sent a representative: Mr. Deepak Narang, Dr. Rajinder Yadav, Dr. Pramod Kumar, Dr. Pradeep Jain, Dr. Sunita Verma, Dr. Sanjivini Khanna, Dr. Sunil Baranwal, Mr. Rajesh, Dr. Rahul Verma.
6. Agenda circulated prior to meeting (Yes/No): Yes
7. Discussion on Action Taken Report on action items / recommendations from previous meeting (Yes/No): Yes
8. Details of action items open from previous meeting: No
9. Details of action items open from previous two meetings: No
10. Summary of discussion on Reports / documents of all essential Agenda items presented
  - Needle Stick Injury data for the month of Jan to Feb 2019..
  - Annual Trend of NSI from Jan to Feb 2019.
  - Biomedical Waste Audit Findings of Jan to Feb 2019..

NAME OF UNIT

SHALIMARBAGH

NAME OF COMMITTEE

Bio Medical Waste Committee

1. Date & Time : 29/05/2019 & 3PM-4PM
2. Total no. of Members in the committee: 28
3. Number of members attended: 20 Mr. Mahipal Bhanot, Dr. Gurvinder Kaur, Mr. Deepak Narang, Dr. Umesh Deshmukh, Dr. Harjit, Dr. Rajeshwar Bhati, Dr. Pankaj, Dr. Monika Gupta, Dr. Rahul Verma, Dr. Manish Kulshrestha, Dr. Punam Pandhyal, Ms. Girja Sharma, Mr. Abdul Rasheed, Dr. Divya, Mr. Sudhir, Mr. Sandeep, Mr. Rajesh Kumar, Mr. JP Sahu, Mr. Sundaram Singh, Ms. Himmat Malhotra, Ms. Sapna.
4. Chairman & convener present (Yes/No): Yes
5. Details of essential members who neither attended nor sent a representative: Dr. Rajinder Yadav, Dr. Pramod Kumar, Dr. Pradeep Jain, Dr. Sunita Verma, Dr. Sanjivini Khanna, Dr. Sunil Baranwal, Dr. Vivek.
6. Agenda circulated prior to meeting (Yes/No): Yes
7. Discussion on Action Taken Report on action items / recommendations from previous meeting (Yes/No): Yes
8. Details of action items open from previous meeting: No
9. Details of action items open from previous two meetings: No
10. Summary of discussion on Reports / documents of all essential Agenda items presented
  - Needle Stick Injury data for the month of Mar & Apr 2019.
  - Annual Trend of NSI from : Mar & Apr 2019.
  - Biomedical Waste Audit Findings of Mar & Apr 2019.

NAME OF UNIT

SHALIMARBAGH

NAME OF COMMITTEE

Bio Medical Waste Committee

1. Date & Time : 29/08/2019 & 3PM-4PM
2. Total no. of Members in the committee: 28
3. Number of members attended: 16 - Mr. Mahipal Bhanot, Dr. Gurvinder Kaur, Mr. Deepak Narang, , Dr. Pankaj, Dr. Monika Gupta, Dr. Punam Pandhwal, Ms. Girja Sharma, Dr. Sukanya, Mr. Abdul Rasheed, Dr. Divya, Mr. Sudhir, Mr. Sandeep, Mr. Rajesh Kumar, Mr. JP Sahu, Ms. Himmat Malhotra, Ms. Sapna
4. Chairman & convener present (Yes/No): Yes
5. Details of essential members who neither attended nor sent a representative: Dr Harjeet, Dr Umesh, Dr. Rajinder Yadav, Dr. Pramod Kumar, Dr. Pradeep Jain, Dr. Sunita Verma, Dr. Sanjivini Khanna , Dr .Sunil Baranwal., Dr. Vivek, Dr Satnam, Dr Rahul Verma, Dr Dinesh Mittal, Mr Sundram.
6. Agenda circulated prior to meeting (Yes/No): Yes
7. Discussion on Action Taken Report on action items / recommendations from previous meeting (Yes/No): Yes
8. Details of action items open from previous meeting: No
9. Details of action items open from previous two meetings: No
10. Summary of discussion on Reports / documents of all essential Agenda items presented

NAME OF UNIT

SHALIMARBAGH

NAME OF COMMITTEE

Bio Medical Waste Committee

1. Date & Time : : 11/12/2019 & 3pm - 4PM
2. Total no. of Members in the committee: 28
3. Number of members attended: 13 - Dr Gurvinder Kaur, Ms Girja Sharma, Mr Deepak Narang, Dr Harjeet Singh, Dr Umesh Deshmukh, Dr Rajinder Yadav, Dr Satnam, Dr Monika Gupta, Mr Abdul Rasheed, Dr Divya, Mr Sudhir, Mr JP Sahu, Ms Sapna.
4. Chairman & convener present (Yes/No): Yes
5. Details of essential members who neither attended nor sent a representative: Dr Pramod Kumar, Dr Sunita Verma, Dr Sanjivini Khanna, Dr Sunil Baranwal., Dr Vivek, Dr Satnam, Dr Rahul Verma, Dr Dinesh Mittal, Mr Sundram.
6. Agenda circulated prior to meeting (Yes/No): Yes
7. Discussion on Action Taken Report on action items / recommendations from previous meeting (Yes/No): Yes
8. Details of action items open from previous meeting: No
9. Details of action items open from previous two meetings: No
10. Summary of discussion on Reports / documents of all essential Agenda items presented: Aug - Oct 2019.



**TEST CERTIFICATE**

**Issued To:** M/s Fortis Healthcare Limited  
A Block, Shalimar Bagh,  
Opposite Kela Godam,  
New Delhi -110 088

**Report No.** AAL WQT-20191106005

**Date of Receiving:** 06/11/2019

**Date of Starting:** 06/11/2019

**Date of Completion:** 11/11/2019

**Date of Reporting:** 11/11/2019

**Sample Quantity:** 1 Litre

**Sample Packing Condition:** Plastic Bottle

**Sample Collected By:** AAL

**Sample Description:** One Sample described as STP Outlet Water, was received.

**TEST RESULT**

S. No.	Test parameters	Unit	Results	Requirement as per CPCB Guideline		Testing Method
				Into Inland Surface Water	On land for Irrigation	
1	pH Value	-	7.66	5.5-9.0	5.5-9.0	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	7.6	100 Max.	200 Max.	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	<2.0	10 Max.	10 Max.	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	8.5	30 Max.	100 Max.	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	44.0	250 Max.	-	IS 3025(P-58)-2006

**\*\*End of Report\*\***

**Ashutosh Srivastava**  
(SR. ANALYST)  
Authorised Signatory

- Note: 1. The Result indicated above refer to the tested sample and listed test parameters only, endorsement of products is neither inferred nor implied.  
 2. Total liability of our laboratory is limited to the invoice amount.  
 3. This report shall not be reproduced wholly or in part without written consent of the laboratory.  
 4. This report shall not be used in any advertising media or as evidence in the court of law without prior written consent of the laboratory.  
 5. The non-perishable sample received shall be destroyed after one month and perishable sample shall be destroyed after one week from the date of issue of report unless specified.



**TEST CERTIFICATE**

Issued To: M/s Fortis Healthcare Limited  
 A Block, Shalimar Bagh,  
 Opposite Kela Godam,  
 New Delhi -110 088

Report No. AAL WQT-20191106004

Date of Receiving: 06/11/2019

Date of Starting: 06/11/2019

Date of Completion: 11/11/2019

Date of Reporting: 11/11/2019

Sample Quantity: 1 Litre

Sample Packing Condition: Plastic Bottle

Sample Collected By: AAL

Sample Description: One Sample described as STP Inlet Water, was received.

**TEST RESULT**

S. No.	Test parameters	Unit	Results	Testing Method
1	pH Value	-	7.21	IS 3025(P-11)-1983
2	Total Suspended Solids	mg/l	172.0	IS 3025(P-17)-1984
3	Oil & Grease	mg/l	7.4	IS 3025(P-39)-1991
4	Biochemical Oxygen Demand (BOD - 3 days at 27°C)	mg/l	137.0	IS 3025(P-44)-1993
5	Chemical Oxygen Demand (COD)	mg/l	492.0	IS 3025(P-58)-2006

**\*\*End of Report\*\***

Ashutosh Srivastava  
 (SR. ANALYST)  
 Authorised Signatory

- Note: 1. The Result indicated above refer to the tested sample and listed test parameters only, endorsement of products is neither inferred nor implied.  
 2. Total liability of our laboratory is limited to the invoice amount.  
 3. This report shall not be reproduced wholly or in part without written consent of the laboratory.  
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 5. The non-perishable sample received shall be destroyed after one month and perishable sample shall be destroyed after one week from the date of issue of report unless specified.