

26<sup>th</sup> Feb 2019

To,

The Environmental Engineer,  
BMW Cell  
Delhi Pollution Control Committee,  
Department of Environment  
(Govt. of NCT of Delhi),  
4<sup>th</sup> Floor, ISBT Building,  
Kashmeregate Delhi-110006

27/02/2019  
(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 Annual record of **BIO MEDICAL WASTE** in the hospital.

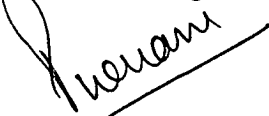
Sir/Madam,  
Kindly find as enclosed annual record of Bio Medical Waste of the hospital from Jan 2018 - to Dec 2018 .

Enclose:-

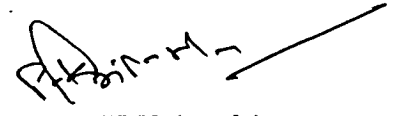
- a) Form- 4
- b) Minutes of the BMW committee meetings (January to December 2018)

This is for information and records.

Thanks & Regards,



Poonam Singh  
Sr Facility Manager



Mr.P.K Tripathi  
Nodal Officer cum Asst.CMA



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)]

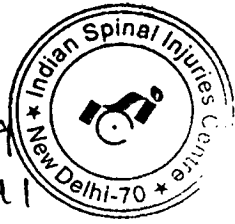
S No.	Particulars					
1.	Particulars of the Occupier	:				
	(i) Name of the authorised person (occupier or operator of facility)	:	Indian Spinal Injuries Center			
	(ii) Name of HCF or CBMWTF	:	Indian Spinal Injuries Center			
	(iii) Address for Correspondence	:	Sector C1 vasant kunj New Delhi – 110064.			
	(iv) Address of Facility	:	Sector C1 vasant kunj New Delhi – 110064.			
	(v) Tel. No, Fax. No	:	011-42255302			
	(vi) E-mail ID	:	acma@isiconline.org			
	(vii) URL of Website	:	www.isiconline.org			
	(viii) GPS coordinates of HCF or CBMWTF	:				
	(ix) Ownership of HCF or CBMWTF	:	Private Hospital			
	(x) Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No. DPCC/BMW/AUTH/NEWNo/2017/3291 Valid upto - 04/03/2022			
(xi) Status of Consents under Water Act and Air Act	:	Valid up to - Consent Order No DPCC/WMC/2015/36425 Valid up to 18-02-2020				
2.	Type of Health Care Facility	:	Health care			
	(i) Bedded Hospital	:	No. of Beds : 185			
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:				
	(iii) License number and its date of expiry	:				
3.	Details of CBMWTF	:	Biotic Waste Solutions Pvt. Ltd. 46, SSI Industrial Area GT Karnal Road, Delhi – 110033.			
	(i) Number healthcare facilities covered by CBMWTF	:	N.A			
	(ii) No of beds covered by CBMWTF	:	N.A			
	(iii) Installed treatment and disposal capacity of CBMWTF	:	N.A			
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	N.A			
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category :1756.11 (Avg. Per Month)			
		:	Red Category :2318.10(Avg. Per Month)			
		:	White:101.38(Avg. Per Month)			
		:	Blue:484.14			
		:	General Solid waste: 6966.35 (Avg. Per Month)			
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility					
(i)	Details of the on-site storage facility	:	There is a separate storage area for bio medical waste.			
		:	Capacity :			
		:	Provision of on-site storage : (cold storage or any other provision)			
(ii)	Details of the treatment or 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					

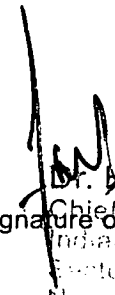
	Needle tip cutter or destroyer			
	Sharps encapsulation or concrete pit			
	Deep burial pits:			
	Chemical disinfection			
	Any other treatment equipment			

	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	:	N.A		
	(iv) No of vehicles used for collection and transportation of bio medical waste	:	N.A		
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		N.A	Quantity generated	Where disposed
			Incineration		
			Ash		
			ETP Sludge		
	(vi) Name of the Common Bio Medical Waste Treatment Facility Operator through which wastes are disposed of	:	<b>Biotic Waste Solutions Pvt. Ltd..</b>		
	(vii) List of member HCF not handed over bio-medical waste	:	N.A		
6.	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	:	We have a separate environment management committee and Bio medical Waste management is covered under it .		
7.	Details training conducted on BMW				
	(i) Number of training conducted on BMW Management.	:	91		
	(ii) Number of personnel trained	:	1095		
	(iii) Number of personnel trained at the time of induction	:	225		
	(iv) Number of personnel not undergone any training so far	:	Nil		
	(v) Whether standard manual for training is available?	:	Yes		
	(vi) Any other information	:	NA		
8.	Details of the accident occurred during the year	:	None		
	(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?	:	Not applicable		
10.	Details of Continuous online emission monitoring systems installed	:	Not applicable		
11.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	Details on PTP & STP Capacity-PTP-40 KLD In place- Chemical process Met all standards. Capacity-STP-250 KLD MBBR technology Met all standard		
12.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	:	N.A		
13.	Any other relevant information.	:			

Certified that the above report is for the period from 01.01.2018 to 31.12.2018.

Date: 26.02.2019  
Place: NEW DELHI



  
Name and Signature of the Head of the Institution  
Dr. MR SINGH  
Chief of Medical Administration  
Indian Spinal Injuries Centre  
Sector C, Vasant Kunj  
New Delhi-110070  
DMC No.: 25659

## ENVIRONMENT MANAGEMENT COMMITTEE

(MINUTES OF THE MEETING)


Date: 29<sup>th</sup> January 2018

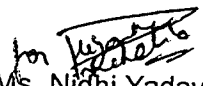
Meeting Place: Conference Room

Attended by: Dr.K.Preetham (Chairperson), Ms. Nidhi Yadav (Member Secretary), Ms. Usha Gopinath, Dr. Sunil Sharma, Dr. Pallavi Banerjee, Mr. Babban Rai, Mr. Ravinder Yadav, Ms. Poonam Singh, Ms. Deepu Vijay, Ms. Neetu Maitra, Sister Natasha Robert

Absentees:

S. No	Activity	Discussion	Responsibility	Time-line	Status
1.	Bio-medical Waste Report and its minimization	Ms Poonam presented the biomedical waste report for the month of November and December 2017.	Ms. Poonam		
2.	STP waste management	ACMA suggested that we go ahead with sludge testing by the external laboratories and initiate disposal process of sludge generated from STP. Mr. Ravinder to do the needful	Mr. Ravinder Yadav	21 days	
3.	Safety issue and Go Green initiative	Emphasis was laid on <ul style="list-style-type: none"> <li>✓ Producing less hospital waste</li> <li>✓ Saving paper</li> </ul>	Ms. Poonam & Mr. R Yadav All concerned	On going	
4.	Drinking water quality across hospital	In lieu of poor quality of drinking water Mr.R. Yadav appraised the committee that RO plant of adequate capacity will be procured for CSSD & drinking water purpose.	Mr.R. Yadav	One month	

  
 Dr. K.Preetham  
 Addl. Chief of Medical Administration

  
 Ms. Nidhi Yadav  
 Quality Manager

To: All Concerned

Copy for Information: MD / DG / Chairman

## ENVIRONMENT MANAGEMENT COMMITTEE

(MINUTES OF THE MEETING)

**Date:** 19<sup>th</sup> April 2018

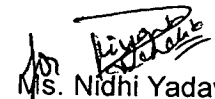
**Meeting Place:** Conference Room

**Attended by:** Dr.K.Preetham (Chairperson), Ms. Nidhi Yadav (Member Secretary), Ms. Usha Gopinath, Dr. Vijay Dutta, Dr. Sunil Sharma, Dr. Smita Korde, Dr. Pallavi Banerjee, Mr. Babban Rai, Mr. Anil Kumar, Ms. Poonam Singh, Ms. Priyanka Ancharia, Ms. Rinku Thomas, Ms. Deepu Vijay, Ms. Neetu Maitra, Sister Natasha Robert

**Absentees:**

S. No	Activity	Discussion	Responsibility	Time-line	Status
1.	Bio-medical Waste Report and its minimization	Ms. Poonam presented the biomedical waste report for the month of February and March 2018.	Ms. Poonam		
2.	Sludge testing by the external laboratories	Sludge testing for the waste generated by STP was tested by external laboratories. The horticulture department will now decide upon use of sludge for gardening purpose. It may be tested in small area.	Ms. Poonam	21 days	
3.	Safety issue and Go Green initiative	Emphasis was laid on ✓ Producing less hospital waste ✓ Saving paper	Ms. Poonam & Mr. R Yadav All concerned	On going	
4.	Regarding reuse of paper	Possibility of sending the used paper to some NGO may be explored for further processing (preparing paper bags etc)	Ms. Shivika/ Quality team	15 days	
5.	Drinking water quality across hospital	It is decided that one RO plant of 100 liters capacity will be procured and placed in cafeteria. The RO plant for CSSD is in design phase.	Mr.R. Yadav	One month	

  
 Dr. K. Preetham  
 Addl. Chief of Medical Administration

  
 Ms. Nidhi Yadav  
 Quality Manager

**To:** All Concerned

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## ENVIRONMENT MANAGEMENT COMMITTEE

(MINUTES OF THE MEETING)

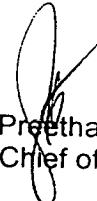
**Date:** 26<sup>th</sup> June 2018


**Meeting Place:** Conference Room

**Attended by:** Dr.K.Preetham (Chairperson), Ms. Nidhi Yadav (Member Secretary), Dr. B.Mohapatra, Dr. Vijay Dutta, Dr. A.K.Sahani, Dr. Sunil Sharma, Dr. Smita Korde, Dr. Pallavi Banerjee, Ms. Usha Gopinath, Mr. Babban Rai, Mr. Prem Sagar, Ms. Rajinder Kaur, Ms. Rinku Thomas, Ms. Mariama Titus, Ms. Neetu Maitra, Sister Natasha Robert

**Absentees:** Ms. Deepu Vijay

S. No	Activity	Discussion	Responsibility	Time-line	Status
1.	<b>Bio-medical Waste Report and its minimization</b>	Mr. Prem Sagar presented the biomedical waste report for the month of April and May 2018.	Ms. Poonam		
2.	<b>Sludge testing by the external laboratories</b>	Sludge testing for the waste generated by STP was tested by external laboratories. The results are awaited, followed by testing the sludge on a small area for horticulture.	Ms. Poonam	21 days	
3.	<b>Safety issue and Go Green initiative</b>	Emphasis was laid on ✓ Producing less hospital waste ✓ Saving paper	Ms. Poonam & Mr. R Yadav All concerned	On going	
4.	<b>Regarding reuse of paper</b>	NGO Jaagruti is approached to explore possibility of recycling the used paper. The NGO works on Non- Monetary- barter system approach. Further discussion in progress.	Ms. Shivika/ Quality team	15 days	
5.	<b>RO plant for CSSD</b>	The design of RO plant for CSSD is finalized and its in purchase process.	Mr.R. Yadav	One month	

  
 Dr. K.Preetham  
 Addl. Chief of Medical Administration

  
 Ms. Nidhi Yadav  
 Quality Manager

**To:** All Concerned

**Copy for Information:** MD / DG / Chairman

## ENVIRONMENT MANAGEMENT COMMITTEE

(MINUTES OF THE MEETING)

Date: 30<sup>th</sup> August 2018

Meeting Place: Conference Room, First floor

Attended by: Dr.K.Preetham (Chairperson), Ms. Nidhi Yadav (Member Secretary), Dr. Vijay Dutta, Dr. Sunil Sharma, Dr. Smita Korde, Dr. Pallavi Banerjee, Ms. Deepu Vijay, Ms. Usha Gopinath, Mr. Babban Rai, Mr. Poonam Singh, Ms. Mariama Titus, Ms. Neetu Maitra, Sister Natasha Robert, Mr. Rajkumar, Mr. Ravinder Yadav, Mr. Hassan Agha

Absentees: Ms. Rajinder Kaur

S. No	Activity	Discussion	Responsibility	Time-line	Status
1.	Bio-medical Waste Report and its minimization	Ms.Poonam Singh presented the biomedical waste report for the month of June and July 2018.	Ms. Poonam		
2.	Safety issue and Go Green initiative	Emphasis was laid on ✓ Producing less hospital waste ✓ Saving paper	Ms. Poonam & Mr. R Yadav All concerned	On going	
3.	Regarding reuse of paper	Another NGO is approached to explore possibility of recycling the used paper. This NGO works on Monetary system approach. Further discussion in progress.	Ms. Shivika/ Quality team	15 days	
4.	RO plant for CSSD	The design of RO plant for CSSD is finalized and its in purchase process.	Mr.R. Yadav	One month	

  
 Dr. K. Preetham  
 Addl. Chief of Medical Administration

  
 Ms. Nidhi Yadav  
 Quality Manager

To: All Concerned

Copy for Information: MD / DG / Chairman



## ENVIRONMENT MANAGEMENT COMMITTEE

(MINUTES OF THE MEETING)

Date: 26<sup>th</sup> October 2018

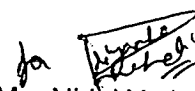
Meeting Place: Conference Room

Attended by: Dr.K.Preetham (Chairperson), Ms. Priyanka Anchalia, Ms. Rajinder Kaur, Dr. Vijay Dutta, Dr. Sunil Sharma, Dr. Smita Korde, Dr. Pallavi Banerjee, Mr. Babban Rai, Ms. Poonam Singh, Ms. Deepu Vijay

Absentees:

S. No	Activity	Discussion	Responsibility	Time-line	Status
1.	Bio-medical Waste Report and its minimization	Ms. Poonam presented the biomedical waste report for the month of August and September 2018.	Ms. Poonam		
2.	Safety issue and Go Green initiative	Emphasis was laid on ✓ Producing less hospital waste ✓ Saving paper	Ms. Poonam & Mr. R Yadav All concerned	On going	
3.	Regarding reuse of paper	Possibility of sending the used paper to some NGO may be explored for further processing (preparing paper bags etc)	Ms. Shivika/ Quality team	15 days	

  
 Dr. K. Preetham  
 Addl. Chief of Medical Administration

  
 Ms. Nidhi Yadav  
 Quality Manager

To: All Concerned

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## ENVIRONMENT MANAGEMENT COMMITTEE

(MINUTES OF THE MEETING)

Date: 26<sup>th</sup> December 2018

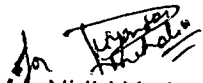
Meeting Place: Conference Room

Attended by: Dr.K.Preetham (Chairperson), Ms. Priyanka Anchalia, Ms. Rajinder Kaur, Dr. Vijay Dutta, Dr. Pallavi Banerjee, Ms. Poonam Singh, Ms. Deepu Vijay, Ms Mariamma Titus, Ms Rinku Thomas, Ms Usha Gopinath, Mr Anil

Absentees:

S. No	Activity	Discussion	Responsibility	Time-line	Status
1.	Bio-medical Waste Report and its minimization	Ms. Poonam presented the biomedical waste report for the month of October and November 2018. Ms Poonam regarding the implementation of the revised colour coding for general waste in the hospital. It was decided that the same would be implemented in January 2019.	Ms. Poonam		
2.	Safety issue and Go Green initiative	Emphasis was laid on ✓ Producing less hospital waste ✓ Saving paper	Ms. Poonam & Mr. R Yadav All concerned	On going	
3.	Regarding reuse of paper	Possibility of sending the used paper to some NGO may be explored for further processing (preparing paper bags etc)	Ms. Shivika/ Quality team	15 days	

  
Dr. K. Preetham  
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