

15 March 2025

To,

The Regional Environmental Officer

KSPCB

RO - BNG

Bangalore South

Sub - Regarding submission of BMW Annual report - Sagar Hospitals - DSI

Dear Sir/ Madam,

This is with reference to the above subject we are here by submitting the Biomedical Waste Annual report for the period of Jan 2024 to Dec 2024.

Request you to kindly acknowledge the receipt of this letter.

Enclosed

1. Annual Report - Biomedical Waste
2. MOU with Maridi Bio Industries Pvt Ltd
3. BMW - Authorization (2021-2031)
4. Consent for Operation (CFO - Air, Water)
5. Picture of waste segregation area

Thanking You

Regards

Dr Raja Dutta

Medical Director

Sagar Hospitals - DSI

Shavige Malleshwara Hills

Kumaraswamy Layout

Banashankari

Bangalore - 560078



Dr. RAJA DUTTA
MBBS, MD, MDP
MEDICAL DIRECTOR
SAGAR HOSPITAL-DSI
MCI NO. 14242

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. RAJA DEBTA (MEDICAL DIRECTOR)
	(ii) Name of HCF or CBMWTF	:	SAGAR HOSPITALS - DSI
	(iii) Address for Correspondence	:	SHAVIGE MALLSHWARA HILLS KUMARASWAMY LAYOUT, BANASHANKAR
	(iv) Address of Facility	:	SHAVIGE MALLSHWARA HILLS KUMARASWAMY LAYOUT, BANASHANKAR
	(v) Tel. No, Fax. No	:	080 4299 009
	(vi) E-mail ID	:	md.bsk@sagarhospitals.in
	(vii) URL of Website	:	www.sagarhospitals.in
	(viii) GPS coordinates of HCF or CBMWTF	:	LATITUDE : 12 90 450 N LONGITUDE : 77.505663 E
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other)
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: KSPCB/RSEP/BNG-CITY/BMW R.N 18.35.15/2021...valid up to .30.9.2031
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: 30-9-2031
2.	Type of Health Care Facility	:	HCF
	(i) Bedded Hospital	:	No. of Beds:.....150
	(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	:	BLU02891ALSSH / 17-01-2027
3.	Details of CBMWTF	:	NA
	(i) Number healthcare facilities covered by CBMWTF	:	NA
	(ii) No of beds covered by CBMWTF	:	NA
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	_____ Kg per day NA

	(iv) Quantity of biomedical waste treated or disposed by CBMWTF :	_____ Kg/day	N/A																																																
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis) :	Yellow Category : 15970																																																	
		Red Category : 21884																																																	
		White: 766.38																																																	
		Blue Category : 5403.04																																																	
		General Solid waste: NIL																																																	
5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																																		
	(i) Details of the on-site storage facility :	Size : 150 sq. ft																																																	
		Capacity : 300 Kgs.																																																	
		Provision of on-site storage : (cold storage or any other provision)	Room TEMPERATURE																																																
	(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>N/A</td> <td></td> <td></td> </tr> <tr> <td>Plasma Pyrolysis</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Autoclaves</td> <td>1</td> <td>1.9 kg</td> <td></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>Sharps 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></td> <td></td> <td></td> </tr> <tr> <td>Any other treatment equipment:</td> <td>ETP</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	N/A			Plasma Pyrolysis	N/A			Autoclaves	1	1.9 kg		Microwave	N/A			Hydroclave	N/A			Shredder	N/A			Needle tip cutter or destroyer	N/A			Sharps encapsulation or concrete pit	N/A			Deep burial pits:	N/A			Chemical disinfection:				Any other treatment equipment:	ETP			
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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.) HANDED OVER TO M/S MARADI BIO INDUSTRIES PVT LTD.																																																	
	(iv) No of vehicles used for collection and transportation of biomedical waste :	1 VEHICLE [MARADI BIO INDUSTRIES]																																																	
	(v) Details of incineration ash and ETP sludge generated and disposed :	Quantity generated	Where disposed																																																

	during the treatment of wastes in Kg per annum	Incineration Ash ETP Sludge	NA
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of		M/S MARIDI BIO INDUSTRIES PVT Ltd
	(vii) List of member HCF not handed over bio-medical waste.		NA
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period		YES. ALONG WITH HIC Committee Minutes of meeting Attached.
7	Details trainings conducted on BMW		
	(i) Number of trainings conducted on BMW Management.		18
	(ii) number of personnel trained		312
	(iii) number of personnel trained at the time of induction		233
	(iv) number of personnel not undergone any training so far		NIL
	(v) whether standard manual for training is available?		YES.
	(vi) any other information		NO
8	Details of the accident occurred during the year		
	(i) Number of Accidents occurred		11
	(ii) Number of the persons affected		NIL
	(iii) Remedial Action taken (Please attach details if any)		POST-EXPOSURE PROPHYLAXIS MANAGEMENT, Followup has been done for all the Cond
	(iv) Any Fatality occurred, details.		NIL
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?		YES
11	Is the disinfection method or sterilization meeting the log 4		YES

	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) NA

Certified that the above report is for the period from

..... JANUARY 2024 - DECEMBER 2024

Name and Signature of the Head of the Institution

Date: 15-03-25
Place BANGALORE

Dr. RAJA DUTTA
MBBS, MD, MDP
MEDICAL DIRECTOR
SAGAR HOSPITAL-DSI
MCI No. 14242

Year of 2024



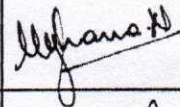

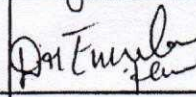
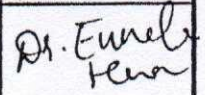


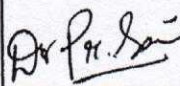
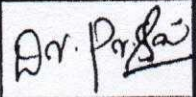
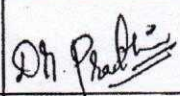
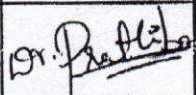

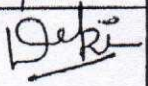
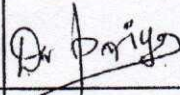
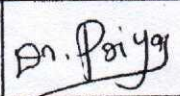
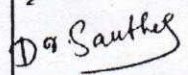
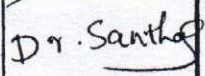
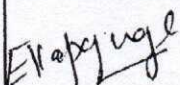
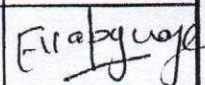
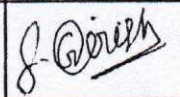
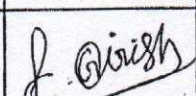
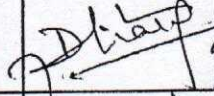
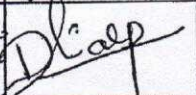
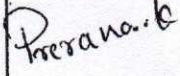
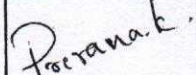
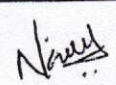
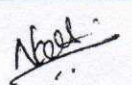
Bio Medical Waste Segregation Annual Report for – January-2024 to December -2024															
Month/Year	Yellow Bags		Red Bags		Blue Mark Box		Whites		Cytotoxic Bags		Covid19 Bags		Total		
	Count	Weight	Count	Weight	Count	Weight	Count	Weight	Count	Weight	Count	Weight	Count	Weight	
Jan-24	474	1121.3	459	1106.3	38	309.72	23	38	0	0	0	0	992	2575.62	
Feb-24	440	886.94	451	1017	38	306.91	29	70.46	0	0	0	0	958	2281.33	
Mar-24	439	1014.4	479	1236.7	44	322.65	33	52.15	0	0	0	0	995	2625.91	
Apr-24	469	1012.5	449	1094.7	44	333.5	23	48	0	0	0	0	985	2491.77	
May-24	571	1408.1	637	2097.2	58	442.04	29	40.9	0	0	0	0	1296	3988.28	
Jun-24	549	1356.3	600	2022.6	58	464.04	35	107.08	0	0	0	0	1242	3950.02	
Jul-24	551	1387.2	589	1842.3	64	544.61	34	54.41	0	0	0	0	1238	3828.45	
Aug-24	619	1649.5	701	2421.6	77	651.86	39	83.58	0	0	0	0	1436	4806.58	
Sep-24	645	1650.7	715	2498.8	67	586.75	40	75.46	0	0	0	0	1467	4811.65	
Oct-24	484	1387.5	526	2058	47	350.22	37	94.18	0	0	0	0	1094	3889.81	
Nov-24	367	1500	410	2246.2	68	498.58	30	55.44	0	0	0	0	875	4300.2	
Dec-24	316	1596	328	2242.5	74	592.16	29	46.72	0	0	0	0	747	4477.36	
Total	5924	15970	6344	21884	677	5403.04	381	766.38	0	0	0	0	13325	44027	

Sagar Hospitals - DSI

HR Department

List of Staff for HR Induction Programme

Date of Induction : 19th June 24 - Wednesday & 20th June 24 - Thursday

Sl No	BSK ID	Name	Dept.	DOJ	19-06-2024	20-06-2024
1	BSK3388	Dr Lavanya k	Cardiology	25-Sep-23		
2	BSK3463	Dr Meghana N	Cardiology	08-Jan-24		
3	BSK3492	Dr Ennumula Hema	ICU	19-Feb-24		
4	BSK3504	Dr Neethi Vinayan	Nephrology	07-Mar-24		
5	BSK3506	Dr P R Rishika Sai	Wards	12-Mar-24		
6	BSK3509	Dr Pratibha Biradar	Neurology	18-Mar-24		
7	BSK3515	Dr Deepika C	Medical Admin	20-Apr-24		
8	BSK3519	Dr Priyanka Sheelavantmath	Neurology	10-May-24		
9	BSK3531	Dr SanthoshKumar Lakshmanan	Neuro ICU	01-Jun-24		
10	BSK3532	Evapyntngen Pale	Nursing	03-Jun-24		
11	BSK3533	Pinnamareddy Girish	IT	03-Jun-24		
12	BSK3534	Dhinakar Gnanaprakasam	Bio-Medical	03-Jun-24		
13	BSK3535	Prerana Kiran Kamble	MRD	03-Jun-24		
14	BSK3536	Netravati More	Nursing	03-Jun-24		

MINUTES OF HICC MEETING JUNE ' 2024

Date : 12/06/2024

Time:02.30 PM

Venue : 5TH Floor Conference Hall

Members Present:20	Members Absent: 23
Dr. Kavyashree S P (Intensivist) - Chairperson	Dr.Chandrappa H N (HOD Anaesthesia) - Member
Dr. Arati Kamble (Microbiologist / ICO) -Convener	Dr.Basavraj S.Kyavater (Orthopedician Consultant) - Member
Dr. Deepak Balani (Medical Director) - Member	Dr. Arun (Internal Medicine Consultant) - Member)
Ms.Ranjini (Infection Control Nurse) - Member	Dr Parashuram (Anaesthologist) – Member
Mr. Satish M N (Housekeeping in-charge) - Member	Dr.Shanthala S (OBG Consultant) - Member
Dr. Sudeep Bhandary (HOD Emergency) – Member	Dr. Manjunath R (Internal Medicine Consultant) - Member
Mr. Shivananda HM (CSSD in-charge) - Member	Amarjith (BME) - Member
Ms Deepa (Medication Nurse) - Member	Mr. Sanjay (Pharmacy Assistant Manager) - Member
Ms Sharon Rosi Jude (Nurse Educator) - Member	Ms Kala (ANS) - Member
Mr Sachin P J (ER Supervisor) - Member	Ms Rangamma (Nursing Supervisor) - Member
Ms. Mala T (Nursing Superintendent) - Member	Ms. Suma -OT-in-charge) - Member
Dr. Lakshmikanth (Deputy Medical Superintendent) - Member	Dr Seema (Neuro Critical Care) - Member
Ms Lisy Mary B (Coordinator-Quality) - Member	Ms Manasa S R (EDS) - Member
Dr Deepika c (AMA MED -ADM)	Ms Reela (General Ward in-charge) - Member
Dr.Kamal Bhalla (Internal Medicine Consultant) - Member	Dr Priyadarsini R (Clinical Phatmacologist) - Member
Mr Pradeep KumarMR Kulkarani kiran (Manager Facility & Maintenance) - Members	Dr. Roopa M O (Lab medicine)- Member
Mr Ravi Pawar (G M Operation) - Member	Ms Triveni (PVT ward in-charge) - Member
Ms Pavithra (PICU in-charge) - Member	Ms. Kiranamai (Dept Clinical Nutrition in-charge) - Member
lokeshwarappa (ICU-incahrge)-Member	Ms .Rukmini R senior nurse -NICU)
	Ms Mariamma (OPD In-charge) - Member
	Mr Chethan (SPVT in-charge) - Member
	Mr .MADHU D (Incharge -Pharmacy)
	Dr .Roopa.p (PHC/PSO)

Point Discussed:

1. Review of minutes of last meeting
2. HAI statistics for the month of MAY ' 2024
3. Biomedical waste management observations for the moth of MAY ' 2024
4. Hand Hygiene compliance of MAY ' 2024
5. Water quality test report of MAY ' 2024
6. MDRO's of MAY ' 2024
7. Sharp Injury & Blood and Body fluid Exposure of MAY ' 2024

S.NO	Points Discussed	Action points	Responsibility	Target for closure
1	Clinician to attend HIC meeting	Requesting the clinciains to take part in HIC meeting whose case will be presented for discussion & Committee member should participate .	Medical Services	By next meeting
2	Sump and borewell water & Chemical analysis report	Make a schedule for cleaning & SOP for the same	Facility manager	Immediately & Once in a 3 month
3	CAUTI & SSI was discussed	Outcome to be mentioned	ICN/ICO	By next meeting & On going
4	Surgical Prophylaxis QI	Raw data to be submit to quality/HIC .	OT manager	immediately & Ongoing
5	BMW non compliace was discussed .	Strictly to be adhere the policy & Reinforced class.	Educator & HIC Link Nurse/ICN	On going
6	Blue container for glassware	Raise the indent for blue container	HK HOD	Immediately