



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
MCB 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 DUTTA (MEDICAL DIRECTOR) | |
| | (ii) Name of HCF or CBMWTF | : SAGAR HOSPITALS - DSI | |
| | (iii) Address for Correspondence | : SHAVIGE MALLESHWARA HILLS KUMARASWAMY LAYOUT, BANASHANKARI | |
| | (iv) Address of Facility | : SHAVIGE MALLESHWARA HILLS KUMARASWAMY LAYOUT, BANASHANKARI | |
| | (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' 45.0 N LONGITUDE : 77° 50' 56.63 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.: R.N KSPCB/RSED/BNG-CITY-BMW 18.35.75./20.21..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: n/a |
| 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 | : Type of treatment No Cap Quantity equipment of acit treated unit y r s Kg/ disposed day 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 n/a concrete pit Deep burial pits: n/a Chemical disinfection: Any other treatment equipment: ETP |
| | (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 Where generated 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 HCF 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) | | PAST -EXPOSURE PROPHYLAXIS MANAGEMENT, FOLLOWUP has been done for all the Con- |
| | (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

Years of 2024

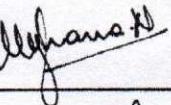
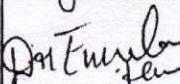
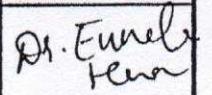
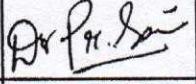
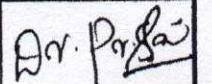
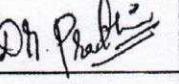
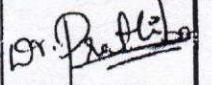
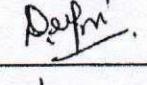
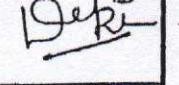
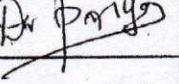
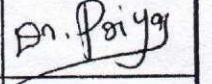
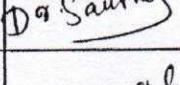
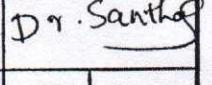
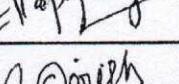
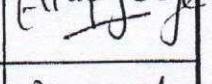
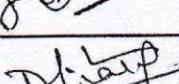
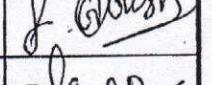
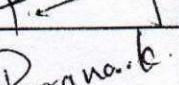
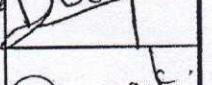
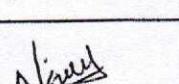
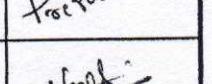
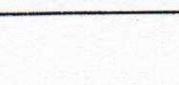
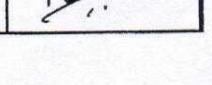
| Bio Medical Waste Segregation Annual Report for – January-2024 to December -2024 | | | | | | | | | | | | | | |
|----------------------------------------------------------------------------------|-------------|--------|----------|--------|---------------|---------|--------|--------|----------------|--------|--------------|--------|-------|---------|
| Monthly 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 - DS1

HR Department

List of Staff for HR Induction Programme

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

| SI 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 | Evapnyntgen Pale | Nursing | 03-Jun-24 |  |  |
| 11 | BSK3533 | Pinnamareddy Girish | IT | 03-Jun-24 |  |  |
| 12 | BSK3534 | Dhjnakar 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 Mariyamma (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 clinicians 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 |