

Letter No: RV/24/IM/EE/20

7th June 2024

To
The Environmental Engineer,
Regional Office-Kakinada,
Andhra Pradesh Pollution Control Board,
Plot No.2 IDA, Ramanayyapeta,
Kakinada, Andhra Pradesh- 533005

Sir / Madam,

Subject: Submission of Annual Report (Form IV) of Biomedical Waste for the Year 2023

With reference to above mentioned subject, we are submitting herewith Form IV (Annual Report) of Biomedical Waste for the period 01st January 2023 to 31st December 2023 for Occupational Health Care Facility at Ravva Onshore Terminal, S'Yanam, Uppalaguptam, Dr. B. R. Ambedkar Konaseema District, Andhra Pradesh.

For Vedanta Limited, Cairn Oil & Gas

for Sricharan

Mayil Vaghanan K.B
Installation Manager-Ravva

Enclosure : Form IV Annual Returns Biomedical Waste for the year 2023

VEDANTA LIMITED

Cairn Oil & Gas Ravva Onshore Terminal, Surasani Yanam-533213, Uppalaguptam Mandal, Dr. B.R. Ambedkar Konaseema District, Andhra Pradesh, India | Mobile No.9849623600 | www.cairnindia.com

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)	:	Installation Manager- Ravva
	ii) Name of HCF or CBMWTF	:	Occupational Health Centre- Ravva Onshore Terminal
	iii) Address for Correspondence	:	Vedanta Limited - Cairn Oil & Gas S'Yanam, Uppalaguptam (Mandal) Dr. B. R. Ambedkar Kona Seema District Andhra Pradesh-533 213
	iv) Address of Facility	:	Vedanta Limited - Cairn Oil & Gas S'Yanam, Uppalaguptam (Mandal) Dr. B. R. Ambedkar Kona Seema District Andhra Pradesh-533 213
	v) Tel. No, Fax. No	:	Tel: 08856- 306054 Fax: 08856- 256601
	vi) E-mail ID	:	Manager.hse@cairnindia.com
	vii) URL of Website	:	www.cairnindia.com
	viii) GPS coordinates of HCF or CBMWTF	:	16.485767, 82.092117
	ix) Ownership of HCF or CBMWTF:	:	OHC within an industrial Establishment
	x) Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Authorization No.: HCF-S. Yanam- /APPCB/RO/KKD/BMWM/2019-912 Valid: One Time Authorization
xi) Status of Consents under Water Act and Air Act	:	Valid for Lifetime (one time Authorization)	
2	Type of Health Care Facility	:	Occupational Health Centre
	i) Bedded Hospital	:	No. of Beds: Nil
	ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	Occupational Health Centre- Clinic
	iii) License number and its date of expiry	:	Not Applicable
3	Details of CBMWTF	:	Not Applicable.
	i) Number healthcare facilities covered by CBMWTF	:	Not Applicable
	ii) No of beds covered by CBMWTF	:	Not Applicable
	iii) Installed treatment and disposal capacity of CBMWTF	:	Not Applicable
	iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	Not Applicable
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category: 13.145 KG (includes Expiry medicines, soiled waste and chemical liquid waste Generated and Disposed. Sudden increase due to Covid related PPE like mask etc., Red Category: 0.205 KG White: 0 KG Blue Category: 0 KG

5	Details of the Storage, treatment, transportation, processing, and Disposal Facility	
	i) Details of the on-site storage facility	: Size: Colour coded Dustbins provided as per BMW Rules : Capacity: 10 litres Each : Stored at a designated location
	ii) Disposal facilities: Waste is treated by disinfectants, autoclaving, and destruction & shredding; deep buried in pit / Incineration at Captive incinerator and ash disposal at captive secured landfill.	: Biomedical Waste generating from OHC being stored in a colour coded container, and needles being destroyed through Needle cutter and other Biomedical waste being sterilized by Sodium Hypochlorite and further handed over to CBMWTF designated by APCCB. Refer Annexure-1: Biomedical Waste Generation & Disposal Details
	iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	: NIL
	iv) No of vehicles used for collection and transportation of Biomedical waste	: One Vehicle
	v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	: Not Applicable
	vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	: M/s EVB technologies Pallakadiyam, Kanavaram Rajanagaram, East Godavari
	vii) List of members HCF not handed over bio-medical waste.	: Not Applicable
6	Do you have Bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	: Not Applicable
7	Details trainings conducted on BMW	
	i) Number of trainings conducted on BMW Management.	: Two
	ii) Number of personnel trained	: 5
	iii) Number of personnel trained at the time of induction	: All Occupational Health Centre Staff
	iv) Number of personnel not undergone any training so far	: NIL
	v) Whether Standard manual for training is available?	: Yes
	vi) any other information	: Standard Operating Procedure is being followed for BWM management.
8	Details of the accident occurred during the year	
	i) Number of Accidents occurred	: NIL
	ii) Number of the persons affected	: NIL
	iii) Remedial Action taken (Please attach details if any)	: Not Applicable
	v) Any Fatality occurred, details.	: Not Applicable

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
	Details of continuous online emission monitoring systems installed	:	Not Applicable
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	Nil
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	:	NA
12	Any other relevant information	:	-

Certified that the above report is for the period from 01.01.2023 to 31.12.2023

for Sridharan

Name and Signature of the Head of the Organization

Date: 07.06.2024
Place: Ravva Onshore Terminal
S'Yanam, DR.B.R.Ambedkar
Konaseema

Annexure-1 Biomedical Waste Generation Details 2023

S. No	BMW Category	Type of Waste	Units	Authorized Quantity	Qty. of waste Generated & Disposed from OHC at Ravva Onshore Terminal 2023												Total (kgs)	Disposal Method and Biomedical waste Authorization
					Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23		
1	Yellow	Expired and discarded medicines/ Soiled waste/ Chemical/ Liquid waste	Kgs	6.05 Kgs/day	2.17	1.820	2.55	2	1.03	0.555	0.460	0.480	0.530	0.51	0.53	0.51	13.145	All BMW generated are disposed to Andhra Pradesh Pollution Control Board authorized disposal facility: M/s EVB technologies Pallakadiyam, Kanavaram Rajanagaram, East Godavari
2	Red	Contaminated waste (recyclable)	Kgs	0.1 Kgs/day	0	0	0	0	0	0.09	0.08	0.035	0	0	0	0	0.205	
3	White Translucent	Waste sharp including metals	Kgs	0.5 Kgs/day	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	Blue	Glassware	Kgs	0.1 Kgs/day	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total (kgs)					2.17	1.82	2.55	2	1.03	0.645	0.54	0.515	0.53	0.51	0.53	0.51	13.35	