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## STATE POLLUTION CONTROL BOARD, ODISHA

[DEPARTMENT OF FOREST & ENVIRONMENT, GOVERNMENT OF ODISHA]  
Paribesh Bhawan, A/118, Nilakantha Nagar, Unit – VIII  
Bhubaneswar – 751 012, INDIA

No. 9341 / IND-IV-BW-358 (Pt)

Date: 30.09.2020

**BY SPEED POST/E-MAIL**

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To

Mr. B. Vinod Babu,  
AD & DH WMD-I,  
Central Pollution Control Board,  
(Ministry of Environment Forest & Climate, Govt. of India)  
'Parivesh Bhawan' East Arjun Nagar, Delhi-110 032

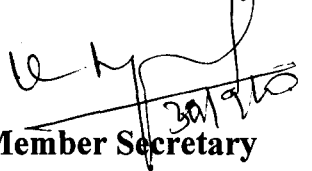
**Sub: Submission of Annual Report information on Biomedical Waste Management for the year 2019-Reg.**

Sir,

In inviting reference to the above, please find enclosed herewith the Annual Report for the Calendar Year – 2019 in the prescribed format.

**Encl: As above**

Yours faithfully

  
Member Secretary

"Form IVA  
[See rule 13(2)]

**Annual Report Information on Bio-medical Waste Management by the Odisha,  
State Pollution Control to CPCB for the period January, 2019 to December 2019**

Part-1 (Summary of Information)

(1) Name of the Organisation: State Pollution Control Board, Odisha

(2) Name of the Nodal Officer with contact telephone number and e-mail: Sri R. N. Prusty, Sr. Env. Engineer-L-I,  
Tel. No. 0674-2561918, E-mail: rnprusty29@gmail.com

(3) Total no. of Health Care Facilities / Occupiers: 3509

(i) Bedded Hospitals and Nursing Homes (bedded): 1426

(ii) Clinics, dispensaries: 2037

(iii) Veterinary institutions: 01

(iv) Animal houses: Nil

(v) Pathological laboratories: 35

(vi) Blood banks: 01

(vii) Clinical establishment:---

(viii) Research Institutions: 02

(ix) AYUSH: 07

(4) Total no. of beds: 45116

(5) Status of authorisation:

(i) Total number of Occupiers applied for authorisation: 1771

(ii) Total number of Occupiers granted authorisation: 1729

(iii) Total number of application under consideration: 42

(iv) Total number of applications rejected: Nil

(v) Total number of Occupiers in operation without applying for authorisation: 63

(6) Quantity of Bio-medical Waste Generation (in kg/day):

(i) Bio-medical waste generation by bedded hospitals(in kg/day) : 17595.24 kg/day

(ii) Bio-medical waste generation by non-bedded hospitals (in kg/day) : 397.9 kg/day

(iii) Any other :

Total : 17993.14 Kg/day

(7) Bio-medical waste treatment and disposal

(a) By Captive bio-medical waste treatment and disposal by Health Care Facilities

(i) Number of Health Care Facilities having captive treatment and Disposal facilities: 2705

(ii) Total bio-medical waste treated and disposed by captive treatment facilities in kg/day: 13546.64 kg/day

(b) Bio-medical waste treatment and disposal by Common Bio Medical Waste Treatment Facilities

(i) Number of Common Bio Medical Waste Treatment Facilities in Operation : 5

(ii) Number of Common Bio Medical Waste Treatment Facilities under construction: 2

(iii) Total bio-medical waste treated in kg/day: 3859.3 kg/day

(iv) Total treated bio-medical waste disposed through authorised recyclers (in Kg/day): ---

(8) Total no. of violation by:

(i) Health Care Facilities: 47 (bedded-11 and non-bedded-36)

(ii) Common Bio Medical Waste Treatment Facilities: Nil

(iii) Others (please specify)

(9) Show cause notices/directions issued to defaulters:

(i) Health Care Facilities

Show cause notices/directions issued-bedded and non-bedded): bedded-11 & non-bedded-36

(ii) Common Bio Medical Waste Treatment Facilities: Nil

(iii) Others: Nil

(10) Any other relevant information:

(i) Number of workshops / trainings conducted during the year: 22 (By Board & CBWTFs)

(ii) Number of occupiers installed liquid waste treatment facility: 70

(iii) Number of captive incinerators complying to the norms: Nil

(iv) Number of occupiers organised trainings: 07

(v) Number of occupiers constituted Bio-medical Waste Management Committees: 65

(vi) Number of occupiers submitted Annual Report for the previous calendar year: 3394

(vii) Number of occupiers practising pre-treatment of lab microbiology and Bio-technology waste: 1426

(viii) Number of Common Bio Medical Waste Treatment Facilities that have installed Continuous Online Emission Monitoring Systems-01

Part 4: Information on Common Bio-Medical Waste Treatment and Disposal Facilities (for the previous calendar Year .....

S. No.	Name and Address of the Common Bio Medical Waste Treatment Facilities with contact person name and telephone number	GPS Coordinates	Coverage Area in KMS	Name of the cities/ areas covered by Common Bio-Medical Waste Treatment Facilities	Total number of Health Care Facilities being covered	Total number of beds covered	Total Quantity of Bio-Medical Waste collected from member Health Care Facilities (in Kg/day)	Capacity of Treatment equipments Installed by Common Bio Medical Waste Treatment Facilities			Total BioMedical waste treated in kg/day	Method of Disposal of treated wastes (Incineration Ash/Sharps/Plastics)
								Equipment	Numbers	Total installed capacity (kg/day)		
1.	Ms. Sani Clean Pvt. Limited , Tangiapada, Khurda, Mr. Mahesh Agrawal Phone: (0674) 2556379 / 2553844(06755) 221869 Mobile: 9437077889	20.2076556, 85.608336	150	Duburi, Jaipur, Dhamra, Choudwar, Cuttack, Bhubaneswar, Paradeep, Jatni and Khurda	561	10,989	2627.4	Incinerator	02	100 kg/hr each	2627.4	Incinerator Ash Quantity:-: 10788 kg/A Disposed off in incineration ash pits.
								Plasma Pyrolysis	Nil	Nil		
								Autoclave	03	400 kg/hr		
								Hydroclave	Nil	Nil		
								Micro wave	Nil	Nil		
								Shredder	01	800 kg/d		
											Sharps- Disposed off in sharp pit. Quantity: 11261 kg/A	
												Plastics: Other plastic wastes are sold after shredding Quantity: 245483 Kg/A Sold to authorized

												recycler
								Sharps encapsulation or concrete pit	03	2.35 m <sup>3</sup> /pit		11261.0 Kg/A
								Deep burial pit	----	----		----
								Any other treatment equipment	----	----		----
								Effluent Treatment Plant	01	100 KL/D		ETP Sludge Quantity: 5350 Kg/A
2.	M/s. MediAid Marketing Services, (SCB Medical College and Hospital, Cuttack) Mr. Bipin Sarangi Plot no. N-3/445, IRC Village, Nayapalli, Bhubaneswar- 751 015, Mob: 09238399160	20.391508, 86.126989	30	Cuttack	6	3113	434.0	Incinerator	1*	70.0 kg/hr.	434.0	Incineration Ash: 1376.4 kg/A
				SCB MCH, SCB Dental, SVPPGIP, AHRCC, City Hospital and LHH				Plasma Pyrolysis	Nil	Nil		Quantity: Disposed by: Ash pit
								Autoclave	Nil	Nil		Sharps Quantity: 21094.8 kg/A Disposed by: sharp pit
								Hydro Clave	Nil	Nil		
								Microwave	03*	100 Lt/Cycle each		Plastics Quantity: 35578.0 kg/A
								Shredder	1*	100.0 kg/hr.		
								Sharps	4	3' x 4.5'		Disposed by-

								encapsulati on or concrete pit				shredded & micro waved
								Deep burial pits	5	2.5' x 5'		ETP Sludge: Quantity: Disposed by: ---
								Any other equipment				
								Effluent Treatment Plant	1	15 KLD		
3.	M/s. Mediaid Marketing Services, RGH Campus, Rourkela Mr. Bipin Sarangi Plot no. N-3/445, IRC Village, Nayapalli, Bhubaneswar- 751 015, Mob: 09238399160	22.365843, 84.731725	100	Rourkela, Sundargarh	72	2558	311.7	Incinerator	1**	70 kg/hr.	311.7	Incineration Ash Quantity: 633.6 kg/A Disposed by: Ash pit
								Plasma Pyrolysis	Nil	Nil		Sharps Quantity: 5608.8 kg/A Disposed by: sharp pit
								Autoclave	1**	60 Lt/Cycle		Plastics Quantity: 26206.5 kg/A Disposed by: shredded & micro waved
								Hydro clave	Nil	Nil		
								Microwave	Nil	Nil		ETP Sludge: Quantity: Disposed by:
								Shredder	2**	100 kg/hr. each		
								Sharps encapsulati on or concrete pit	4	3' x 4.5'		
								Deep burial pits	2	2.5' x 5'		ETP Sludge: Quantity: Disposed by:
								Any other equipment	---	---		
								Effluent Treatment Plant	1	15 KLD		

4.	M/s. Bio-Tech Solution, Berhampur (VSS Medical College and Hospital, Burla, Sambalpur) Sri Rajendra Kumar Sahu Jyoti Nagar, 2 <sup>nd</sup> Lane Extn. Berhampur-1, Dist: Ganjam, Phone no.9861716876/943 7260528	21° 30' 00" North, 83° 52' 00" South	150	Burla, Sambalpur, Rairakhol & Bargarh	53	1773	360.7 Kg/d	Incinerator	01***	70 kg/hr	360.7 Kg/d	Incinerator Ash: 3493.6 kg/A Disposed off in incineration ash pits.
								Plasma Pyrolysis	Nil	Nil		Sharps- Disposed off in sharp pit. Quantity: 7101.84 kg/A Disposed by--
								Autoclave	01***	600 L/cycle		Plastics:  Other plastic wastes are sold after shredding Quantity: 41693.96 kg/A  Disposed by--
								Hydroclave	Nil	Nil		
								Microwave	01***	100 Kg/hr.		Disposed by--
								Shredder	02***	100 kg/hr. each		
								Sharps encapsulation or concrete pit	02	2 X 2 meter		
								Deep burial pits	3	2 X 2 meter		
								Any other equipment				
								Effluent Treatment Plant	1	10 KLD		ETP Sludge: 1179.6 kg/A Land filling.



5.	M/s. Life Line Pharma, (MKCG Medical College and Hospital, Berhampur, Dist: Ganjam) Banita Panda, At: Jaya Prakash	---	---	MKCG MCH, Berhampur & City Hospital, Behampur	2	1156	125.5	Incinerator	1****	200 kg/hr.	125.5	Incineration Ash Quantity: 7 kg/d  Disposed by: Ash pit
								Plasma Pyrolysis	---	---		
								Autoclave	Nil	Nil		
								Hydroclave	Nil	Nil		
								Microwave	2****	100 Lt/Cycle & 60 Lt/Cycle		
								Shredder	1****	100 kg/hr. each		
								Sharps encapsulation or concrete pit	02	3'x4.5'		
								Deep burial pits	03	2.5' x 5'		
								Any other equipment				
Effluent Treatment Plant	1	40 KLD running on trial basis	ETP Sludge: 40 KLD Quantity: Disposed by:									

- (a) Total Number of transportation vehicles used for collection of Bio-medical Waste on daily basis by the Common Bio-Medical Waste Treatment Facilities: 20
- (b) List of Health Care Facilities not having membership with the Common Bio-Medical Waste Treatment Facilities and neither having captive treatment facilities: 185
- (c) Number of trainings organised by the Common Bio-Medical Waste Treatment Facility operators: 29
- (d) Number of Accidents reported by the Common Bio Medical Waste Treatment Facilities: 4

**NB:-**

- \* **Treatment facilities (Incinerator, microwave & shredder) of SCB Medical College & Hospital is being shared by the Government health care facilities of Cuttack for the treatment of biomedical wastes.**
- \*\* **Treatment facilities (Incinerator, Autoclave & shredder) of Rourkela Govt. Hospital is being shared by the health care facilities of Rourkela & Sundargarh for the treatment of biomedical wastes.**
- \*\*\* **Treatment facilities (Autoclave, Incinerator, microwave & shredder) of VSS Medical College & Hospital is being shared by the health care facilities of Burla, Sambalpur, Bargarh, Rairakhol etc. for the treatment of biomedical wastes.**
- \*\*\*\* **Treatment facilities (Incinerator, microwave & shredder) of MKCG Medical College & Hospital is being shared by the City Hospital, Berhampur for the treatment of biomedical wastes.**