



TAMIL NADU POLLUTION CONTROL BOARD

From

The Chairperson,
Tamil Nadu Pollution Control Board,
76, Mount Salai, Guindy,
Chennai – 600 032.

To

The Member Secretary,
Central Pollution Control Board,
Ministry of Environment, Forest & Climate
Change,
Parivesh Bhawan,
CBD-cum-Office Complex,
East Arjun Nagar, Shahdara,
Delhi –110032

Letter No. T6 / TNPCB / F. 33728 / BMW / 2025, Dated: 18.07.2025

Sir,

Sub: TNPCB–BioMedical Waste Management– Annual Report for the year 2024
under Bio Medical Waste Management Rules, 2016 as amended – Submitted
– Regarding.

Ref: Biomedical Waste Management Rules, 2016 as amended

I invite kind attention to the reference cited and enclose therewith the Annual Report on Bio-Medical Waste Management with respect to the State of Tamil Nadu in the prescribed Format of the CPCB (Form-IV A) for the year 2024 for information and necessary action.

Enclosure: Annual report for the year 2024

Suealaf
22/07/2025

For Chairperson

22
22.07.2025

No. 76, MOUNT SALAI, GUINDY, CHENNAI - 600 032.
Tel : 044-22353134 - 139 Fax : 044-22353068
Email : tnpqb-chn@gov.in Web : tnpqb.gov.in



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TAMIL NADU POLLUTION CONTROL BOARD



The Government

of Tamil Nadu

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THE TAMIL NADU POLLUTION CONTROL BOARD

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**FORMAT – IV A Bio Medical Waste Management Annual Report – January 2024 to
December 2024**

Part –I (summary of Information)		
Name of the State : Tamil Nadu		
1	Name of the organization	Tamil Nadu Pollution Control Board
2	Name of the Nodal Officer with contact telephone number and e-mail	Er.S. Malarvizhi, M.E, M.B.A Joint Chief Environmental Engineer TNPCCB Phone No: 044 - 22200790 Mail Id:jcee1chn@tnpcb.gov.in
3	Total No. of health care facilities/occupiers	31082
i	Bedded hospitals and nursing homes (bedded)	8343
ii	Clinics dispensaries	15926
iii	Veterinary institutions	1044
iv	Animal beds	541
v	Pathological laboratories	2181
vi	Blood banks	92
vii	Clinical establishment	2852
viii	Research Institutions	
i		31
ix	AYUSH	72
4	Total No.of beds	223478
5	Status of authorization	
i	Total number of occupiers applied for authorization	30934
ii	Total number of occupiers granted authorization	30878
iii	Total number of application under consideration	23
iv	Total number of applications rejected	33
v	Total number of occupiers in operation without applying for authorisation	148
6	Quantity of Bio Medical Waste generation (in kg/day)	
i	Bio-medical waste generation by bedded hospitals (in kg/day)	49048.143
ii	Bio-medical waste generation by non-bedded hospitals (in kg/day)	11675.551
iii	Any other	0
	Total (KG/day)	60723.694
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	0
ii	Total bio medical waste treated and disposed by captive treatment facilities in kg/day	0
(b)	Bio Medical Waste treatment & disposed by CBMW facility as per Part-4)	

i	No.of CBMW treatment facilities in operation	13 (Out of the 13 facilities, M/s. Neat and Clean Service Squad, Keelakottai Village, Paramakudi Taluk, Ramanathapuram District is not under operation and M/s. Resustainability Healthcare Solutions Limited, Undurumikidaikulam Village, Thiruchuli Taluk, Virudhunagar District is under closure
ii	No.of CBMW treatment facilities under construction	1 (M/s. Medicare Environmental Management Private Limited, Seikalathur Village, Manamadurai Taluk, Sivagangai District
iii	Total bio-medical waste treated in kg/day	60724.121
iv	Total treated bio-medical waste disposed through authorized recyclers (in kg/day)	8911.32
8	Total No.of violation by	
i	Health Care facilities (bedded and non-bedded)	1
ii	CBMW Treatment facilities	3
iii	Others (Please specify)	0
9	Show cause notice/direction issued to defaulter	
i	CBMW treatment facilities	3
ii	Others	1
10	Any other relevant information	
I	No.of workshop/trainings conducted during the year	1747
ii	No.of occupiers installed liquid waste treatment facility	9558
iii	No.of captive incinerators complying to the norms	0
iv	No.of occupiers organized trainings	1135
v	No.of occupiers constituted BMWM Committees	1
vi	No.of occupiers submitted Annual Report for the previous calendar year	3036
vii	No.of occupiers practicing pre-treatment of lab microbiology and Bio-technology waste	3569
vii	No. of CBMW Treatment Facilities that have installed	
i	Continuous Online Emission Monitoring Systems	11

Part 2 District – wise Bio Medical Waste Generation (for the previous calendar year 2024)				
S.No	Name of the District	Bio-medical Waste Generation (in kg/day)	Existing total bio-medical waste treatment capacity (both captive and CBMWTF) in kg/day	
			Equipment	Total
1	Ariyalur	261	Incinerator	3600 kg/day
2	Perambalur	436		
3	Pudukkottai	391	Autoclave	2000 kg/day
4	Thanjavur	824		
5	Trichy	1200	Deep Burial	-
6	Sivagangai	486		
7	Ramanathapuram	219.34	Any other	Shredder - 1100 kg/day
8	Thiruvarur	309		
9 & 10	Nagapattinam & Mayiladuthurai	626		
			Equipment	Total
11	Madurai	1758	Incinerator	3299 Kg/Day
12	Dindigul	720		
13	Virudhunagar	666		
14	Theni	511	Autoclave	825 Kg/Day
15	Salem,	757		
16	Namakkal	602	Deep Burial	-
17	Karur	476	Any other	-
18	Erode	918		
			Equipment	Total
19	Dharmapuri	617.53	Incinerator	1550 Kg/Day
			Autoclave	450 Kg/Day
20	Krishnagiri	1139.89	Deep Burial	-
			Any other	-
			Equipment	Total
21	Cuddalore	1100	Incinerator	10000 kg/Day
			Autoclave	2560 kg/Day
22	Villupuram	298.005	Deep Burial	-
			Any other	-
			Equipment	Total
	Cuddalore	356.69	Incinerator	4000 kg/Day
			Autoclave	3000 kg/Day
23	Villupuram & Kallakurichi	597	Deep Burial	-
			Any other	-
			Equipment	Total
24	Coimbatore	10534.9	Incinerator	11500 kg/Day
25	Tiruppur	1636.786	Autoclave	15400 kg/Day
26	Nilgiris	265.4	Deep Burial	---
			Any other	---
			Equipment	Total
27	Kanyakumari	1833	Incinerator	4000 Kg/Day
28	Tenkasi	567	Autoclave	3200 Kg/Day
29	Tirunelveli	1134	Deep Burial	-
30	Thoothukudi	829	Any other (Shredder)	-
			Equipment	Total
31	Chengalpattu	3958	Incinerator	15300
			Autoclave	11000
32	Kancheepuram	1120.09	Deep Burial	
			Any other (Shredder)	
			Equipment	Total
33	Chennai	16300.69	Incinerator	4800 kg/day and 6000 kg/day
			Autoclave	1200 kg/day and 2400 kg/day
			Deep Burial	1000
			Any other (Shredder)	
			Equipment	Total
34	Thiruvallur	778.73	Incinerator	9500 kg/day
			Autoclave	8000 kg/day
			Deep Burial	
			Any other (Shredder)	
			Equipment	Total
35	Vellore	3505	Incinerator	6000 Kg/Day
36	Vaniyambadi-Tirupathur	250	Autoclave	8100 Kg/Day
37	Tiruvannamalai	550	Deep Burial	

Part 3 Information on Health care facilities having captive treatment (for the previous calendar year 2024)										
S.No	Name and address of the Health care facility	Yellow	Red	Blue	White	Total bio-medical waste generated (in kg/day)	Incinerator	Autoclave	Deep Burial	Any other
- NIL -										
						Total bio-medical Waste treated and disposed by Health care facilities in kg/day				
						Incinerator				
						Autoclave				
						Deepburial				
						any other				

2	M/s. Resustainability Healthcare Solutions Limited, Undurumikidakulam Village, Thiruchuli Taluk, Virudhunagar District – 630611, Mr.Govindan Mob.No: 9677122720	9.69 N, 79.24 E	350 Kms	Madurai Dindigul Virudhunagar Thenkasi (GH alone) Ramanathapuram	3100	30216	3863	<table><tr><th>Equipment</th><th>Numbers</th><th>Total installed capacity (kg/day)</th></tr><tr><td>Incinerator</td><td>1</td><td>2800 kg/day</td></tr><tr><td>Plasma Pyrolysis</td><td>-</td><td>-</td></tr><tr><td>Autoclave</td><td>1</td><td>1215 kg/day</td></tr><tr><td>Hydroclave</td><td>-</td><td>-</td></tr><tr><td>Microwave</td><td>-</td><td>-</td></tr><tr><td>Shredded</td><td>2</td><td>2400 & 1800 kg/day</td></tr><tr><td>Sharps Encapsulation or concrete pit</td><td>2</td><td>-</td></tr><tr><td>Deep burial pits</td><td>-</td><td>-</td></tr><tr><td>Any other equipment</td><td>-</td><td>-</td></tr><tr><td>Effluent Treatment Plant</td><td>1</td><td>8 KLD</td></tr><tr><td>Sub-total</td><td></td><td></td></tr></table>	Equipment	Numbers	Total installed capacity (kg/day)	Incinerator	1	2800 kg/day	Plasma Pyrolysis	-	-	Autoclave	1	1215 kg/day	Hydroclave	-	-	Microwave	-	-	Shredded	2	2400 & 1800 kg/day	Sharps Encapsulation or concrete pit	2	-	Deep burial pits	-	-	Any other equipment	-	-	Effluent Treatment Plant	1	8 KLD	Sub-total			3863	Facility not in operation. All the waste collected were handed over to M/s. Re Sustainability Healthcare Solutions Ltd.,No:10/1A(P), Thangayur Village, EdappadiTaluk, Salem Dt - 637 102 & Incineration Ash sent to TSDF Gummidipoondi.
Equipment	Numbers	Total installed capacity (kg/day)																																												
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Effluent Treatment Plant	1	8 KLD																																												
Sub-total																																														
3	M/s Neat and Clean Service Squad, Keelakottai Village, ParamakudiTaluk, Ramanathapuram District. 206.34 Kg/day (AVG) Thiru.S.V.Pathy Mob. No: 8220042006	9°26'08.5 N, 78°40'37.8"E	150	Ramanadhapuram and Manamadurai taluk	393	1599	219.34	<table><tr><th>Equipment</th><th>Numbers</th><th>Total installed capacity (kg/day)</th></tr><tr><td>Incinerator</td><td>-</td><td>-</td></tr><tr><td>Plasma Pyrolysis</td><td>-</td><td>-</td></tr><tr><td>Autoclave</td><td>-</td><td>-</td></tr><tr><td>Hydroclave</td><td>-</td><td>-</td></tr><tr><td>Microwave</td><td>-</td><td>-</td></tr></table>	Equipment	Numbers	Total installed capacity (kg/day)	Incinerator	-	-	Plasma Pyrolysis	-	-	Autoclave	-	-	Hydroclave	-	-	Microwave	-	-	219.34	As the CBMWTF is under closure, the collected BMWs were disposed through M/s.Medicare Enviro System, Tanjavur																		
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									M/s. Medicare Enviro System, Tanjavur	
4	M/s. Re Sustainability Healthcare Solutions Ltd., No:10/1A(P), Thangayur Village, Edappadi Taluk, Salem Dt - 637 102	Longitude: 77.850794 Latitude: 11.552937	75	1.Salem, 2.Namakkal 3.Kumarapalayam 4.Erode 5.Perundurai	3148	23353	2277	Shredded - Sharps - Encapsulation or concrete pit - Deep burial pits - Any other equipment - Effluent Treatment Plant - Sub-total -	- - - - -	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
5	M/s. Resustainability IWM Solutions Limited, Plot No:141A/ SF.No:726,Sipcot Industrial Complex ,Bargur,Pochampalli(Tk),Krishnagiri District – 635 206	12.3093857, 78.4025276	65	Dharmapuri and Krishnagiri	1137	9849	1757.42	Incinerator 1 Plasma Pyrolysis - Autoclave 1 Hydroclave - Microwave - Shredder - Sharps - encapsulation or concrete pit - Deep burial pits - Any other equipment - Effluent treatment plant -	1550 kg/day - 450 kg/day -	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers

Location, Village/panchayat, District Contact Person: Mr. Sreedhar Reddy, Mob No. 9047011161										<table><tr><td>Autoclave</td><td>1</td><td>3000 kg/day</td></tr><tr><td>Hydroclave</td><td>NIL</td><td>NIL</td></tr><tr><td>Microwave</td><td>NIL</td><td>NIL</td></tr><tr><td>Shredder</td><td>2</td><td>80 kg/day</td></tr><tr><td>Sharps encapsulation or concrete pit</td><td>3</td><td>Size (1m x 1m x 0.85m)</td></tr><tr><td>Deep burial pits</td><td>NIL</td><td>NIL</td></tr><tr><td>Any other equipment</td><td>NIL</td><td>NIL</td></tr><tr><td>Effluent treatment plant</td><td>1</td><td>5 KLD</td></tr><tr><td>Sub-total</td><td></td><td></td></tr><tr><td>Sub-total</td><td></td><td></td></tr></table>		Autoclave	1	3000 kg/day	Hydroclave	NIL	NIL	Microwave	NIL	NIL	Shredder	2	80 kg/day	Sharps encapsulation or concrete pit	3	Size (1m x 1m x 0.85m)	Deep burial pits	NIL	NIL	Any other equipment	NIL	NIL	Effluent treatment plant	1	5 KLD	Sub-total			Sub-total						
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Tekno Thermindustries 5-7/1, 1st floor, Northhuzur Road, Nearcodissia Towerbuilding, Coimbatore-641018. Contact, Person: Mr. Sudhakarcontact No:9626822000mail: Teknotherm@Gmail.Com. Factory Add: S.F.no:183/1a,Orattukuppai village,Chettpalayam,Coimbatore-641201.		Lat: 10.9311815 Long: 77.067185		75		Coimbatore and Tiruppur		979		20748		10714.0		10714.0		Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers																													

9	Kovai Biowaste Management(P) Ltd 402,4th Floor, Ramanis Frasers Square, Goods Shed Road, Near Old Fly Over, Coimbatore-641001 Contact Person Mrs.S. Bhuvaneswari, Contact No:9894012222, Mail Id: KovaiBiowaste@gmail.com, Factory Address: Sf.No:87/2 Orratukupi Village, Chettipalayam, Podanur, Coimbatore-641201	Lat: 10.936360 Long: 77.047482	75	Coimbatore, Tiruppur and Ooty	3021	6697	1723.1	Effluent treatment plant Sub-total Incinerator Plasma Pyrolysis Autoclave Hydroclave Microwave Shredder Sharps encapsulation or concrete pit Deep burial pits Any other equipment Effluent treatment plant Sub-total	1 1 1 1 6 - 2 1 12	25 KLD 5500 kgs/day 4400 kgs/day 15400 2200 kgs/day	1723.1	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
10	M/s.Aseptic SystemsBio Medical Waste Management Company, S.F. No.1024, 1025/1, 3 etc., Pappankulam Village, Nanguneri Taluk, Tirunelveli District.	Longitude: 77.73575 Latitude: 8.47752	100	1.Tirunelveli, 2.Tenkasi, 3.Thoothukudi 4.Kanyakumari Districts	3081	26276	4362	Incinerator Plasma Pyrolysis Autoclave Hydroclave Microwave Shredder Sharps encapsulation or concrete pit	1 - 1 - - 1 -	4000 kg/day 3200 kg/day 1700 kg/day -	4362	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers

[illegible]

DIS 1. 632 106
Mr. N. Sivasubramanian,
Mobile : 9962311011.

13	M/s Re Sustainability IWM Solutions Limited, Gummidipoondi, Thiruvallur District	Latitude 13.41735N, Longitude 80.10506E	75 kms radius	Chennai Dist & Thiruvallur Dist	4007	1661.9	1661.9	Shredder	2	1800 kg/day	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through renderers
								Needle tip cutter or destroyer	1		
								Sharps encapsulation or concrete pit	8	4 in Operation	
								Chemical disinfection	1		
								Any other treatment equipment	1	ETP for liquid waste streams coming along with the wastes mixed along with plant effluent and treated 12 KLD capacity	
								Sub-total			
								Incinerator	1	5000 kg/day	
								Plasma			
								Pyrolysis			

Autoclave	1	5600 kgs/day
Hydroclave		
Microwave		
Shredder	2	5000 kgs/day
Sharps encapsulation or concrete pit		
Deep burial pits		
Any other equipment		
Effluent treatment plant		8 KLD
Sub-total		

Name of the organization	a. Total number of transportation vehicle used for collection of bio-medical waste on daily basis by the common bio-medical waste treatment facilities	b. List of health care facilities not having membership with the common bio-medical waste treatment facilities and neither having captive treatment facilities	c. Number of training organized by the common bio-medical waste treatment facility operators	d. Number of Accidents reported by the common bio medical waste treatment facilities
Total	279	0	2441	0

Shalini P

For Chairperson 22/02/2025

22.02.2025

