



TAMIL NADU POLLUTION CONTROL BOARD



From

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

To

The Member Secretary,
Central Pollution Control Board,
Ministry of Environment, Forest & CC,
Parivesh Bhawan, CBD-cum-Office Complex,
East Arjun Nagar, Shahdara,
Delhi – 110 032.

Letter No. T3 / TNPCB / F.33728 / 2022 / BMW / 2025, Dated: 04.11.2025

Sir,

Sub: TNPCB – Biomedical Waste Management – Clarification and Revised Annual Report for the year 2024 – Submitted – Regarding.

Ref: 1. Letter No. T6 / TNPCB / F.33728 / BMW / 2025, dated: 18.07.2025
2. CPCB Letter No. F. No. B-31011 / BMW (C.No.22212) / 2025 / WMD-I, dated: 13.10.2025

I invite kind attention to the reference 1st cited, wherein, the Annual Report for the year 2024 was submitted to the CPCB as per the Biomedical Waste Management Rules, 2016 as amended.

In this regard, vide reference 2nd cited, certain clarification was called for and the same is furnished as follows. Further, a revised Annual Report for the year 2024 with updated / corrected details is enclosed for information please.

S. No.	CPCB queries	TNPCB clarification
1.	Out of 31082 nos. of HCFs, 148 nos. of HCFs in operation without applying authorization	As on September 2025, 32340 nos. of HCFs have been issued with authorization under BMW Rules, 2016.
2.	Nos. of HCFs (31427 Nos.) are utilizing CBWTFs is more than the total nos. of HCFs (31082 Nos.) operational in the State.	
3.	Information of total BMW treated and disposed of (60724.121 kg/day) is more than the total generated BMW (60723.694 kg/day).	The quantity of biomedical wastes generated as well as treated / disposed is 60723.7 kg/day. Difference of values is only due to rounding off of the values.
4.	Kindly provide the information regarding nos. of deep burials installed by the HCFs / CBWTFs.	There are no deep burial pits installed by CBWTFs in Tamil Nadu and the number shown in the annual report was a typographical error.

Encl: As above

S. Kalanithi
06/11/2025
For Member Secretary

N. S. S. S.
6/11/25

No. 76, MOUNT SALAI, GUINDY, CHENNAI - 600 032.

Tel : 044-22353134 - 139 Fax : 044-22353068

Email : tnpceb-chn@gov.in Web : tnpceb.gov.in

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

189

Part –I (summary of Information)		
Name of the State : Tamilnadu		
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 TNPCB 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	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)	49048.1
ii	Bio-medical waste generation by non-bedded hospitals (in kg/day)	11675.6
iii	Any other	0
	Total (kg/day)	60723.7
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	11
ii	No.of CBMW treatment facilities under construction	2 M/s. Medicare Environmental Management Private Limited, Seikalathur Village, Manamadurai Taluk, Sivagangai District and M/s. S Growth Alliance LLP, S.F. No.58/1, 58/2, 59/1A (Pt) & 59/1B (pt), Melpakkam Village, Uthiramerur Taluk, Kancheepuram District

iii	Total bio-medical waste treated in kg/day	60723.7
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
viii	No. of CBMW Treatment Facilities that have installed Continuous Online Emission Monitoring Systems	8

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	270	Incinerator	3600 kg/day
2	Perambalur	444		
3	Pudukkottai	399	Autoclave	2000 kg/day
4	Thanjavur	832		
5	Trichy	1209	Deep Burial	-
6	Sivagangai	493		
7	Ramanathapuram	228.34	Any other	Shredder - 1100 kg/day
8	Thiruvannamalai	317		
9 & 10	Nagapattinam & Mayiladuthurai	634		
			Equipment	Total
11	Madurai	1766	Incinerator	3299 Kg/Day
12	Dindigul	729		
13	Virudhunagar	674		
14	Theni	519	Autoclave	825 Kg/Day
15	Salem	765		
16	Namakkal	610	Deep Burial	-
17	Karur	485	Any other	-
18	Erode	926		
			Equipment	Total
19	Dharmapuri	625.53	Incinerator	1550 Kg/Day
			Autoclave	450 Kg/Day
20	Krishnagiri	1146.89	Deep Burial	-
			Any other	-
			Equipment	Total
21	Cuddalore	1109	Incinerator	10000 kg/Day
			Autoclave	2560 kg/Day
22	Villupuram	303.005	Deep Burial	-
			Any other	-
			Equipment	Total
	Cuddalore	364.69	Incinerator	4000 kg/Day
			Autoclave	3000 kg/Day
23	Villupuram & Kallakurichi	605	Deep Burial	-
			Any other	-
			Equipment	Total
24	Coimbatore	10542.9	Incinerator	11500 kg/Day
25	Tiruppur	1644.786	Autoclave	15400 kg/Day
26	Nilgiris	274.4	Deep Burial	---
			Any other	---
			Equipment	Total
27	Kanyakumari	1840	Incinerator	4000 Kg/Day
28	Tenkasi	574	Autoclave	3200 Kg/Day
29	Tirunelveli	1141	Deep Burial	-
30	Thoothukudi	835	Any other (Shredder)	-
			Equipment	Total
31	Chengalpattu	3964	Incinerator	15300
			Autoclave	11000
32	Kancheepuram	1125.09	Deep Burial	
			Any other (Shredder)	
			Equipment	Total
33	Chennai	16305.69	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	784.73	Incinerator	9500 kg/day
			Autoclave	8000 kg/day
			Deep Burial	
			Any other (Shredder)	
			Equipment	Total
35	Vellore	3511	Incinerator	6000 Kg/Day
36	Vaniyambadi- Tirupathur	257	Autoclave	8100 Kg/Day
37	Tiruvannamalai	559.643	Deep Burial	
38	Ranipet	1910	Any other (Shredder)	

Part 3 Information on Health care facilities having captive treatment (for the previous calendar year 2024)

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	Total bio-medical Waste treated and disposed by Health care facilities in kg/day
- NIL -											Incinerator Autoclave Deepburial any other

Part 4 information on Common Bio medical waste treatment and disposal facilities (for the previous calendar year 2024)

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 CBMWTFs	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			Total bio-medical waste treated in Kg/day	Method of disposal of treated wastes (incineration ash/sharps /plastics)
								Equipment	Numbers	Total installed capacity (kg/day)		
1	M/s. Medicare Enviro Systems, S.No. 208 & 209, Ayyothipatti Road, Sengipatti Village, Thanjavur -613402 K.Velmurugan, Manager, 96002 88998	10.7141° N, 78.9557° E	140 R	Thanjavur, Trichy, Pudukottai, Sivagangai, Nagapattinam, Tiruvannamalai, Ariyalur & Mayiladuthurai Ramanadhapuram and Manamadurai taluk	5297	40126	3848.610	Incinerator	1	3600 kg/day	3848.610	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
								Plasma Pyrolysis	0			
								Autoclave	1	2000 kg/day		
								Hydroclave	-	-		
								Microwave	0			
								Shredder	1	1100 kg/day		
								Sharps encapsulation or concrete pit	20	1.0 m dia x 1.65 m depth each		
								Deep burial pits	-	-		
								Any other equipment	0			
								Effluent treatment plant	1	1500 LPD		
								Sub-total				

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 Theni	3100	30216	4051.110	Equipment	Numbers	Total installed capacity (kg/day)	4051.110	Facility not in operation. All the waste collected were handed over to M/s. Re Sustainability Healthcare Solutions Ltd., Salem & Gummidipoondi.
								Incinerator	1	2800 kg/day		
								Plasma Pyrolysis	-	-		
								Autoclave	1	1215 kg/day		
								Hydroclave	-	-		
								Microwave	-	-		
								Shredded	2	2400 & 1800 kg/day		
								Sharps	2	-		
								Encapsulation or concrete pit	-	-		
								Deep burial pits	-	-		
3	M/s Neat and Clean Service Squad, Keelakottai Village, Paramakudi Taluk, 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	322.610	Equipment	Numbers	Total installed capacity (kg/day)	322.61	As the CBMWTF is under closure, the collected BMWs were disposed through M/s. Medicare Enviro System, Tanjavur
								Incinerator	-	-		
								Plasma Pyrolysis	-	-		
								Autoclave	-	-		
								Hydroclave	-	-		
								Microwave	-	-		
								Shredded	-	-		
								Sharps	-	-		
								Encapsulation or concrete pit	-	-		
								Deep burial pits	-	-		
								Any other equipment	-	-		
								Effluent	-	-		
								Treatment Plant	-	-		
								Sub-total	-	-		

197

	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 6. Karur	3148	23353	2786.000	Incinerator	1	3300 kg/day	2786.000	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
								Plasma Pyrolysis	-	-		
								Autoclave	1	825 kg/day		
								Hydroclave	-	-		
								Microwave	-	-		
								Shredder	-	-		
								Sharps encapsulation or concrete pit	-	-		
								Deep burial pits	-	-		
								Any other equipment	-	-		
								Effluent treatment plant	-	1.8 KLD		
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	1772.420	Incinerator	1	1550 kg/day	1772.420	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
								Plasma Pyrolysis	-	-		
								Autoclave	1	450 kg/day		
								Hydroclave	-	-		
								Microwave	-	-		
								Shredder	-	5500 kg/day		
								Sharps encapsulation or concrete pit	-	7000 kg/day		
								Deep burial pits	-	-		
								Any other equipment	-	-		
								Effluent treatment plant	-	8 KLD		

6	M/s.Pondicherry Solid waste management company pvt ltd Name:N.Srinivasaprabhu, Director & CEO Ph.9894199152	Lat: 11.517155 Long: 79.196589	75km	Covering District of Cuddalore, Villupuram, Kallakurichi, Ariyalur, Perambalur	1008	4337	2444.500	Incinerator	1	10000 kg/day	2444.500	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
								Plasma Pyrolysis	Nil	Nil		
								Autoclave	1	2560 kg/day		
								Hydroclave	NIL	NIL		
								Microwave	NIL	NIL		
								Shredder	1	5500 kg/day		
								Sharps encapsulation or concrete pit	1	Size(1m x 1m x 0.85m)		
								Deep burial pits	-	-		
								Any other equipment	NIL	NIL		
								Effluent treatment plant	1	10 KLD		
								Sub-total				
7	Re Sustainability IWM Solutions Ltd, R.S.No. 29/3, Kinnar Village, Madhuranthagam Taluk, Chengalpattu District Contact Person: Mr. Sreedhar Reddy, Mob No. 9047011161	Lat: 12.5290900 Long: 79.9538010	75 km	Covering District of Cuddalore & Villupuram	579	7741	516.190	Incinerator	1	4500 kg/day	516.190	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
								Plasma Pyrolysis	NIL	NIL		
								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	-	-		
								Any other equipment	NIL	NIL		
								Effluent treatment plant	1	5 KLD		
								Sub-total				
								Sub-total				

0	Tekno Thermindustries 5-7/1, Illoor, Northhuzur Road, Nearcodissia Towerbuilding, Coimbatore-641018. Contact, Person: Mr. Sudhakar contact No: 9626622000 mail: Teknotherm@gmail.com Factory Add: S.No: 183/1a, Orattukuppalvillage, Chettipalayam, Coimbatore-641201.	Lat: 10.9311815 Long: 77.067185	75	Coimbatore and Tiruppur	979	20748	6093.843	Incinerator	1	6000 kg/day	6093.843	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
								Plasma Pyrolysis				
								Autoclave		11000 kg/day		
								Hydroclave				
								Microwave				
								Shredder	1	2200 kg/hr		
								Sharps encapsulation or concrete pit	2			
								Deep burial pits	-	-		
								Any other equipment	1	Chemical disinfectant 2 Tons/day		
								Effluent treatment plant	1	25 KLD		
								Sub-total				
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. Bhuvaneshwari, Contact No: 9894012222, Mail id: Kovalbiowaste@gmail.com, Factory Address: S.No: 87/2 Orattukuppal Village, Chettipalayam, Podanur, Coimbatore-641201	Lat: 10.936360 Long: 77.047482	75	Coimbatore, Tiruppur and Ooty	3021	6697	6368.243	Incinerator	1	5500 kgs/day	6368.243	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
								Plasma Pyrolysis				
								Autoclave	1	4400 kgs/day		
								Hydroclave		15400		
								Microwave				
								Shredder	1	2200 kgs/day		
								Sharps encapsulation or concrete pit	6			
								Deep burial pits	-	-		
								Any other equipment	2			
								Effluent treatment plant	1			
								Sub-total	12			

10	M/s Aseptic Systems Bio 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	4103.000	Incinerator	1	4000 kg/day	4103.000	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
							Plasma Pyrolysis	-				
							Autoclave	1	3200 kg/day			
							Hydroclave	-				
							Microwave	-				
							Shredder	1	1700 kg/day			
							Sharps encapsulation or concrete pit	42	-			
							Deep burial pits	-	-			
							Any other equipment	-	-			
							Effluent treatment plant	1	15 KLD			
							Sub-total	46				
11	M/s G.J Multiclave (India) Private Limited, S.F. no. 245 & 247 Thenmelpakkam Village, Chengalpattu Taluk, Chengalpattu District Contact Person: Mr. Sivakumar, Mob No.8754597155	Lat 12.74449 Lon 80.033245	80	Chengalpattu District, Parts of Chennai District, Thiruvallur District and Kancheepuram District	6676	37282	13634.300	Incinerator	2	4800 kg/day and 6000 kg/day	13634.300	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
							Plasma Pyrolysis					
							Autoclave	2	1200 kg/day and 2400 kg/day			
							Hydroclave					
							Microwave					
							Shredder					
							Sharps encapsulation or concrete pit	500				
							Deep burial pits	-	-			
							Any other equipment					
							Effluent treatment plant		25 KLD			
							Sub-total					

2	M/s KEN BIO LINKS PVT. LTD., 1/150, SLRS HOSPITAL ROAD, KANDIPEDU VILLAGE, KATPADI (T.K), VELLORE DIST. 632 106 Mr.N.Sivasubramanian, Mobile : 9962311011.	Latitude 13 001681N & Longitude 79.194363E	130	Ranipet, Vellore, Thiruvanamalai & Thirupattur	1993	14487	6237.643	Incinerator	1	6000 Kg/day	6237.643	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
								Autoclave	1	8100 Kg/day		
								Shredder	2	1800 kg/day		
								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				

13	M/s Re Sustainability /WM Solutions Limited, Gummipoondi, Thiruvallur District	Latitude 13.41735N, Longitude 80.10506E	75 kms radius	Chennai Dist & Thiruvallur Dist	1015	4007	8545.210	Incinerator	1	5000 kg/day	8545.210	Incineration Ash - disposed through TSDF Waste sharps - Sharp pits Plastics - Disposed through recyclers
								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

Shirley
06/11/2015
For Member Secretary

N.B. 6/11/15