



TAMIL NADU POLLUTION CONTROL BOARD



From

Thiru. R. Kannan, M.Tech., Member Secretary, Tamil Nadu Pollution Control Board, No.76, Mount Salai, Guindy Chennai – 600 032

To

The Chairman, Central Pollution Control Board, Parivesh Bhawan, C.B.D. Cum –Office Complex, East Arjun Nagar,Shahdara New Delhi-110032.

Letter No. T3/TNPCB/SWM/F.32363/2023 Dated: 18.08.2023

Sir,

Sub: Tamil Nadu Pollution Control Board –Implementation of Solid Waste Management Rules, 2016 for the state of Tamilnadu – Annual report in Form V - Furnished–Regarding

I invite your kind attention to the subject cited. In this connection, I enclose herewith the Annual Report on implementation of Solid Waste Management Rules, 2016 for the state of Tamilnadu in the prescribed Form V for the year 2022-2023 for favour of kind information.

Enclosure: As above

For Member Secretary

8108/2023

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

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Form - V

[see rule 24(3]

Format of annual report to be submitted by the state pollution control Board or pollution control committee committees of the central pollution control board.

PART A

To

The Chairman Central Pollution Control Board, PariveshBhawan, East Arjun Nagar, Delhi-110032.

1.	Name of the State	Tamil Nadu
2.	Name & address of the State Pollution Control Board	Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600032.
3.	Number of local bodies responsible for management of solid waste in the State under these rules.	Corporation - 21 Municipalities – 138 Town Panchayats - 490
4.	No. of authorisation application Received.	226
5.	A Summary Statement on progress made by local body in respect of Solid Waste Management	Annexure – I
6.	A Summary Statement progress made by local bodies in respect of waste collection, segregation, transportation and disposal.	Annexure – II
7.	A Summary statement on progress made by local bodies in respect of implementation of schedule II	Annexure - III

Towns/cities	PART B
Total number of ULBs	649
Total number of Corporations	21
Total number of Municipalities	138
Total number of Town Panchayats	490
Authorisation status (names/number)	*:
Number of applications received	226
Number of authorisation granted	226

SOLID WASTE Generation status

Solid waste generation in the state (TPD)	16066.392TPD
Collected	15683.92TPD
Treated	9708.82TPD
Landfilled	5975.1 TPD

Compliance to Schedule I of SWM Rules (Number/names of towns/capacity)

Good practices in cities/towns	=	Details in Annexure IV
House-to-house collection	4-	Annexure V
Segregation	**	Annexure VI
Storage	240	Annexure VII
Covered transportation		Annexure VIII

Processing of SW (Number/names of towns/capacity)

Solid Waste processing facilities setup:

Sl.No	Composting	Vermi -composting	Biogas	RDF/Pelletisation
1.	1008 MCC -	-	2 Biogas/Bio CNG –	<u> </u>
	3618TPD		200TPD	
	907 OCC - 350		107 Bio Methanation –	
	TPD		259 TPD	
	544 Windrows -			
7.0	1522TPD		а	

Processing facility operational:

Sl,No	Composting	Vermi -composting	Biogas	RDF/Pelletisation
1.	1008 MCC – 3618TPD 907 OCC – 350 TPD 544 Windrows -	-	2 Biogas/Bio CNG – 200TPD 107 Bio Methanation – 259 TPD	~
	1522TPD			

Processing facility under installation/planned

Sl.No	Composting	Vermi -composting	Biogas	RDF/Pelletisation
1.	69 MCCs 321 windrow		7	

Waste- to-Energy Plants: (Number/names of towns/capacity): NIL

Disposal of solid waste (number/names of towns/capacity):

Landfill sites identified	-2
Landfill constructed	-0
Landfill under construction	-0
Landfill in operation	-0
Landfill exhausted & Capped	-0

Solid Waste Dumpsites (number/names of towns/capacity):

Total number of existing dumpsites	3 - 2	271
Dumpsites reclaimed/capped	8	119
Dumpsites converted to sanitary landfill		0

Monitoring at Waste Processing/Landfills sites

		An	nexure IX			
Sl.No	Name of facilities	Ambient air	Ground water	Leachate quality	Compost	VOCs

Status of Action Plan prepared by Municipalities

Total number of municipalities:138

Number of Action Plan submitted:129

For Member Secretary

18/08/2023

Annexure - I

A Summary Statement on progress made by Local Bodies in respect of Solid Waste Management

There are 21 Corporations, 138 Municipalities and 490 Town Panchayats in the State of Tamil Nadu. The total quantity of solid waste generation is 16066.392 Tons/day of which 15683.92 Tons/day of solid waste is being collected and 9708.82 Tons/day of solid waste is treated and 5975.1 Tons/day of municipal solid waste is dumped in the dumpsites of Local Bodies located in the State of Tamil Nadu. Local Bodies which generate municipal solid waste of 5 TPD and above shall have Authorization as per Solid Waste Management Rules, 2016.So far, Tamil Nadu Pollution Control Board has issued authorization to 226 Local Bodies and Local bodies which do not applied for authorization and not having valid authorization are directed to apply for authorization.

Collection, Transportation and Segregation of MSW in Tamil Nadu:

The Urban local bodies at several places have organized collection of MSW by house to house collection, by using collection bins, compactor bins, lorries using dust bins, etc. All the Urban local bodies have partly started the source segregation of municipal solid wastes generated in their limits and are partly composting the biodegradable waste. Transport facilities such as dumper placer, tipper lorry, tipper tractor, trucks, etc. have been used by the Corporations for transportation of wastes and in some cases the vehicles are closed or pneumatic compactors are used in few corporation areas. Similarly, Municipalities and Town Panchayats utilize the transport facilities such as tractor trailer, dumper placer, tipper, tricycle, push carts etc.

Solid waste Processing Facilities in Tamil Nadu:

In the state of Tamil Nadu, various waste processing facilities like windrow composting, Vermi composting, Micro Compost Centres (MCC), Onsite Composting (OCC), Bio Methanation, Biogas/Bio CNG, Material Recovery Facilities and Incineration plants are being followed.

- 1008 MCC are installed and under operational to process 3618TPD of wet waste and it is proposed to install 69 MCC with handling capacity of 328TPD to process wet waste.
- 907 OCC are installed with a capacity of 350TPD and under operational to process wet waste to compost.

- 544 windrow composting facilities are installed with a capacity of 1522TPD and are under operational. It is proposed to setup 321 facilities with a capacity of 590TPD.
- 107 Biomethanation plants are established to process 259 TPD of Wet Waste.
- 2 Biogas/Bio CNG plants are installed to process 200TPD of waste and it is proposed to setup 7 plants to process 1500 TPD of waste.
- Non recyclable wastes generated are sent to cement plants/power plants for usage as fuel.

Scientific Landfill sites and dumpsites:

Total number of dumpsites in Tamil Nadu is 271.Bio Mining works for legacy wastes has been started in 269 locations and completed in 119 locations and in the remaining 152 locations works are under progress. So far, 574 acres of land are reclaimed.

Monitoring of MSW facility:

TNPCB collects samples of ground water in the vicinity of the dumpsites and samples of leachate from the dumpsites, as one of responsibilities of monitoring the compliance of standards regarding ground water, ambient air, leachate quality.

Ground water quality is monitored at the vicinity of solid waste dumpsites pertaining to Corporations namely, Chennai, Madurai, Coimbatore, Trichy, Tirunelveli, Thanjavur, Dindigul, Avadi, Tiruppur, Kumbakonam, Nagercoil, Sivakasi, Thoothukudi, Hosur, Salem and 42 Municipalities.

Ambient Air quality monitoring is monitored at the vicinity of solid waste dumpsites pertaining to Corporations namely, Chennai, Coimbatore, Dindigul, Madurai, Trichy, Thoothukudi, Erode and Thanjavur.

Continuous Ambient Air Quality Monitoring stations are installed at the vicinity of Kodungaiyur and Perungudi dumpsites.

Formation of Committees

State Level Advisory Body as per SWM Rules, 2016

State level Advisory Body is formed as per G.O. (MS). No. 5 MA& WS(MA.IV) Department dated: 25.01.2017 under the chairmanship of Additional Chief Secretary to Government, Municipal Administration & Water Supply Department comprising of 19 members including TNPCB. State level Advisory Body Meetings have been conducted on 16.03.2017, 21.03.2018, 25.02.2019, 5.4.2019, 20.11.2019, 17.08.2020& 16.09.2022.

Single Committee on Solid Waste Management

State Level Single Committee is formed as per G.O(2D) No.46 MA & WS (MA.IV) Department dated:11.11.2022 under the chairmanship of Additional Chief Secretary to Government, Municipal Administration & Water Supply Department including TNPCB as one of the Member for the purpose of monitoring the implementation of Solid Waste Management Rules,2016 and other waste management in the State.

Action taken by the TNPCB:

Issue of Directions and Environmental Compensations:

The Hon'ble National Green Tribunal (Principal Bench) in OA No. 606 of 2018, in its order dated:28.02.2020 & 02.07.2020 has directed that "In view of the fact that most of the statutory timelines have expired and directions of the Hon'ble Supreme Court and this Tribunal to comply with Solid Waste Management Rules, 2016 remain unexecuted, Interim compensation scale is hereby laid down for continued failure after 31.03.2020" and TNPCB assessed Interim Environmental Compensation based on the orders and issued Directions under section 5 of Environment (Protection) Act, 1986 with respect to remittance of Interim Environmental Compensation to the following urban local bodies for the year 2022-2023.

S.No.	Urban local body	Interim Environmental
		Compensation levied
1.	Gobichettipalayam Municipality	24 Lakhs
2.	Kaattankolathur Panchayat Union	33 Lakhs
3.	Medavakkam Village Panchayat	64 Lakhs
4.	Vaniyambadi Municipality	32 Lakhs
5,	Irungatttukottai Village Panchayat	38 Lakhs
6.	Keevalur Village Panchayat	38 Lakhs
7.	Thandalam Village Panchayat	38 Lakhs
8.	Mevalurkuppam Village Panchayat	38 Lakhs
	Total	305Lakhs

The said urban local bodies have not remitted Interim Environmental Compensation.

- Also, Show Cause Notices have been issued to the following Local bodies,
- > St. Thomas Mount Panchayat Union (Kovilambakkam Village Panchayat, Rs. 38 Lakhs).
- > St. Thomas Mount Panchayat Union (Perumbakkam Village Panchayat, Rs. 26 Lakhs).

- Vandalur Village Panchayat (Karanaipudhucheri Panchayat Union) (Rs. 26 Lakhs).
- Moovarasampattu Village Panchayat (Rs.24 lakhs).
- Madurai Corporation (440 Lakhs).
- Minjur Town Panchayat (Rs. 50 Lakhs).
- ➤ Hosur Municipal Corporation (Rs. 56 Lakhs).
- Perundurai Town Panchayat (Rs.28 Lakhs).
- Perumbakkam Village Panchayat (St. Thomas Mount Panchayat Union Rs. 26 Lakhs).
- Tharamangalam Municipality (Rs.56 Lakhs).
- Keeramangalam Town Panchayat (Rs.60 Lakhs).
- Vaniyambadi Municipality (rs.32 Lakhs).
- Othakadai Village Panchayat (35 Lakhs).
- > St. Thomas Mount Panchayat Union (Pozhichalur Village Panchayat, 34 Lakhs).
- ➤ Salem Corporation (175 Lakhs).

 under section 5 of E(P) Act, 1986 for levying of Interim Environmental Compensation for non-compliance of SWM Rules, 2016.
 - Directions under Section 5 of the Environment (P) Act, 1986 has been issued to the Greater Chennai Corporation (Perungudi Dumpsite) and Perumbakkam Village Panchayat (St. Thomas Mount Panchayat Union), Tambaram Corporation, Tharamangalam Municipality, Keeramangalam Municipality, Kodaikanal Municipality, St. Thomas Mount Panchayat Union (Pozhichalur Village Panchayat), Othakadai Village Panchayat, Salem Corporation, Samayanallur and Usilampatti Municipality to comply with certain directions.

For Member Secretary

18108/2023

Annexure – II

A Summary Statement progress made by local bodies in respect of waste collection, segregation, transportation and disposal

There are 21 Corporations, 138 Municipalities and 490 Town Panchayats in the State of Tamil Nadu. The total quantity of solid waste generation is 16066.392 Tons/day of which 15683.92 Tons/day of solid waste is being collected and 9708.82 Tons/day of solid waste is treated and 5975.1 Tons/day of municipal solid waste is dumped in the dumpsites of Local Bodies located in the State of Tamil Nadu.

Solid Waste Collection:

The Urban Local Bodies at several places have organized collection of solid waste by house to house collection, by using collection bins, compactor bins, lorries using dust bins, etc. All the Urban Local Bodies have partly started the source segregation of municipal solid wastes generated in their limits and are partly composting the biodegradable waste. Transport facilities such as dumper placer, tipper lorry, tipper tractor, trucks, etc. have been used by the Corporations for transportation of wastes and in some cases, vehicles are covered or pneumatic compactors are used in most of the Corporation areas. Similarly, Municipalities and Town Panchayats utilize the transport facilities such as tractor trailer, dumper placer, tipper, tricycle, push carts etc. In most urban local bodies the biodegradable wastes are composted using Micro Compost Centres (MCCs), Windrows, Biomethanation plant and segregated non-biodegradable of non-recyclable nature waste is sent to cement industries for co-incineration and recyclable waste is sent to waste recyclers and remaining waste is dumped in dump yards.

House to house collection of solid wastes is completely carried out in 17 Corporations namely, Hosur, Avadi, Coimbatore, Tirunelveli, Trichy, Thanjavur, Tiruppur, Madurai, Salem, Vellore, Dindigul, Kumbakonam, Kancheepuram, Karur, Sivakasi, Tambaram, Cuddalore and at 119 Municipalities.

Segregation of Solid Waste:

Segregation of solid wastes is completely carried out in 7 Corporations namely, Hosur, Madurai, Thanjavur, Thootukudi, Nagercoil, Karur, Sivakasi and 22 Municipalities.

Storage:

The following Corporations and Municipalities are declared as Bin free Cities/towns.

	1.	Hosur
	2.	Trichy
	3.	Thootukudi
	4.	Vellore
	5.	Kumbakonam
	6.	Nagercoil
	7.	Kancheepuram
	8.	Karur
	9.	Sivakasi
	10.	Tambaram
	11.	cuddalore
	12.	Iddapadi
	13.	Narasingapuram
	14.	Attur
	15.	Mettur
	16.	Rasipuram
	17.	Pallipalayam
į	18.	komarapalayam
	19.	kulithalai
	20.	Dharmapuri
	21.	Namakkal
	22.	Krishnagiri
	23.	Tiruchengode
	24.	Jayankondam
-	25.	Ariyalur
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	26.	Perambalur	
	27.	Thuraiyur	
<u>}</u>	28.	Mannaparai	
	29.	Aranthangi	
	30.	Pudukkotai	
}	31.	Thiruthuraipoondi	
	32.	Mannargudi	
	33.	Thiruvarur	
	34.	Sirkali	
	35.	Mayiladuthurai	
	36.	Nagapattinam	
	37.	Pattukottai	
	38.	Ambur	
	39.	Arakkonam	
	40.	Gudiyattam	
	41.	Ranipet	•
	42.	Tirupathur	
	43.	Vanniyambadi	
	44.	Walajapet	
	45.	Jolarpet	
	46.	Melvisharam	
	47.	Pernambut	
·	48.	Arani	
	49.	Thiruvathipuram	
	50.	Villupuram	

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52. Tindivananam 53. Kallakurichi 54. Mettupalayam 55. Pollachi 56. Dharapuram 57. Palladam 58. Vellakovil 59. Sathyamangalam 60. Bhavani 61. Punjai Puliampatti 62. Udhagamandalam 63. Coonoor 64. Sengottai 65. Ambasamudram 66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel 75. Padmanabhapuram	51.	Vandavasi	
54. Mettupalayam 55. Pollachi 56. Dharapuram 57. Palladam 58. Vellakovil 59. Sathyamangalam 60. Bhavani 61. Punjai Puliampatti 62. Udhagamandalam 63. Coonoor 64. Sengottai 65. Ambasamudram 66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	52.	Tindivananam	1
55. Pollachi 56. Dharapuram 57. Palladam 58. Vellakovil 59. Sathyamangalam 60. Bhavani 61. Punjai Puliampatti 62. Udhagamandalam 63. Coonoor 64. Sengottai 65. Ambasamudram 66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	53.	Kallakurichi	1
56. Dharapuram 57. Palladam 58. Vellakovil 59. Sathyamangalam 60. Bhavani 61. Punjai Puliampatti 62. Udhagamandalam 63. Coonoor 64. Sengottai 65. Ambasamudram 66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	54.	Mettupalayam	_
57. Palladam 58. Vellakovil 59. Sathyamangalam 60. Bhavani 61. Punjai Puliampatti 62. Udhagamandalam 63. Coonoor 64. Sengottai 65. Ambasamudram 66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	55.	Pollachi	-
58. Vellakovil 59. Sathyamangalam 60. Bhavani 61. Punjai Puliampatti 62. Udhagamandalam 63. Coonoor 64. Sengottai 65. Ambasamudram 66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	56.	Dharapuram	
59. Sathyamangalam 60. Bhavani 61. Punjai Puliampatti 62. Udhagamandalam 63. Coonoor 64. Sengottai 65. Ambasamudram 66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	57.	Palladam	
60. Bhavani 61. Punjai Puliampatti 62. Udhagamandalam 63. Coonoor 64. Sengottai 65. Ambasamudram 66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	58.	Vellakovil	-
61. Punjai Puliampatti 62. Udhagamandalam 63. Coonoor 64. Sengottai 65. Ambasamudram 66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	59.	Sathyamangalam	
62. Udhagamandalam 63. Coonoor 64. Sengottai 65. Ambasamudram 66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	60.	Bhavani	
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64. Sengottai 65. Ambasamudram 66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	62.	Udhagamandalam	-
65. Ambasamudram 66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	63.	Coonoor	
66. Gudalur 67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	64.	Sengottai	7
67. Tenkasi 68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	65.	Ambasamudram	
68. Sankarankoil 69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	66.	Gudalur	
69. Puliyangudi 70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	67.	Tenkasi	_
70. Vikramsingapuram 71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	68.	Sankarankoil	
71. Kovilpatti 72. Kayalpattinam 73. Kuzhithurai 74. Colachel	69.	Puliyangudi	
72. Kayalpattinam 73. Kuzhithurai 74. Colachel	70.	Vikramsingapuram	
73. Kuzhithurai 74. Colachel	71.	Kovilpatti	
74. Colachel	72.	Kayalpattinam	1
	73.	Kuzhithurai	7
75. Padmanabhapuram	74.	Colachel	
	75.	Padmanabhapuram	

76.	Virudhunagar
77.	Rajapalayam
78.	Sivakasi
79.	Sattur
80.	Aruppukottai
81.	Srivilliputhur
82.	Thiruthangal
83.	Tirumangalam
84.	Usilampatty
85.	Theni
86.	Bodinayakanur
87.	Cumbum
88.	Chinnamanur
89.	Gudalur -Theni
90.	Periyakulam
91.	Palani
92.	Oddanchatram
93.	Sivagangai
94.	Karaikudi
95.	Ramanathapuram
96.	Paramakudi
97.	Chengalpattu
98.	Thiruverkadu
99.	Tiruvallur
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101.	Virudhachalam
102.	Panruti
103.	Chidambaram
104.	Nellikuppam
105.	Sembakkam
106.	Pammal
107.	Maraimalai Nagar
108.	Anakaputhur
109.	Madhuranthagam
110.	Tharamangalam
111.	Edanganasalai
112.	Pugalur
113.	Manamadurai
114.	Adiramapattinam
115.	Lalgudi
116.	Surandai
117.	Ambai
118.	Kalakad
119.	Tiruchendur
120.	Thirunindravur
121.	Karamadai
122.	Karumathampatti
123.	Vadalur
124.	Kundrathur
125.	Mangadu

126.	Kottakuppam
127.	Sholinghur
128.	Thirukovilur
129.	Ulundurpet
130.	Madurai
131.	Kangeyam
132.	Gobichettipalayam
133.	Nelliyalam

Transportation of Solid waste:

Covered transportation of solid waste is completely achieved in 18 Corporations namely Kancheepuram, Hosur, Avadi, Trichy, Thanjavur, Thootukudi, Tiruppur, Madurai, Salem, Vellore, Dindigul, Kumbakonam, Nagercoil, Karur, Sivakasi, Tambaram, Tirunelveli, Cuddalore and at 126 Municipalities.

Treatment and Disposal of Solid waste:

In the state of Tamil Nadu, various waste processing facilities like windrow composting, Vermi composting, Micro Compost Centres (MCC), Onsite Composting (OCC), Bio Methanation, Material recovery facilities and Incineration plants are being followed.

- 1008 MCC are installed and under operational to process 3618TPD of wet waste and it is proposed to install 69 MCC with handling capacity of 328TPD to process wet waste.
- 907 OCC are installed with a capacity of 350TPD and under operational to process wet waste to compost.
- 544 windrow composting facilities are installed with a capacity of 1522TPD and are under operational. It is proposed to setup 321 facilities with a capacity of 590TPD.
- 107 Biomethanation plants are established to process 259 TPD of Wet WasteNonrecyclable wastes generated are sent to cement plants/ sugar mills/ power plants for usage as fuel.
- 2 Biogas/Bio CNG plants are installed to process 200TPD of waste and it is proposed to setup 7 plants to process 1500 TPD of waste.

 Non recyclable waste generated are sent to cement plants/power plants for usage as fuel.

Scientific Landfill sites and dumpsites:

Total number of dumpsites in Tamil Nadu is 271.Bio Mining works for legacy wastes has been started in 269 locations and completed in 119 locations and in the remaining 152 locations works are under progress. So far, 574 acres of land are reclaimed

TNPCB has issued directions to the Commissioner, Greater Chennai Corporation, the Commissioner of Municipal Administration, the Director of Town Panchayats, the Rural Development and Panchayat Raj Department under Section 5 of the Environment (Protection) Act, 1986 as amended to comply the Solid Waste Management Rules, 2016 with respect to bio-mining of legacy waste.

For Member Secretary

18/08/2023

<u>Annexure – III</u>

A Summary statement on progress made by Local Bodies in respect of implementation of Schedule II.

Most of the Corporations, Municipalities and Town Panchayats in the State of Tamil Nadu have been instructed to adhere to the standards prescribed in schedule II of the Municipal Solid Waste Rules, 2016 without fail.

TNPCB collects samples of ground water in the vicinity of the dumpsites and samples of leachate from the dumpsites, as one of responsibilities of monitoring the compliance of standards regarding ground water, ambient air, leachate quality, TNPCB also conducts Ambient Air Quality survey at the landfill site and at their vicinity.

Ground water quality is monitored at the vicinity of solid waste dumpsites pertaining to Corporations namely, Chennai, Madurai, Coimbatore, Trichy, Tirunelveli, Thanjavur, Dindigul, Avadi, Tiruppur, Kumbakonam, Nagercoil, Sivakasi, Thoothukudi, Hosur, Salem and at 42 Municipalities.

Ambient Air quality monitoring is monitored at the vicinity of solid waste dumpsites pertaining to Corporations namely, Chennai, Coimbatore, Dindigul, Madurai, Thoothukudi, Trichy, Erode and Thanjavur.

Continuous Ambient Air Quality Monitoring stations are installed at the vicinity of Kodungaiyur and Perungudi dumpsites.

Urban Local Bodies are adopting Micro Compost Centre (MCC) methodology for composting in which the leachate generated is recycled. Hence, leachate characteristics is not analysed at these facilities.

Action taken by the TNPCB:

Issue of Directions and Environmental Compensations:

The Hon'ble National Green Tribunal (Principal Bench) in OA No. 606 of 2018, in its order dated:28.02.2020 & 02.07.2020 has directed that "In view of the fact that most of the statutory timelines have expired and directions of the Hon'ble Supreme Court and this Tribunal to comply with Solid Waste Management Rules, 2016 remain unexecuted, Interim compensation scale is hereby laid down for continued failure after 31.03.2020" and TNPCB assessed Interim Environmental Compensation based on the orders and issued Directions under section 5 of Environment (Protection) Act, 1986 with respect to remittance of Interim Environmental Compensation to the following urban local bodies for the year 2022-2023.

S.No.	Urban local body	Interim Environmental Compensation levied
1.	Gobichettipalayam Municipality	24 Lakhs
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3.	Medavakkam Village Panchayat	64 Lakhs
4.	Vaniyambadi Municipality	32 Lakhs
5.	Irungatttukottai Village Panchayat	38 Lakhs
6.	Keevalur Village Panchayat	38 Lakhs
7.	Thandalam Village Panchayat	38 Lakhs
8.	Mevalurkuppam Village Panchayat	38 Lakhs
	Total	305Lakhs

The said urban local bodies have not remitted Interim Environmental Compensation.

- Also, Show Cause Notices have been issued to the following Local bodies,
- > St.Thomas Mount Panchayat Union (Kovilambakkam Village Panchayat, Rs. 38 Lakhs).
- > St. Thomas Mount Panchayat Union (Perumbakkam Village Panchayat, Rs. 26 Lakhs).
- > Vandalur Village Panchayat (Karanaipudhucheri Panchayat Union) (Rs. 26 Lakhs).
- Moovarasampattu Village Panchayat (Rs.24 Lakhs).
- Madurai Corporation (440 Lakhs).
- Minjur Town Panchayat (Rs. 50 Lakhs).
- ➤ Hosur Municipal Corporation (Rs. 56 Lakhs).
- Perundurai Town Panchayat (Rs.28 Lakhs).
- > Perumbakkam Village Panchayat (St.Thomas Mount Panchayat Union Rs. 26 Lakhs).
- > Tharamangalam Municipality (Rs.56 Lakhs).
- > Keeramangalam Town Panchayat (Rs.60 Lakhs).
- > Vaniyambadi Municipality (rs.32 Lakhs).
- > Othakadai Village Panchayat (35 Lakhs).
- > St. Thomas Mount Panchayat Union (Pozhichalur Village Panchayat, 34 Lakhs).
- ➤ Salem Corporation (175 Lakhs).

 under section 5 of E(P) Act, 1986 for levying of Interim Environmental Compensation for non-compliance of SWM Rules, 2016.

Directions under Section 5 of the Environment (P) Act, 1986 has been issued to the Greater Chennai Corporation (Perungudi Dumpsite) and Perumbakkam Village Panchayat (St. Thomas Mount Panchayat Union), Tambaram Corporation, Tharamangalam Municipality, Keeramangalam Municipality, Kodaikanal Municipality, St. Thomas Mount Panchayat Union (Pozhichalur Village Panchayat), Othakadai Village Panchayat, Salem Corporation, Samayanallur and Usilampatti Municipality to comply with certain directions.

For Member Secretary

18/05/2023



Compliance to Schedule I of SW Rules (Number/names of towns) Good practices in cities/towns

S.No	Name of the Corporation/Municipality	Processing Facilities
Ι.	Erode	Micro composting (MCC)- 15 MT Biomethanation - 5T, Bio gas,Bio Digester, 62.5 T
2.	Hosur	11 Nos MCC, OCC - 32 TPD, Bio Methanation = 10 TPD, Co processing
3.	Avadi	MCC 15 Nos.and OCC 21 Nos- 32.500 TPD Home Composting -2.5435TPD
4.	Coimbatore	Windrow Composting -600 TPD, Vermi Composting -100 TPD Biomethanation, 5 Plants -7.5TPD Refuse derived fuel -30 MT
5.	Tirunelveli	13 Nos. MCC-155 TPD, 4 Biomethanation plant- 10 TPD, 21 Nos. On site composting -2.2 TPD.
6.	Trichy	40 Micro composting- 200TPD, 5 Biomethanation plant -15 TPD, 5RRC,RDF- 23TPD,compustible 23 TPD
7.	Thanjavur	12 MCC-54TPD,4 OCC- 3TPD, 1 Biomethanationplant-5 TPD, co processing
8.	Thootukudi	MCC, RRC -54 TPD
9.	Tiruppur	OCC,26 MCC
10.	Madurai	MCC, Biomethanation plant
11.	Salem	28 MCC- 137.2TPD, 20 OCCS, 2 Bio Methanation plant -8TPD
12.	Vellore	Composting -128 TPD,50 MCC, 1 Biomethanation plant 3TPD, 20 OCC combustible Transported -10 TPD
13.	Dindigul	Composting - 45TPD,5 MCC, 1 Biomethanation plant, 20 OCC
14.	Kumbakonam	composting6MT,MCC,OCC,Biomethanation plant- 5 MT
15.	Nagercoil	MCC,RRC, Bio Methanation plant, Biogas, OCC, 62.5 MT
16.	Kancheepuram	MCC 6 Nos-5.0 MT
17.	Karur	11 MCC, Biomethanationplant-5 TPD, RDF-18TPD
18.	Cuddalore	3 MCC, co-processing
19.	Iddapadi	MCC, RRC, Co- processing
20.	Narasingapuram	MCC 3Nos -3.75MT
21.	Attur	MCC 4Nos- 8 MT
22.	Mettur	MCC- 9 MT
23.	komarapalayam	MCC 1 Nos- 25 MT

24.	kulithalai	MCC, RRC, Co processing
25.	Dharmapuri	MCC 4 Nos, RRC-1 No.
26.	Namakkal	MCC 4Nos16 TPD, Bio Methanation plant - 3 TPD, Co processing
27.	Krishnagiri	MCC, RRC Co processing
28.	Tiruchengode	MCC 5 Nos - 14 MT, Bio Methanation plant -1 No.
29.	Jayankondam	6 MCC, On Site Composting (OCC)
30.	Ariyalur	1MCC,1 OCC, Composting 8 MT
31.	Perambalur	2 MCC, 3 OCC- 3MT
32.	Thuvakudi	Composting 541MT, 2.750 MT co processing to cement plant
33.	Thuraiyur	3 MCC & 1 OCC- 9.5TPD
34.	Mannaparai	2 MCC, 2 OCC, Composting- 7.5 MT
35.	Aranthangi	Composting-8.6 MT, Vermi composting-1.55 MT, combustible waste to cement plant-1.2 TPD
36.	Thiruthuraipoondi	I MCC,I OCC
37.	Mannargudi	Composting -15 MT
38.	Thiruvarur	MCC, OCC, RRC
39.	Vedaranyam	MCC 2- 3TPD
40.	Sirkali	2 MCC and 2 OCC- 5 TPD
41.	Mayiladuthurai	3 MCC, OCC 6, RRC 2
42.	Nagapattinam	3 MCC, OCC, Biomethanation plant,
43.	Pattukottai	10 MCC, 6 OCC, Vermi Composting 1 tonnes
44.	Ambur	MCC 23, RRC 1
45.	Arakkonam	MCC, RCC&MRF
46.	Arcot	composting 10.5 MT, combustible 3 TPD
47.	Gudiyattam	MCC, combustible to cement plant
48.	Ranipet	3 MCC & OCC 4 Nos., RRC-1
49.	Tirupathur	5 MCC and 2 RRC,
50.	Vanniyambadi	6 MCC and 3 RRC 180 MT
51.	Melvisharam	MCC 3 nos, combustible -22.6 MT
52.	Pernambut	MCC, Combustible 10.7 TPD to cement factory
53.	Tiruvannamalai	MCC 12
54.	Arani	MCC 11.5 TPD
55.	Villupuram	9 MCC & RRC-2
56.	Vandavasi	3 MCC, 15.5 MT to cement factory
57.	Tindivananam	MCC & OCC 13.5 TPD,
58.	Kallakurichi	3 MCC, RRC-1
59.	Mettupalayam	2 MCC 8 TPD, 10 OCC-1MT, RCC-1, Biomethanationplant-1.5MT
60.	Pollachi	5 MCC, 1 Biomethanationplant-5MT, 1 Vermicompost
61.	Valparai	Windrows 4.5 TPD, 1 MCC, 1 OCC
62.	Dharapuram	Windrow-4 MT, MCC 2 Nos 6 TPD

63.	Kangeyam	MCC -2MT& OCC 4 TPD,
64.	Palladam	MCC 5.5 TPD,
65.	Vellakovil	2 MCC Windows 4 TPD
66.	Gobichettipalayam	MCC & OCC home composting 20 TPD, Bio Methanation plant- 3 TPD, Windrows, 2 MCC, 1RRC
67.	Sathyamangalam	composting 7 MT, 0.95 T combustible to cement factory
68.	Bhavani	MCC 2 Wet Waste, 1RRC
69.	PunjaiPuliampatti	MCC- 4.5 TPD, 0.7 TPD to cement factory
70.	Udhagamandalam	Windrows 15 TPD, Bio methanationplant- 5 TPD,
71.	Coonoor	1 MCC-4MT, OCC 10 nos., RRC 1
72.	Gudalur	Windrows -3.10MT and vermicomposting
73.	Tenkasi	composting-85.6 MT
74.	Sankarankoil	4 MCC, 2 RRC 3120MT/year,
75.	Kadayanallur	6 MCC, 3 OCC and Vermi Composting
76.	Vikramsingapuram	4 MCC
77.	Kovilpatti	MCC 5, OCC 6
78.	Kayalpattinam	2 MCC, 1 OCC
79.	Colachel	1 MCC-4.5 TPD
80.	Padmanabhapuram	1 MCC-3 MT
81.	Rajapalayam	MCC 3 & OCC 6
82.	Virudhunagar	5 MCC 11.8 TPD
83.	Aruppukottai	MCC 6Nos 14.6 TPD, OCC-1, combustible to Cement Plant 14.5MT
84.	Srivilliputhur	4 MCC-5110 MT
85.	Sattur	2 MCC ,RCC-1
86.	Tirumangalam	MCC-3, On-site Composting-1, composting-8.5
87.	Melur	MCC & OCC 6TPD,
88.	Usilampatty	Windrows 1 TPD and MCC 5 TPD
89.	Theni	3 MCC, 10 OCC, 4 RRC
90.	Bodinayakanur	RRC-2, MCC 4 Nos 14.4 TPD
91.	Chinnamanur	Windrow, MCC -8 TPD and Vermi Composting (1 T)
92.	Cumbum	1 MCC, 1 OCC, 1 WCC ,1 RRC ,1 VC
93.	Gudalur	Windrows and MCC 8 TPD, RRC1- 1.2 TPD
94.	Periyakulam	1 MCC, 1 OCC, 1 WCC ,1 RRC ,1 VC
95.	Kodaikanal	Composting -7.5MT
96.	Palani	MCC & OCC -14.4 TPD
97.	Oddanchatram	3 MCC, 9 OCC
98.	Sivagangai	MCC -8 TPD
99.	Karaikudi	MCC1No- 1.5 TPD, RRC-1, waste to Energy - 2MT

100.	Devakottai	4 MCC	
101.	Ramanathapuram	Windrows 14TPD	
102.	Paramakudi	3 MCC, 2 OCC, composting 15TPD, 878 MT	
102.	Taramakudi	to cement factory	
103.	Rameswaram	vermi composting 2MT,Composting 3 MT	
104.	Keelakarai	MCC, Windrow composting 11 TPD	
105.	Chengalpattu	MCC- 7TPD	
106.	Thiruverkadu	MCC 7Nos- 10.5TPD, combustible to Cement	
	·	plant 7.38TPD	
107.	Thiruthani	MCC 2Nos -4TPD, Bio Methanation plant 1 No	
		-1 TPD, combustible to Cement plant 66.13	
100	Tr: 11	MT	
108.	Tiruvallur	2 MCC,17 OCC,1 RRC	
109.	Poonamallee	MCC -10.5TPD	
110.	Virudhachalam	Windrow-10.75MT	
111.	Panruti	2 MCC, 4 OCCs	
112.	Nellikuppam	MCC & OCC 6.5TPD	
113.	Chidambaram	4 MCC, Composting 6.5TPD, combustible to	
		Cement plant 750 tonnes	
114.	Sembakkam	MCC 2 Nos, OCC 6 Nos-12 TPD, Cement plant 703 tonnes	
115.	Anakaputhur	2 MCC, 2 OCC, Cement plant 429.43 Tons	
116.	Tambaram	MCC & OCC 45 TPD, combustible to Cement	
110.	Tallibatani	plant 22.2 tonnes	
117.	Madhuranthagam	composting-3.4MT	
118.	Pallavapuram	7 MCC and 22 OCC -52TPD, Cement plant 124	
110.	Tunavaparam	tonnes	
119.	Tharamangalam	2 MCC(Construction in progress)	
120.	Manamadurai	Bio-composting-4.2 MT	
121.	Surandai	2 MCC,1 Vermicompost	
122.	Kalakad	1 RRC, 1 Vermi compost	
123.	Thirunindravur	MCC 2, RRC 2	
124.	Karamadai	MCC 2, RRC 1	
125.	Madukkarai	vermicomposting-4.29 MT	
126.	Thirumuruganpoondi	composting-9.5MT	
127.	Thittakudi	Windrow -2.12 Tonnes	
128.	Kundrathur	MCC 1, Windrow composting, vermi	
		composting	
129.	Mangadu	2 MCC, Biocomposting and vermi composting	
130.	Sholinghur	MCC-9.89TPD	

For Member Secretary

18/08/2023

Compliance to Schedule I of SW Rules (Number/names of towns) 100 % House to House Collection achieved cities/towns

	Name of the	No. of
S.No	Corporation/Municipality	households
1.	Hosur	82220
2.	Avadi	119328
3.	Coimbatore	538170
4.	Tirunelveli	152141
5.	Trichy	273538
6.	Thanjavur	54234
7.	Tiruppur	315732
8.	Madurai	479568
9.	Salem	234624
10.	Vellore	149261
11.	Dindigul	56430
12.	Kumbakonam	45001
13.	Kancheepuram	74887
14.	Karur	81118
15.	Sivakasi	42353
16.	Tambaram	252830
17.	cuddalore	49513
18.	Iddapadi	16248
19.	Narasingapuram	8344

	Attur	16948
20.		
21.	Mettur	13546
22.	Rasipuram	17371
23.	Pallipalayam	13194
24.	Komarapalayam	22053
25.	Jayankondam	9842
26.	Namakkal	44226
27.	Krishnagiri	20080
28.	Tiruchengode	37543
29.	Ariyalur	9234
30.	Perambalur	17198
31.	Thuraiyur	12338
32.	Mannaparai	11969
33.	Aranthangi	12752
34.	Pudukkotai	35937
35.	Thiruthuraipoondi	7296
36.	Mannargudi	23389
37.	Thiruvarur	20053
38.	Vedaranyam	10342
39.	Sirkali	9745
40.	Mayiladuthurai	21867
41.	Nagapattinam	25412
42.	Pattukottai	21398
43.	Ambur	26302

44.	Arakkonam	19345
45.	Arcot	16334
46.	Gudiyattam	17512
47.	Ranipet	12502
48.	Tirupathur	18211
49.	Vanniyambadi	18567
50.	Walajapet	8520
51.	Jolarpet	7365
52.	Melvisharam	11669
53.	Pernambut	10450
54.	Tiruvannamalai	34380
55.	Arani	16997
56,	Thiruvathipuram	9344
57.	Villupuram	36690
58.	Vandavasi	6584
59.	Tindivananam	18868
60.	Kallakurichi	15840
61.	Mettupalayam	17076
62.	Pollachi	24478
63.	Udumalpet	17526
64.	Dharapuram	17100
65.	Kangeyam	10664
66.	Palladam	14910
67.	Vellakovil	15964

Gobichettipalayam	18135
Sathyamangalam	10390
Bhavani	11527
PunjaiPuliampatti	7735
Udhagamandalam	24526
Coonoor	12732
Sankarankoil	21925
Kadayanallur	32349
Puliangudi	24358
Sengottai	9556
Ambasamudram	14237
Vikramsingapuram	18930
Kovilpatti	30777
Kayalpattinam	15216
Gudalur	12011
Rajapalayam	45801
Virudhunagar	25948
Sivakasi	42353
Aruppukottai	31207
Srivilliputhur	26016
Sattur	12678
Thiruthangal	19446
Tirumangalam	16187
Colachel	7070
	Sathyamangalam Bhavani PunjaiPuliampatti Udhagamandalam Coonoor Sankarankoil Kadayanallur Puliangudi Sengottai Ambasamudram Vikramsingapuram Kovilpatti Kayalpattinam Gudalur Rajapalayam Virudhunagar Sivakasi Aruppukottai Srivilliputhur Sattur Thiruthangal Tirumangalam

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116.	Maraimalai Nagar	24384
117.	Anakaputhur	13736
118.	Tharamangalam	8164
119.	Edanganasalai	10338
120.	Pugalur	11540
121.	Adiramapattinam	7469
122.	Lalgudi	6959
123.	Surandai	15271
124.	Ambasamudram	14237
125.	Kalakad	12105
126.	Tiruchendur	10557
127.	Thirunindravur	13010
128.	Karamadai	14894
129.	Kundrathur	19404
130.	Mangadu	15061
131.	Sholinghur	14571
132.	Thirukovilur	6825
133.	Koothanallur	7422
134.	Ulundurpet	5267
135.	Erode	164305
136.	Chengelpet	17514
137.	Thuvakudi	10894

80% to < 100% House to House Collection achieved cities/towns

S.No	Name of the Corporation/Municipality	No. of households	No. of households covered
1.	Thoothukudi	150376	130883
2.	Chennai	2121466	1866890
3.	Nagercoil	85013	83313
4.	kulithalai	8412	7357
5.	Dharmapuri	22558	21128
6.	Nelliyalam	10729	8304
7.	Kuzhithurai	6206	5996
8.	Melur	14918	12882
9.	Thiruthani	13755	12379
10	Virudhachalam	20691	17991
11	Pallavapuram	74211	70500
12	Manamadurai	11981	9584
13	karumathampatti	10071	9517
14	Thirumuruganpoondi	13736	13221
15	Kottakuppam	8920	7410

Less than 80% House to House Collection achieved cities/towns

S.No	Name of the Municipality	No. of households	No. of households covered
1.	Valparai	19539	8428
2.	Thiruverkadu	31554	22291
3.	Vadalur	11872	7500
4.	Thiruverkadu	31554	22291

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18/08/2023

Compliance to Schedule I of SWM Rules (Number/names of towns) 100 % Segregation achieved Cities/towns

S.No	Name of the Corporation/ Municipality	No. of households covered and segregated at source
1.	Hosur	82220
2.	Madurai	479568
3.	Thanjavur	54234
4.	Thootukudi	130883
5.	Nagercoil	83313
6.	Karur	81118
7.	Sivakasi	42353
8.	Iddapadi	16248
9.	Narasingapuram	8344
10.	Attur	16948
11.	Rasipuram	17371
12.	komarapalayam	22053
13.	kulithalai	7357
14.	Arcot	16334
15.	Gobichettipalayam	18135
16.	Tenkasi	28343
17.	Sankarankoil	21925
18.	Kadayanallur	32349
19.	Sengottai	9556

20.	Ambasamudram	14237
21.	Sivakasi	42353
22.	Thirumangalam	16187
23.	Chengalpattu	17514
24.	Tharamangalam	8164
25.	Edanganasalai	10338
26.	Pugalur	11540
27.	Thirunindraqvur	13010
28.	Kundrathur	19404
29.	Thirumuruganpoondi	13221

80 % to <100 % Segregation achieved Cities/towns

S.No	Name of the Corporation/Munic ipality	Number of household covered	Number of households segregated at source
1.	Erode	164305	157799
2.	Avadi	119328	107395
3.	Coimbatore	538170	430536
4.	Trichy	273538	246184
5.	Salem	234624	211162
6.	Vellore	149261	134335
7.	Kumbakonam	45001	40510

8.	Kancheeepuram	74887	59910	
9,	Tambaram	252830	227547	
10.	Cuddalore	49513	39610	
11.	Mettur	13546	12191	
12.	Pallipalayam	13194	12534	
13.	Dharmapuri	21128	17959	
14.	Namakkal	44226	42015	
15.	Krishnagiri	20080	18875	
16.	Tiruchengode	37543	33789	
17.	Jayankondam	9842	8464	
18.	Ariyalur	9234	8311	
19.	Perambalur	17198	15478	
20.	Thuvakudi	10894		
21.	Thuraiyur	12338	11968	
22.			11371	
23.			1 1477	
24.	Pudukkottai	ai 35937		
25.	Koothanallur	7422 63		
26.	Mannargudi	23389	19881	
27.	Thiruvarur	20053	17446	
28.	Vedaranyam	10347	9312	
29.	Sirkali	9745	7991	
30.	Mayiladuthurai	21867	17491	
31.	Nagapattinam	25412	21600	

32.	Pattukottai	21398	17760
33.	Ambur	26302	23146
34. Arakkonam		19345	17797
35.	Gudiyatham	17512	14885
36.	Thirupathur	18211	15479
37.	Vaniyambadi	18567	16525
38.	Jolarpet	7365	
39.	Walajapet	8520	7668
40.	Melvisharam	11669	10502
41.	Pernambut	10450	8987
42.	Tiruvannamalai	34380	29567
43.	Arani	16997	13598
44.	Thiruvathipuram	13314	11716
45.	Villupuram	36690	34489
46.	Vandavasi	6584	5662
47.	Tindivanam	18868	16793
48.	Kallakurichi	15840	14573
49.	Mettupalayam	17076	14856
50.	Pollachi	24478	20806
51.	Udumalpet	17526	17000
52.	Kangeyam	10664	10344
53.	Valparai	. 8428	8259
54.	Vellakovil	15964	14847
55.	Sathyamangalam	10390	10182

56.	Punjaipuliyampatti	7735	7348
57.	Udhagamandalam	24526	23300
58.	Connor	12732	12095
59.	Nelliyalam	9227	8304
60.	Bhavani	11527	11296
61.	Gudalur	12011	11410
62.	Puliangudi	24358	19974
63.	Palladam	14910	12674
64.	Vickramasingapuram	18930	17416
65.	Kovilpatti	30777	28315
66.	Kayalpattinam	15216	13086
67.	Kuzhithurai	5996	5396
68.	Padmanabapuram	6852	5824
69.	Rajapalayam	45801	38931
70.	Virudhunagar	25948	23353
71.	Aruppukottai	31207	26526
72.	Sattur	12678	11410
73.	Melur	12882	11594
74.	Usilampatty	10174	9360
75.	Theni	27621	24030
76.	Bodinayakanur	20625	18563
77.	Chinnamanur	13699	12329
78.	Cumbum	19786	18797
79.	Gudalur -Theni	12011	11400

80.	Kodaikanal	10043	8637
81.	Periyakulam	11471	9865
82.	Palani	21250	17638
83.	Sivagangai	14771	12555
84.	Karaikudi	35352	31817
85.	Devakottai	20049	16039
86.	Ramanathapuram	18724	14979
87.	Rameswaram	13386	10709
88.	Thiruverkadu	22291	20062
89.	Thiruthani	12379	11141
90.	Tiruvallur	13960	12285
91.	91. Virudhachalam 1799		14393
92.	Nellikuppam	11934	9786
93.	93. Sembakkam 16585		15756
94.	94. Pammal 22334		17875
95.	Tambaram	252830 22	
96.	Pallavapuram	70500	66975
97.	Maanamadurai	9584	7668
98.	Adhiramapattinam	7469	5975
99,	Lalgudi	6959	6541
100.	Surandai	15271	13744
101.	Kalakad	12105	10410
102.	Karamadai	14894	14447
103.	Managadu	14571	12385

104.	Kottakuppam	7410	8801.38
105.	Sholingar	7652	6150
106.	Thirukoilur	6825	5870
107.	Ulundurpet	5267	4530

50% to < 80 % Segregation achieved Cities/towns

S.No	Name of the Corporation/ Municipality	Number of household covered	Number of households segregated at source
ì.	Dindigul	56430	44015
2.	Tirunelveli	152141	91285
3.	Ranipet	12502	8126
4.	Dharapuram	17100	11970
5.	Thiruthangal	19446	12640
6.	Oddanchatram	11406	8326
7.	Paramakudi	26726	19243
8.	Keelakarai	11986	7791
9.	Poonamalle	13960	11857
10.	Maraimalai Nagar	24384	18288
11.	Tiruchendur	10557	7390

Less than 50% Segregation achieved Cities/towns

S.No	Name of the Corporation/ Municipality	Number of household covered	Number of households segregated at source
1.	Tiruppur	315732	94720
2.	Srivilliputhur	26106	10442
3.	Panruti	14901	6705
4.	Chidambaram	14058	6326

For Member Secretary

15/06/2023

COMPLIANCE TO SCHEDULE I OF SW RULES (NUMBER/NAMES OF TOWNS)

Storage Facilities provided in Towns and Cities

Bin Free Cities/towns

1.	Hosur
2.	Trichy
3.	Thootukudi
4.	Vellore
5.	Kumbakonam
6.	Nagercoil
7.	Kancheepuram
8.	Karur
9.	Sivakasi
10.	Tambaram
11.	cuddalore
12.	Iddapadi
13.	Narasingapuram
14.	Attur
15.	Mettur
16.	Rasipuram
17.	Pallipalayam
18.	komarapalayam
19.	kulithalai
20.	Dharmapuri
21.	Namakkal
22.	Krishnagiri
23.	Tiruchengode
24.	Jayankondam

	25	5.	Ariyalur
	26.		Perambalur
	27		Thuraiyur
	28		Mannaparai
	29.		Aranthangi
	30.		Pudukkotai
	31.		Thiruthuraipoondi
	32.		Mannargudi
	33.		Thiruvarur
	34.	-	Sirkali
	35.	-	Mayiladuthurai
i	36.	_	Nagapattinam
	37.	-	Pattukottai
	38.	_	Ambur
-	39.		Arakkonam
}	40.	+	Gudiyattam
-	41.	+	Ranipet
-	42.	7	Cirupathur Cirupathur
}	43.	1	⁷ anniyambadi
-	44.	V	Valajapet
-	45.	Jo	plarpet
-	46.	M	lelvisharam elektrica elek
_	47.	Pe	ernambut
_	48.	Aı	rani
_	49.	Th	niruvathipuram
_	50.		llupuram
_			

51.	Vandavasi
52.	Tindivananam
53.	Kallakurichi
54.	Mettupalayam
55.	Pollachi
56.	Dharapuram
57.	Palladam
58.	Vellakovil
59.	Sathyamangalam
60.	Bhavani
61.	Punjai Puliampatti
62.	Udhagamandalam
63.	Coonoor
64.	Sengottai
65.	Ambasamudram
66.	Gudalur
67.	Tenkasi
68.	Sankarankoil
69.	Puliyangudi
70.	Vikramsingapuram
71.	Kovilpatti
72.	Kayalpattinam
73.	Kuzhithurai
74.	Colachel
75.	Padmanabhapuram
76.	Virudhunagar

	77.	Rajapalayam
	78.	Sivakasi
	79.	Sattur
	80.	Aruppukottai
	81.	Srivilliputhur
	82.	Thiruthangal
	83.	Tirumangalam
	84.	Usilampatty
	85.	Theni
	86.	Bodinayakanur
	87.	Cumbum
	88.	Chinnamanur
f	89.	Gudalur -Theni
	90.	Periyakulam
f	91.	Palani
-	92.	Oddanchatram
 	93.	Sivagangai
	94.	Karaikudi
	95.	Ramanathapuram
	96.	Paramakudi
-	97.	Chengalpattu
	98.	Thiruverkadu
-	99.	Tiruvallur
<u> </u>	100.	Poonamallee
 	101.	Virudhachalam
-	102.	Panruti

103.	Chidambaram
104.	Nellikuppam
105.	Sembakkam
106.	Pammal
107.	Maraimalai Nagar
108.	Anakaputhur
109.	Madhuranthagam
110.	Tharamangalam
111.	Edanganasalai
112.	Pugalur
113.	Manamadurai
114.	Adiramapattinam
115.	Lalgudi
116.	Surandai
117.	Ambai
118.	Kalakad
119.	Tiruchendur
120.	Thirunindravur
121.	Karamadai
122.	Karumathampatti
123.	Vadalur
124.	Kundrathur
125.	Mangadu
126.	Kottakuppam
127.	Sholinghur
128.	Thirukovilur
L	

Ulundurpet
Madurai
Kangeyam
Gobichettipalayam
Nelliyalam

Corporation / Municipalities provided with Storage Facilities

S.No	Name of the Corporation/ Municipality
1.	Chennai
2.	Avadi
3.	Coimbatore
4.	Tirunelveli
5.	Thanjavur
6.	Tiruppur
7.	Salem
8.	Dindigul
9.	Thuvakudi
10.	Arcot
11.	Kadayanallur
12.	Melur
13.	Chinnamanur
14.	Tiruvannamalai
15.	Rameswaram
16.	Valparai
17.	Kangeyam

18.	Gobichettipalayam
19.	Tenkasi
20.	Pallavapuram
21.	Thirumuruganpoondi
22.	Kodaikanal
23.	Devakottai
24.	Keelakarai
25.	Thiruthani
26.	Madukkarai
27.	Thittakudi
28.	Tambaram

For Member Secretary

(8/08/2)

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Compliance to Schedule I of SWM Rules (Number/names of towns)

Cities /Towns with 100% Transportation of waste Generated

S.No.	Name of the Corporation/ Municipality	Solid waste collected and transported (TPD)
1.	Chennai	5875
2.	Kancheepuram	98
3.	Madhuranthagam	6.8
4.	Hosur	72
5.	Avadi	180.739
6.	Trichy	470
7.	Thanjavur	107
8.	Thootukudi	180
9.	Tiruppur	700
10.	Madurai	750
11.	Salem	550
12.	Vellore	241
13.	Dindigul	92
		78
14.	Kumbakonam	
15.	Nagercoil	115
16.	Karur	110
17.	Sivakasi	52.7
18.	Tambaram	400
19.	cuddalore	33
20.	lddapadi	11.5
21.	Narasingapuram	7.05
22.	Attur	12

23.	Mettur	15
24.	Rasipuram	12
25.	Pallipalayam	12.7
26,	komarapalayam	17
27.	kulithalai	7.1
28.	Namakkal	35
29.	Krishnagiri	17
30.	Tiruchengode	30
31.	Jayankondam	11
32.	Ariyalur	14
33.	Perambalur	18
34.	Thuvakudi	11.44
35.	Thuraiyur	15
36.	Mannaparai	11
37.	Aranthangi	14
38.	Pudukkotai	70
39.	Koothanallur	7
40.	Thiruthuraipoondi	8
41.	Mannargudi	22
42.	Thiruvarur	22
43.	Vedaranyam	12
44.	Sirkali	12
45.	Mayiladuthurai	29
46.	Nagapattinam	32
47.	Pattukottai	27
48.	Ambur	30
	1	

	49.	Arakkonam	22
	50.	Arcot	19
	51.	Gudiyattam	32
_	52.	Ranipet	17
	53.	Tirupathur	30
	54.	Vanniyambadi	32
<u> </u>	55.	Walajapet	14
-	56.	Jolarpet	8
}	57.	Melvisharam	13
}	58.	Pernambut	15
-	59.	Tiruvannamalai	55
-	60.	Arani	19
-	61.	Thiruvathipuram	11.5
	62.	Villupuram	63
}	63.	Vandavasi	11
	64.	Tindivananam	22.41
	65,	Kallakurichi	18
	66.	Mettupalayam	24
	67.	Pollachi	29
•	68.	Udumalpet	17
	69.	Valparai	6.5
	70.	Dharapuram	17
	71.	Kangeyam	8.79
	72.	Palladam	15.18
	73.	Vellakovil	11.7
	74.	Gobichettipalayam	18

75.	Sathyamangalam	13.5
76.	Bhavani	9.5
77.	PunjaiPuliampatti	7
78.	Udhagamandalam	15
79.	Nelliyalam	3.5
80.	Gudalur	12.2
81.	Tenkasi	25.8
82.	Sankarankoil	18.32
83.	Kadayanallur	26
84.	Puliangudi	18
85.	Sengottai	6.16
86.	Ambasamudram	10.5
87.	Kuzhithurai	6.4
88.	Colachel	7.5
89.	Padmanabhapuram	7
90.	Rajapalayam	46.5
91.	Aruppukottai	24.5
92.	Srivilliputhur	24.12
93.	Sattur	10.4
94.	Thiruthangal	16
95,	Tirumangalam	16
96.	Usilampatty	10
97.	Theni	33
98.	Bodinayakanur	24
99,	Chinnamanur	13
100.	Cumbum	18

101.	Gudalur	12.82
102.	Periyakulam	13
	Kodaikanal	17
103.		41
104.	Palani	
105.	Oddanchatram	15
106.	Sivagangai	13.2
107.	Karaikudi	46.7
108.	Devakottai	17.85
109.	Ramanathapuram	20
110.	Paramakudi	28
111	Rameswaram	22.13
112	Keelakarai	18
113	Thiruverkadu	22.28
114	Thiruthani	12
115	Tiruvallur	24.33
116	Poonamallee	10.57
117	Panruti	17
118	Nellikuppam	12.5
119	Chidambaram	17
120	Sembakkam	24
121	Pammal	31
122	Anakaputhur	13.19
124	Pallavapuram	104
125	Tharamangalam	9.1
126	Edanganasalai	5
127	Manamadurai	10.

128	Pugalur	
		8
129	Adiramapattinam	6.7
130	Lalgudi	9.5
131	Surandai	8.916
132	Ambasamudram	10.5
133	Kalakad	8.4
134	Tiruchendur	11
135	Thirunindravur	9.51
136	Karamadai	13
137	Thirumuruganpoondi	9.6
138	Vadalur	7.5
139	Kundrathur	16.623
140	Kottakuppam	9.23
141	Sholinghur	11.5
142	Thirukovilur	10.54
143	Ulundurpet	9.62
144	Tirunelveli	222
		

Cities /Towns with 80 % to <100 % Transportation of waste generated

S. No.	Name of the Corporation / Municipality	Solid waste Generated (TPD)	Quantity of waste transported (TPD)
1.	Erode	196	176
2.	Coimbatore	1250	600
3.	Kangeyam	11	8.9
4.	Coonoor	14	12.5
5.	Kovilpatti	28.6	24.6
6.	kayalpattinam	14	12.5
7.	Lalgudi	9.29	9
8.	Virudhachalam	24	22
9.	Surandai	12.41	10.46
10.	Kalakad	6	3.39
. 11.	Mangadu	16	14.4

For Member Secretary

18/08/2023



Annexure -IX

Monitoring at Waste Processing/Dumpsites

Ground water quality have been monitored at the vicinity of solid waste dumpsites /Solid waste processing facilities pertaining to the following Corporations.

S.No	Name of the Urban Local Body
1	Chennai
2	Madurai
3	Coimbatore
4	Trichy
35	Tirunelveli
6	Thanjavur
7	Dindigul
8	Avadi
9.	Tiruppur
10	Kumbakonam
11	Nagercoil
12	Sivakasi
13	Kumbakonam
14	Salem
15	Thoothukudi
16	Hosur

Ambient Air quality monitoring is monitored at the vicinity of solid waste dumpsites pertaining to Corporations namely, Chennai, Coimbatore, Dindigul, Madurai, Trichy, Erode and Thanjavur.

Ground water quality have been monitored at the vicinity of solid waste dumpsites /Solid waste processing facilities pertaining to the following Municipalities.

S. No.	Name of the Urban local body
1.	Ariyalur
2.	Marakkanam
3.	Dindiyanam
4.	Kallakurichi
5.	Kodaikanal

6.	Keelakarai
7.	Orathanadu
8.	Paramakudi
9.	Rameswaram
10.	Ramanathapuram
11.	Aranthangi
12.	Pudukkottai
13.	Karaikudi
14.	Manamadurai
15.	Thiruppuvanam
16.	Thiruppathur
17.	Singampunari
_18.	Gudalur-Theni
19.	Uthamapalaym
20.	Periyakulam
21.	Theni
22.	Bodinayakanur
23.	Cumbum
24.	Chinnamanur
25.	Andipatty
26.	Ambasamudram
27.	Vickramasingapuram
28.	Shencottai
29.	Kadayanallur
30.	Tenkasi
31.	Sankarankoil
32.	Puliyankudi
33.	Vallam
34.	Vaniyambadi
35.	Virudhunagar
36	Sattur
37.	Thiruthangal
38.	Aruppukottai
39.	Srivilliputtur
40.	Rajapalayam
41.	Kovilpatti
42.	Villupuram

For Member Secretary