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**Municipal Administration  
and Water Supply (MA.IV)  
Department, Secretariat,  
Chennai - 600 009.**

**Letter No.18583/MA.IV(2)/2018-120, Dated 07.08.2023**

From  
Dr. D. Karthikeyan, I.A.S.,  
Principal Secretary to Government.

To  
The Registrar General,  
National Green Tribunal (Principal Bench),  
Faridkot House, Copernicus Marg,  
New Delhi- 110001.(w.e)

Sir,

Sub: Solid Waste Management - Compliance of Solid Waste Management Rules, 2016 and other environmental issues - Six month progress report on the projects/ works committed to the National Green Tribunal - Regarding.

Ref: Orders of the National Green Tribunal (PB) New Delhi in O.A.No.606/2018, dated 17.11.2022.

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I am to invite your kind attention to the Hon'ble National Green Tribunal order cited and as directed therein, I am to enclose six month progress report on the projects/ works committed to the National Green Tribunal regarding implementation of Solid Waste Management Rules, 2016 in the State of Tamil Nadu for filing before the Hon'ble National Green Tribunal, Principal Bench.

Yours faithfully

*N. Balusamy*  
for Principal Secretary to Government.

*20/07/2023*

**Status report on Compliance of Solid Waste Management Rules, 2016 including Legacy  
Waste and Liquid Waste Management**

The State of Tamil Nadu is one of the most urbanized State in India. According to the 2011 Census, Tamil Nadu's urban population is 48.45% as furnished below:

Total Population in Tamil Nadu	Urban Population			Total Urban Population	Percentage
	21 Corporations	138 Municipalities	490 Town Panchayats		
8,08,85,600	1,72,70,010	83,24,223	76,55,586	3,32,49,819	48.45

In Tamil Nadu, Municipal Administration and Water Supply Department has the administrative control over Greater Chennai Corporation, Directorate of Municipal Administration which deals with other Corporations and Municipalities and Directorate of Town Panchayats.

The Swachh Bharat Mission Urban 2.0 (SBM 2.0) has been launched on 01.10.2021 with a vision of achieving 'Garbage free' status for all cities. In order to achieve the said vision, the Government of Tamil Nadu is focusing on the four components namely sustainable solid waste management; sustainable sanitation and treatment of used water; awareness creation along with large scale citizen outreach to create "Jan Andolan" and institutionalize 'Swachh' behavior; and create institutional capacity to effectively implement programmatic interventions to achieve mission objectives. For effective implementation of the said vision, the Government of Tamil Nadu in G.O.Ms.No.07, Municipal Administration & Water Supply Department, dated 11.01.2022 have constituted three important committees namely State High Powered Committee (SHPC) under the Chairmanship of Chief Secretary to Government of Tamil Nadu, State Level Technical Committee (SLTC) under the Chairmanship of Additional Chief Secretary to Government of Tamil Nadu, Municipal Administration and Water Supply Department and District Level Committee (DLC) under the Chairpersonship of District Collectors. The said committees are periodically meeting for planning and reviewing the implementation of projects and to make capacity building of stake holders and activities connected herewith.

Several significant achievements have taken place in the State in the field of Solid Waste Management, Plastic Waste Management, Sewage Management and reuse of treated used water so as to protect the environment in healthy manner as furnished below:

### STATUS OF SOLID WASTE MANAGEMENT IN TAMIL NADU

In 649 ULBs (21 Corporations, 138 Municipalities and 490 Town Panchayats), the total quantum of solid waste generation is 15,240 TPD as on June 2023 as detailed below:-

Total Waste Generation (TPD)	Wet waste (TPD)	Dry waste (TPD)	Inert and silt (TPD)
15,240	8,196	5,519	1,525

The status of Solid Waste Management in Tamil Nadu is as furnished below :-

Details	Oct-22	June-23
Quantity of waste generated (TPD)	15,240	15,240
Quantity of Door-to-Door Collection (TPD)	14,788	14,935
Quantity of waste segregated at source (TPD)	12,954	12,954
Quantity of waste collected & Transported (TPD)	15,240	15,240
Quantity of waste processed (TPD)	10,086 (66%)	10,375 (68%)

#### Steps taken by Government of Tamil Nadu

- The Government of Tamil Nadu have notified the **State Policy on Solid Waste Management** on 24.08.2018 and its provisions are also included in rules 35 (17) and 39 (15) of the Tamil Nadu Combined Development and Building Rules, 2019. In this connection, all ULBs have framed and notified the Bye law with provisions for user fee and spot fines. Further, ULB wise Solid Waste Management Policy and action plan have also been prepared. Gazette Notification has also been issued by all the ULBs.
- Tamil Nadu Pollution Control Board has issued authorization letter to 219 ULBs, which are generating more than 5 TPD of solid waste as per Solid Waste Management Rules, 2016.
- Currently, the State has achieved 98% door to door collection, 85% source segregation and 100% of total waste is being collected. To achieve 100% collection and segregation, massive Information Education Communication (IEC) awareness campaign "**Peoples movement for clean cities**" has been launched on 03.06.2022. This campaign is being conducted in all ULBs on every 2<sup>nd</sup> & 4<sup>th</sup> Saturday and on every 3<sup>rd</sup> Wednesday in schools and colleges. The State is also conducting campaigns on Special days like World Environment Day, Ocean Day etc., the campaign has successfully completed one year from its inception. The main objective of the campaign is to make cities clean by bringing

behavioral changes among the people. Through IEC awareness campaign, the target of 100% Door to Door collection would be achieved before 31.12.2023 in the State.

### **Ban on Single use plastics**

The Government have issued orders in G.O (MS) No: 84, Environment and Forests (EC2) Department dated 25.06.2018, which prescribes that, no person including shopkeeper, vendor, wholesaler, retailer, trader, hawker or salesmen shall use, 'use and throwaway plastics' and it has been enforced from 01.01.2019.

### **Enforcement of Single Use Plastic Ban in the State**

The laws governing the Municipal Corporations, Municipalities and Town Panchayats have been amended by the Tamil Nadu Municipal Laws (Amendment) Act, 2019 (Tamil Nadu Act 12 of 2019) wherein the provision has been inserted for prevention of storage, supply, transport, sale and distribution of 'use and throw away plastics and penalty for breach of such provision has also been provided upto the imposition of Rs.1 lakh. This welcome step taken by the Government of Tamil Nadu has proven to be a remarkable initiative towards reducing the plastic waste and protecting the environment in the long run. From 01.11.2022, till 30.06.2023, 169.51 MT of banned plastics has been seized and Rs.752 lakh fine has been collected. (Annexure 1)

### **Solid Waste Processing:**

Out of 15,240 TPD of total waste generation, 10,375 TPD is being processed.

**Wet waste:** Out of 8,196 TPD of wet waste, 6,269 TPD is being processed.

- 1,008 Micro Composting Centres have been setup and 3,618 TPD of wet waste is processed in these MCCs. Further, 69 MCCs with capacity of 328 TPD are under various stages of implementation.
- In Greater Chennai Corporation, 2 nos. of Bio CNG plants with 100 TPD capacity each are operational. 5 Garden waste and tender coconut shell processing plants with 400 TPD capacity have been installed. Presently, 320 TPD of waste is processed in 4 plants. 2 Windrow composting centres are in operation with processing capacity of 50 TPD each. 5 Nos. of 100 TPD capacity of Bio CNG Plants will be set up soon.
- 907 Onsite Composting Centres (OCCs) are operational in Corporations and Municipalities with a processing capacity of 350 TPD as waste to compost.

- 107 Biomethanation plants are operational to process 259 TPD of wet waste. Currently, 1,422 TPD of waste is being processed in 516 Windrows in Town Panchyats and 26 Vermi Composting plants in Municipalities. Further, 321 Windrows with capacity of 590 TPD are under various stages of implementation.
- So far 2,39,434 MT of compost has been generated in 649 ULBs from October 2022 to June 2023 and supplied at marginal cost or at free of cost to farmers or used in the parks and gardens maintained by ULBs.

Sl.No.	Available wet waste processing facilities	No. of functional plants	Processing Capacity (TPD)
1	Micro Composting Centres	1,008	3618
2	Bio CNG plants	2	200
3	Garden waste and tender coconut shell processing plants	4	320
4	Onsite Composting Centres	907	350
5	Bio-methanation plants	107	259
6	Windrows and Vermi Composting centres	544	1,522
<b>Total</b>			<b>6,269</b>

**Dry Waste:** Out of 5,519 TPD of dry waste, 3,088 TPD is being processed.

- 464 nos. of Material Recovery Facilities/Resource Recovery Centres have been set up to process 1,928 TPD of dry waste. The Refuse Derived Fuel (RDF) from these centres is being sent to cement plants/ sugar mills/ power plants for usage as fuel. Further, 384 RRCs with capacity of 1115 TPD are under various stages of implementation.
- In the ULBs having land constraints, the Resource Recovery Centers (RRC) have been set up alongside the existing Micro Composting Centers (MCC).
- 1,160 TPD of saleable / recyclable waste from 649 ULBs is sold to local recyclers for recycling and reuse.
- In Greater Chennai Corporation, 4 nos. of incinerators viz., 50 TPD capacity at Kodungaiyur, 10 TPD at Manali, 5 TPD capacity at Zone 1 and 5 TPD capacity mobile incinerator at marina beach and 1 no of Pyrolysis plant of 20 TPD at Madhavaram are operational.

Sl.No.	Available dry waste processing facility	Processing Capacity (TPD)
1	Material Recovery Facilities/Resource recovery centres	<ul style="list-style-type: none"> <li>From 464 plants 1,928 TPD of non-recyclable waste disposed to cement industries.</li> <li>1,160 TPD of saleable/recyclable waste from 649 ULBs is sold to local vendors</li> </ul>
<b>Total</b>		<b>3,088</b>

**Gap in Solid Waste Processing:**

Description	Nov-2022	June -2023
Total Waste Generation (TPD)	15,240	15,240
Waste processed (TPD)	10,086	10,375
<b>Gap in TPD</b>	<b>5,154</b>	<b>4,865</b>
<b>Wet waste</b>		
Generation (TPD)	8,196	8,196
Processed (TPD)	6,188	6,269
<b>Gap</b>	<b>2,008</b>	<b>1,927</b>
<b>Dry waste</b>		
Generation (TPD)	5,519	5,519
Processed (TPD)	2,973	3,088
<b>Gap</b>	<b>2,546</b>	<b>2,431</b>
<b>Inert</b>		
Generation (TPD)	1,525	1,525
Utilized (TPD)	925	1,018
<b>Gap</b>	<b>600</b>	<b>507</b>

**Steps taken to reduce Gap:****Gap in Wet waste: 1,927 TPD (Annexure 2)**

Sl.No	Processing facility	Nos.	Capacity in TPD	Cost in Rs. cr	Source of Fund	Status of work
1	Bio CNG (GCC)	5	500	150.00	PPP* mode	Under Construction
		2	1,000	180.00	SBM 2.0/PPP	Perungudi & Kodungaiyur - DFR is under preparation
2	Bio CNG (DMA)	9	935	168.3	SBM 2.0/PPP	Madurai, Coimbatore, Salem, Trichy, Tirunelveli, Tiruppur, Thanjavur, Nagercoil, Tambaram - DFR is under preparation
3	MCC	69	328	37.72	SBM 2.0	All projects are under construction
4	Windrows composting	321	590	67.85	SBM 2.0	All projects are under construction

Sl.No	Processing facility	Nos.	Capacity in TPD	Cost in Rs. cr	Source of Fund	Status of work
5	Compost plant (GCC)	2	1000	80.50	SBM 2.0	Perungudi & Kodungaiyur - DFR is under preparation
<b>Total</b>			<b>4,353</b>	<b>684.37</b>		

\*-PPP – Public Private Partnership

**Gap in Dry Waste: 2,431 TPD (Annexure 3)**

Sl. No.	Processing facility	Nos.	Capacity in TPD	Cost in Rs. cr	Source of Fund	Status of work
1	Material Recovery Facilities	391	2,415	205.2	SBM 2.0	<ul style="list-style-type: none"> <li>• 384 works are in various stages of implementation in 362 ULBs.</li> <li>• Automated MRF - DFR under preparation for 7 ULBs.</li> </ul>
2	Material Recovery Facilities - Automated (GCC)	2	1,000	180.00	SBM 2.0	Perungudi & Kodungaiyur - DFR is under preparation
3	Waste to Energy (GCC)	1	1,100	270.00	SBM 2.0/PPP	Kodungaiyur - DFR is under preparation
<b>Total</b>		<b>394</b>	<b>4,515</b>	<b>655.2</b>		

**Gap in Inert Waste: 507 TPD**

Sl.No.	Processing facility	Nos.	Capacity in TPD	Cost in Rs. Cr	Source of Fund	Status of work
1	Scientific landfill	5	1,200	78.00	SBM 2.0	Approved by SHPC

## Legacy Waste Management:

- No of Locations where legacy waste exist - 271 nos.
- The estimated quantity of legacy waste - 207 lakh cu.m.
- Biomining works taken up - 269 locations (2 locations not feasible, at Colachal (Salt pan) and Kodaikanal (Hilly terrain)).
- 100% work completed in 119 locations, cleared 52.64 lakh Cu.m. of legacy waste and 574 acres of land has been reclaimed. (Annexure 4)
- In addition to above, 50.86 lakh cu.m of legacy waste has been cleared from 150 sites where the biomining work is in progress.
- Thus far, 103.5 lakh cu.m of legacy waste has been cleared. The balance legacy waste is 103.5 lakh cu.m for which biomining work is either in progress or has been approved.

SL.No	No. of locations	Total quantity in lakhs Cu.m	Legacy waste cleared in lakhs Cu.m	Balance legacy waste to be cleared in lakh cu.m	Progress in Percentage
1	113	51.80	51.80	0	100%
2	25	22.02	19.11	2.91	> 75%
3	28	45.58	29.02	16.56	50 to 75%
4	24	7.29	2.70	4.59	25 to 50%
5	79	80	0.80	79.44	0-25%
	<b>269</b>	<b>207</b>	<b>103.43</b>	<b>103.5</b>	

## Good Models for Replication:

### Trichy Corporation:

- The Corporation promotes on-site composting for all the Bulk waste generators. Bishop Heber College is one of the bulk waste generator in Trichy. The campus holds 13,000 students and generate approximately 2 TPD of total waste. The college ensures that all the waste it generates goes into proper processing. The college campus has a Biogas plant, Vermi compost plant and Material Recovery Facility. The biogas generated from the plant is used in kitchen for hostels inside the campus, the

bio-compost generated is utilized as manure for the green cover in the campus and the dry waste generated is sold to the authorized recyclers.

**Sattur Municipality:**

- The city established Reduce Reuse Recycle (RRR) center in all wards for the citizens to deposit their waste materials like books, furniture, footwear, clothes, plastic items from the households so that it can be refurbished and reused or recycled. The city encouraged to manage these RRR centers through volunteers from SHGs, RWAs, Green ambassadors etc, the city focused on creating awareness with the tagline: **“One Man’s waste is another Man’s Wealth”**.
- The City tied up with local recyclers to disposal of the collected waste.
- **“Takeaway point”**: These items were displayed for the people in need for their own purpose.

**Srivilliputhur Municipality:**

- To engage citizens managing their household waste, Srivilliputhur Municipality had identified Ward -19 of NGO Colony. It has been envisaged to convert it into an ATMANIRBAR (zero-waste) ward by encouraging kitchen gardening.
- The Animators and Supervisors were proactive throughout the program and they guided the residents in composting techniques and identified the Green Ambassadors.
- Green Ambassadors later became local experts in home composting. The Ambassadors were felicitated and motivated for their contribution towards green and clean environment.

**Sulur Town Panchayat:**

- The total waste generated in the Town Panchayat is about 7 TPD. The wet waste is being effectively processed through windrow composting, 2.5 TPD of recyclable waste is being managed in resource recovery park.
- **“Rags to Bags”** a themed workshop was conducted to students of RVS College students. Around 100 students were trained to create bags from waste clothes, and these were distributed to the public as alternative to plastic bag usage.

**Naravarikuppam Town Panchayat:**

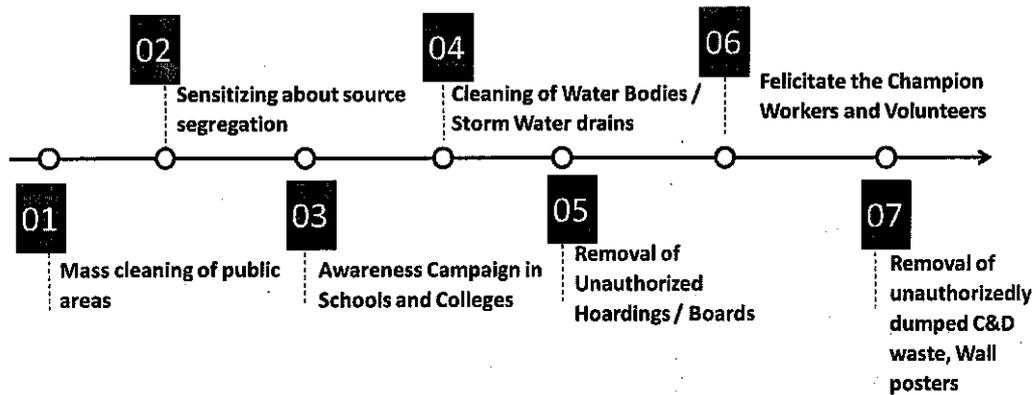
- To produce zero waste, the Naravarikuppam Town Panchayat in Tamil Nadu has transformed a garbage dump into a garden.

- While dump yard received a mix of wet and dry waste, the wet waste is used as compost and the dry waste which includes anything from broken commodes to discarded torn shoes are being used as pots to grow plants.
- The garden now has lemon, black plum, ladies finger, pomegranate, bitter gourd, guava and more plants. The produce is used/consumed by the sanitation workers.

**Best Practices:**

**I. People Movement for clean cities - My Waste, My Responsibility ("என் குப்பை - என் பொறுப்பு")**

- To make the cities clean and to involve every citizen in journey towards garbage free cities, Peoples Movement for Clean Cities has been launched on mass scale in Urban Local Bodies.
- The campaign was launched at Chennai on 03.06.2022. Simultaneously, it was launched in all other ULBs.
- Special campaign to create awareness about cleanliness on 2<sup>nd</sup> and 4<sup>th</sup> Saturday of every month with the following objectives:-
  - To sensitize people about solid waste management and make them aware about their responsibility
  - To create awareness among the segregation of waste at source
  - To ensure non littering of public places
  - To quest for cleanliness among the citizens
  - To say No to Single Use Plastic (SUP)
- Further, on 3<sup>rd</sup> Wednesday of every month a special awareness campaign is conducted in schools and Colleges.
- Since its inception, the campaign has completed one year successfully in the below thematic areas:



- Three cycles of campaign are completed in the year 2022-2023, and the State has prepared a Calendar for 2023-2024 as given below. This year we have considered to conduct campaigns on special days like World Environment Day, World Earth Day, Ocean Day etc.

08.04.2023 10.06.2023 14.10.2023 13.01.2024	• Mass Cleaning In Public Places
22.04.2023 22.07.2023 28.10.2023 27.01.2024	• Sensitization of Source Segregation
13.05.2023 12.08.2023 11.11.2023 10.02.2024	• Cleaning of Water Bodies
27.05.2023 26.08.2023 25.11.2023 24.02.2024	• Removal of unauthorised hoarding /boards
08.07.2023 09.09.2023 09.12.2023 09.03.2024	• Felicitation of Champion workers
24.06.2023 23.09.2023 23.12.2023 23.03.2024	• Removal of unauthorizedly dumped C&D waste

19.04.2023 21.06.2023 19.07.2023 16.08.2023 20.09.2023 18.10.2023 15.11.2023 20.12.2023 17.01.2024 21.02.2024 20.03.2024	• Awareness campaign on Solid Waste Management and cleanliness in schools and colleges (every 3 <sup>rd</sup> Wednesday of every month)	22.04.2023 : World Earth Day 05.06.2023 : World Environment Day 08.06.2023 : World Ocean Day 15.08.2023 : Independence Day 24.09.2023 : World Rivers Day 02.10.2023 : Gandhi Jayanti 14.11.2023 : Children's Day 19.11.2023 : World Toilet Day 14.01.2024 : Bhogi 08.03.2024 : International Women's Day 21.03.2024 : World Forest Day 22.03.2024 : World Water Day
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## II. Sezhippu

On 12<sup>th</sup> May 2023, the Government of Tamil Nadu have launched “Sezhippu” branding for organic compost generated from municipal solid waste in all the ULBs. This would enable the State to promote and propagate the use of organic compost.



The “Sezhippu” branding focuses on producing quality compost which adheres to Fertilizer Control Order 2009 of organic Compost. Furthermore, the city compost produced would be utilized in Urban Forest created throughout the State in the completed Biomining sites.

## SEWAGE AND SEPTAGE MANAGEMENT IN TAMIL NADU

- In terms of sewage and septage management, Tamil Nadu has accorded the highest priority to the implementation of underground sewerage schemes and wastewater treatment plants across local bodies in order to provide better sanitation facilities.
- In the State of Tamil Nadu, there were 664 Urban Local Bodies (ULBs) now reorganized in 649 ULBs. The Government of Tamil Nadu has proposed to implement UGSS in all Municipal Corporation, AMRUT cities, District

headquarters towns and some other towns of tourist and religious importance. The State has proposed to cover the remaining towns with Faecal sludge and Septage Management (FSSM) and appropriate grey water treatment facilities.

#### **Under Ground Sewerage Schemes (UGSS)**

61 ULBs have functional underground sewerage systems, 10 ULBs have ongoing UGSS and in 8 ULBs UGSS schemes are sanctioned and awaiting for approval from bank, where STPs have been proposed in the revised used water action plan under SBM 2.0

The remaining 570 ULBs will be covered with grey and black water treatment facilities, of these 48 ULBs have functional FSTPs and 12 ULBs were sanctioned under SBM 2.0. on pilot basis for STP cum FSTP. The remaining 510 ULBs are proposed to be covered by STP cum FSTP and FSTP under SBM 2.0, either on cluster basis or on standalone basis and got approved from SHPC.

#### **Faecal Sludge and Septage Management (FSSM)**

- Indiscriminate disposal of faecal sludge and septage in open environment and water bodies poses a great danger to the environment. Therefore, it is imperative to regulate the operation and movement of the lorries, trailers or any other vehicles used for decanting of septic tanks and cesspools and transportation of faecal sludge and septage to ensure safe disposal of the faecal sludge and septage.
- The Government of Tamil Nadu have recognized the importance of Faecal Sludge and Septage Management (FSSM) as a viable method of sanitation for smaller cities and town and outgrowths in metropolitan cities. In pursuance of National Policy on Faecal Sludge and Septage Management, to provide complete full cycle of sanitation in the local bodies, a comprehensive programme has been formulated, for regulating periodic cleaning of septic tanks and transportation, treatment and disposal of faecal sludge and septage. For that purposes, the laws governing the Municipal Corporations, Municipalities, Town Panchayats and Chennai Metropolitan Water Supply and Sewerage have been amended by the Tamil Nadu Municipal Laws and the Chennai Metropolitan Water Supply and Sewerage (Amendment) Act, 2022 (Tamil Nadu Act 34 of 2022). For violation of such provisions severe penalty have also been provided therein.

- Co-treatment of faecal sludge with sewage in underutilized Sewage Treatment Plants (STPs) in a cluster approach was suggested and decanting facility creation is initiated in 21 ULBs.

**Sewage Treatment Capacity and Gap****Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB)**

The operational area of Chennai city is 426 Sq.km and the estimated Sewage Generation at present is 743 Million litres per day (MLD). CMWSSB is entrusted with collecting the sewage and is being treated at the existing 13 Sewage Treatment Plants with a total installed capacity of 745 MLD. Further, additional 338 MLD treatment capacity has been added since July 2022. Thus, the total treatment capacity available with CMWSSB is 1083 MLD. In addition to above, sewage treatment plants with a combined treatment capacity of 134 MLD are at various stages of construction. The details of capacity addition, under construction STPs, utilization of treated sewage, recycle and revenue generated through reuse is enclosed in **Annexure 5**.

**Directorate of Municipal Administration (DMA)**

20 Corporations (excluding Greater Chennai Corporation) and 138 Municipalities in Tamil Nadu are under the administrative control of Directorate of Municipal Administration and the estimated sewage generation at present is 1,698.73 MLD. The collected sewage is treated in the existing Sewage Treatment Plants with a total installed capacity of 994.31 MLD and an additional capacity of 234.93 MLD is under trail run. Thus 1,229.24 MLD sewage treatment capacity is available in the corporations and municipalities (other than GCC). The STPs capacity addition and utilization of treated sewage is enclosed in **Annexure 6**.

**Directorate of Town Panchayats (DTP)**

There are 490 Town Panchayats in Tamil Nadu and the estimated sewage generation at present is 429.29 MLD. The collected sewage is treated at the existing 12 Sewage Treatment Plants, 10 faecal sludge treatment plants and onsite treatment facility with a total installed capacity of 42.36 MLD. The STPs capacity addition and utilization of treated sewage is enclosed in **Annexure 7**.

### Directorate of Rural Development and Panchayat Raj (DRD&PR)

There are 12,525 Village Panchayats in Tamil Nadu and the estimated grey water generation at present is 1,130 MLD. Majority quantity of grey water generated from rural households is absorbed in-situ through kitchen gardens and individual soak pits. About 1018 MLD of grey water is being treated with the available infrastructures across 37 Districts. In order to fill the gap in treatment of 112 MLD of grey water, treatment units for a total capacity of 143 MLD have been proposed. (Annexures 11)

#### Action taken for reducing the gap

The implementing authorities namely Director of Municipal Administration, Commissioner of Town Panchayat and Commissioner of Rural Development and Panchayat Raj have taken various effective steps to reduce gap in treatment of sewage from October 2022 to June 2023 and the same has helped in reducing the gap considerably as detailed below,

#### Details of Sewage Management in Tamil Nadu

Category	Quantity of sewage generation (MLD)	Treatment capacity in (MLD) Oct 2022	Current treatment capacity (MLD) June 2023	Gap in treatment (MLD) Oct 2022	Current gap in treatment (MLD) June 2023	Utilization of treated sewage (MLD)		
						Agriculture/ Horticulture Purpose	Industrial purpose	Any other purpose
CMWSSB (Chennai)	743.00	912.80	1082.80*	Attained	-	0.20	79.00	-
DMA	1,698.73	1,229.07	1229.24	469.66	469.49**	36.50	44.00	-
DTP	429.29	42.294	42.36	386.99	386.93***	6.82	-	-
DRD&PR	1130	954.88	1017.98	175.12	112.20^	-	-	-
<b>Total</b>	<b>4,001.02</b>	<b>3,139.04</b>	<b>3,372.38</b>	<b>1,031.77</b>	<b>968.62</b>	<b>43.52</b>	<b>123</b>	<b>-</b>

\*Two STPs of total treatment capacity 170 MLD is completed, and the current treatment capacity increased from 912.80 to 1082.80 MLD

\*\*To fill the treatment gap of 469.49 MLD, STPs at 7 locations with 120.31 MLD capacity are under construction, STPs at 5 locations with 216.57 MLD capacity are sanctioned and STPs at 13 locations with 246.24 MLD capacity are proposed. STP cum FSTPs at 11 locations with 33.80 MLD capacity are under construction, FSTPs at 17 locations with 0.44 MLD capacity are under construction and FSTPs at 15 locations with 0.21 MLD capacity are proposed. Therefore, the treatment capacity will over and above the gap by 148.08 MLD. (Annexure 9)

\*\*\*To fill the treatment gap of 386.93 MLD, , STP cum FSTP at 468 locations with 876.4 MLD capacity and Grey water treatment units along polluted river stretches at 8 locations with 12.9 MLD capacity are approved under SBM-U (2.0). (Annexure 10)

^Treatment units with total capacity of 63.10 MLD are completed. Hence gap reduced from 175.12 MLD to 112.20 MLD. (Annexure 11)

Steps taken to reduce gap:

**Treatment Units under construction/proposed (Annexure 9)  
(Other Corporation and Municipalities)**

Sl. No.	Category	Capacity of the plant (MLD)	Cost in Rs. Cr	Fund Source	Status
1	STPs (07 Locations)	120.31	205.42	AMRUT 2.0/ADB/IUDM/CRRT/HUDCO	Under construction
2	STPs (5 Locations)	216.57	650.40	SBM 2.0/AMRUT 2.0/Kfw	Sanctioned in 5 <sup>th</sup> SHPC held on 26-06-2023
3	STPs (13 locations)	246.24	566.44	AMRUT 2.0/SBM 2.0/kfw	Included in the approved action plan of SBM 2.0/AMRUT 2.0
4	STP cum FSTP (11 Locations)	33.80	108.93	SBM 2.0/AMRUT 2.0/kfw	Under construction
5	FSTPs (17 locations)	0.44	55.13	IUDM/SBM 2.0	Under construction
6	FSTPs (15 locations)	0.21	37.30	SBM 2.0/State fund	Included in the approved action plan of SBM 2.0.
<b>Total</b>		<b>617.57</b>	<b>1,623.62</b>		

**Treatment Units under construction/proposed – Town Panchayats (Annexure 10)**

Sl. No.	Category	Capacity of the plant (MLD)	Cost in Rs. Cr	Fund Source	Status
1	STP cum FSTP at 468 locations	876.4	1,263.62	SBM 2.0	Approved in 5 <sup>th</sup> SHPC held on 26-06-2023
2	Grey water treatment units along Polluted River Stretches (8 locations)	12.9	6.16	SBM 2.0	Under Construction
<b>Total</b>		<b>889.3</b>	<b>1,269.78</b>		

\*The projects are approved by GOI under SBM (U) 2.0

**Treatment Units under construction/proposed – Directorate of Rural Development and Panchayat Raj (Annexure 11)**

Sl.No.	Category	Capacity (MLD)	Cost in Rs. Cr	Fund Source	Status
1	Individual Soak Pits (4,90,000 Nos)	73.50	588.00	MGNREGS	Actions being taken for the provision of infrastructure facility
2	Community Soak Pits (70,000 Nos)	28.00	102.00	SBM (G) / 15 <sup>th</sup> FC / MGNREGS	
3	Vertical Filters (4,806 Nos)	24.03	68.00	SBM (G) / 15 <sup>th</sup> FC / MGNREGS	
4	Horizontal Filters (3,091 Nos)	15.46	47	SBM (G) / 15 <sup>th</sup> FC / MGNREGS	
5	Other Grey Water Management Facilities (32 Nos)	2.21	16.00	SBM (G) / 15 <sup>th</sup> FC	
<b>Total</b>		<b>143.20</b>	<b>820.00</b>		

**Way Forward**

**Liquid waste Management**

In compliance of the orders passed by the tribunal in OA No. 606/2018, the Government of Tamil Nadu have committed to reduce the gap in treatment capacity by setting up additional treatment units as follows:-

Sl. No	Category	Current gap in treatment capacity in MLD (May 2023)	Committed Treatment capacity in MLD	Funds Committed	
				Cost in Rs. Cr	Source
1	Chennai city-CMWSSB	Nil	134	237.59	AMRUT/TNIPP/ Smart City
2	Directorate of Municipal Administration	469.49	617.57	1,623.62*	SBM 2.0 /ADB / IUDM/ State fund
3	Directorate of Town Panchayat (DTP)	386.93	889.3	1269.78 **	SBM 2.0/IUDM
4	Directorate of Rural Development and Panchayat Raj (DRD&PR)	112.20	143.20	820.00	SBM (G)/15 <sup>th</sup> FC/ MGNREGS
<b>Total</b>		<b>968.62</b>	<b>1,784.07</b>	<b>3,950.99</b>	

\*Cost of STP and FSTP sanctioned, under construction and proposed

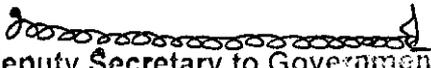
\*\*Includes cost of STP cum FSTP treatment units (468 locations) and Grey water treatment units along Polluted River Stretches (8 locations).

Thus the State has committed a sum of nearly Rs. 6,277.29 crore for creating additional solid waste processing capacity, clearing legacy waste through biomining and setting up Sewage Treatment Plants / Faecal Sludge Treatment Plants and grey water treatment units to bridge the gap. This includes the cost of ongoing as well as proposed facilities and also the cost of PPP components.

For this purpose, UGSS schemes are under implementation in 10 added areas of Greater Chennai Corporation and other 7 cities at a cost of Rs. 2,684.98 crore. The Government have also allocated an amount of Rs.6,326.28 crore for taking up the implementation of Under Ground Sewerage Schemes (UGSS) in left out areas of Chennai city, 10 Corporations and 3 Municipalities under AMRUT 2.0 / Externally Aided Projects (EAP). (Annexure 12).

**Chief Secretary to Government  
State of Tamil Nadu**

//True Copy//

  
**Deputy Secretary to Government  
Municipal Administration and  
Water Supply Department,  
Secretariat, Chennai-600 009**

### Plastic Waste Management initiatives in ULBs

The G.O (MS) No:84 Environment and Forests (EC2) Department dated 25.06.18 ULBs, prescribes that, no person including shopkeeper, vendor, wholesaler, retailer, trader, hawker or salesmen shall use, 'use and throwaway plastics', which has been enforced from 01.01.2019.

- Based on the above G.O, notification for ban on 'Single use plastics' has been made in all ULBs.
- A system to complain about the presence or availability of SUP is available in all ULBs in the form of Swachhata app, Whatsapp number, toll free number and mail id.
- Intensive efforts are taken by all ULBs to conduct periodic inspections at places of wholesaler, distributors, shops, hotels and other marketplaces.
- Plastic Seizures are done randomly and fine is also levied. In small shops and street shops sufficient awareness about harmful effects of plastics and the availability of alternate bio degradable materials is also sensitized.
- Around 1540.12MT of plastics were seized since 2019 and fine amount of Rs.826.48 lakhs being collected towards it.
- Awareness meetings with Resident welfare associations, Traders associations were also conducted.
- School and College students were sensitized about harmful effects of Plastics through Pledge and involved in different activities.
- Police department was also requested in checking the movement of SUP along the borders of ULBs with rural areas.
- A program namely 'People's Movement for clean cities' was launched in Tamil Nadu on 3<sup>rd</sup> June 2022 with a vision to transform the cities into garbage free cities.
- Alternate materials to plastics like cloth bags, paper etc are used by shopkeepers in many ULBs and wide spread awareness is created to use cloth bags and Manjappai again.
- Mass cleaning activities were done to clean the water bodies (Storm water drains/canals/rivers etc) and plastic waste were recovered and sent to cement factories.
- Source segregation of garbage is the prime objective of the programme. Awareness is given to RWAs/NGOs, Volunteers from schools and colleges about source segregation. Later they are enrolled as volunteers and a registry of volunteers is created for future activities.
- RWAs, Trader associations and volunteers from School and College are taken to processing and Resource Recovery Centre to sensitize about the procedure involved in processing and disposing the plastic waste.

- Children are encouraged to take up waste to wealth activities by converting plastic into toys, pen-stands, flower vases and other reusable materials.
- In many places volunteers from school colleges are involved in door-to-door awareness campaigns in source segregation and explaining the ill effects of plastics.
- Exhibitions for alternate materials and plastics were conducted in all ULBs to promote the use of biodegradable materials in the place of plastics.
- In many places startups who manufacture alternate packing materials are encouraged through Swachhata startup challenge.

Wastes which are dumped over the years have been categorized as Legacy Waste and are scientifically processed through biomining and disposed. The plastic materials recovered through biomining are sent to cement factories for combustion. The cleared sites are planted with trees and converted to urban forestry through the funds from 15<sup>th</sup> Finance Commission.

### **Enforcement of Single Use Plastic Ban in the State**

Bill has been passed in the assembly to empower the ULBs towards notification and enforcement of penalty clause for manufacture, stocking and usage of one time use and throw plastics by issuing suitable amendments to their Bye-laws. This welcome step taken by the Government has proven to be a remarkable initiative towards reducing the plastic waste and sustaining the cleanliness of environment in the long run. From 1.1.19, 1540.12MT of banned plastics had been seized and the total fine collection is Rs.826.48 lakhs lakh till 30.06.2023.

### **Quantity of Plastic Seizure and Fine Collection**

S.No	Name of the Regions / Corporations	No.of IEC Activities Conducted (Nos.)	No. of Raids Conducted (Nos.)	Quantity of Banned Plastic Seizure in (MT)	Fine Collected (Rs. In Lakhs)
<b>Corporations</b>					
1	Madurai	4521	8996	26.997	61.781
2	Coimbatore	9153	19015	36.687	63.431
3	Salem	7473	4537	50.689	58.296
4	Tiruchirappalli	2783	1523	31.329	37.673
5	Tirunelveli	952	18165	7.863	24.350
6	Tiruppur	2363	21142	64.638	17.279
7	Erode	1637	2789	9.800	17.455
8	Vellore	3299	3205	98.443	16.311
9	Thoothukudi	4660	8531	15.071	14.652
10	Dindigul	898	667	41.706	13.765
11	Thanjavur	2198	6013	107.268	17.082
12	Nagercoil	659	5303	9.189	21.463
13	Hosur	1704	2606	11.477	32.197
14	Avadi	1910	2035	28.326	12.161
15	Karur	757	722	7.223	9.296
16	Cuddalore	592	691	16.804	3.277
17	Kancheepuram	3147	2505	27.222	20.848
18	Tambaram (10)	2017	2581	73.713	21.362

S.No	Name of the Regions / Corporations	No.of IEC Activities Conducted (Nos.)	No. of Raids Conducted (Nos.)	Quantity of Banned Plastic Seizure in (MT)	Fine Collected (Rs. In Lakhs)
	ULBs)				
19	Sivakasi	1156	838	25.179	10.463
20	Kumbakonam	335	373	97.028	33.384
	<b>Total</b>	<b>52214</b>	<b>112237</b>	<b>786.651</b>	<b>506.526</b>
<b>Regions</b>					
1	Chengalpattu	10682	8787.8	138.771	41.800
2	Vellore	28864	20981	142.233	45.100
3	Salem	3121	7583	71.821	39.047
4	Tiruppur	5660	7554	38.796	47.943
5	Madurai	10277	10122	95.811	36.453
6	Thanjavur	4853	4924	200.594	64.453
7	Tirunelveli	10506	7702	65.44	45.16
	<b>Total</b>	<b>73963</b>	<b>67654</b>	<b>753.47</b>	<b>319.95</b>
	<b>Grand Total</b>	<b>126177</b>	<b>179891</b>	<b>1540.12</b>	<b>826.481</b>

**Status of Plastic Waste Management in ULBs**

**Tamparam Corporation**

As per the High Court Order, W.P.No. 34065 of 2018 & Rev.A.89 of 2019 which instructed to strictly enforce the ‘ban on single use of plastics, the following actions has been taken:

- Five task forces for five zones headed by Sanitary Officers were formed



Respected NGT Justice Mr. Jothimani Conduct Meeting With Mayor, Deputy Mayor and Council Members Regarding Solid waste Management on 09.03.2022

- 67.52MT of single use plastics (SUP) were seized from bakeries, flower vendors, street food vendors, wholesalers, etc and fine amount of Rs.20.75 lakhs was collected.



**Tambaram - Plastic raids in wholesale shops**

During the seizure shopkeepers and street vendors were explained about the harmful effects of Single use plastics to the environment.



PALLAVAPURAM MUNICIPALITY / பல்லைபுறம் நகராட்சி		SERVICE REQUEST RECEIPT	
007/01/21-22/0009342 Penalty 0 NAME/SH 3 SANITARY INSPECTOR TAMBARAM CITY MUNICIPAL CORPORATION, PALLAVARAM, CHENNAI Pin Code: 600044	Received Date / இடங்கிடைப்பு நாள் 18-Mar-2022 12:56:17 PM 9841629677	Payment Mode: Cash Amount / தொகை ₹	
S No / இலக்கம்	Fees Description	Payment Mode: Cash	Amount / தொகை ₹
1	Penalty - Plastic Items		₹200.00
0043642		Total / கலுவலர்	₹200.00
Remarks: Payment Details: ₹200.00, Cash		Signature: மகேசுவரன்	

**Fine Book Receipt**

- Awareness created in 39 schools and 5 colleges, around 600 NGO/RWAs and 65 elected representatives participated in the campaigns.





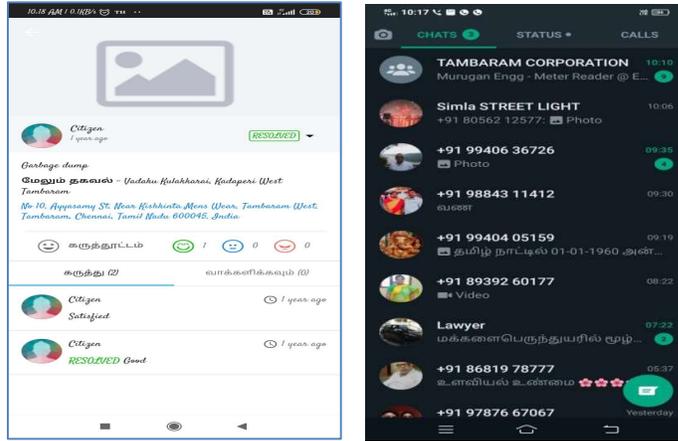
**Awareness created in schools, colleges, RWA/NGOs and in public places**



- Alternate use of materials instead of plastics (manjappai or cloth bags, paper, paaku mattai, silver foil etc)



- Publicity created giving awareness on lodging complaints through
  - Swachhata app (by downloading from playstore)
  - Toll free no. 4254355
  - Whatsapp no. 8438353355
  - Website: commr.tambaram2014@gmail.com



**Waste to wealth activities by students**



**Tiruchirapalli Corporation**



**Sirkali Municipality**

**Tiruvarur Municipality**



**Guduvancheri Municipality**



Thoothukudi Corporation

Awareness on Ban on SUP



Bodi Municipality



Thoothukudi Corporation



**Trichy Corporation**

**Distribution of IEC materials and pamphlets**



**Sivagangai Municipality**



**Tamparam Corporation**



**Thoothukudi Corporation**

**Plastic baled and sent to cement factories**



**Plastics sold by sanitary workers to vendors**



**Tiruchirapalli Corporation**

**Plastic seizure at commercial places**



**Periyakulam Municipality**

Alternatives for SUP – Devakottai Municipality



Tambaram Corporation



Tiruchirapalli Corporation

**Exhibition conducted for creating awareness on SUP**



**Salem Corporation**



**Palani Municipality**

**Plastic buy back policy practised in schools**



**Vikramasingapuram Municipality**

**IEC activities - Cleaning of water bodies**

**Before**



**After**



**Kumbakonam Municipality**

## Wet waste (Micro Composting Centre) – Works Progress

Sl.No.	Name of the ULB	Total waste Generation (In MT)	Wet waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
<b>Projects Completed after November 2022</b>							
1	Madurantakam	11	6	4	3	3	1
2	Chengalpattu	22	14	8	6	2	1
3	Ponneri	12	7	0	7	3	1
4	Komarapalayam	25	14	5	9	3	1
5	Pallipalayam	14	8	5	3	3	1
6	Tharamangalam	11	5	0	5	3	1
7	Udumalpet	21	13	9	4	4	1
8	Chinnamanur	14	9	5	4	4	1
9	Gobichettipalayam	20	13	11	2	2	1
10	Koothanallur	9	5	4	1	2	1
<b>Total</b>						<b>29</b>	<b>10</b>
<b>Projects Under Construction</b>							
1	Tamparam	665	266	102	164	10	2
2	Nandivaram - Guduvancheri	28	16	5	11	5	1
3	Vadalur	16	9	0	9	5	1
4	Thirunindravur	17	7	0	7	5	1
5	Tittakudi	8	5	0	5	4	1
6	Tharamangalam	11	5	0	5	3	1
7	Ambur	40	22	11	11	6	2
8	Namakkal	51	30	20	10	10	2
9	Edaganasalai	8	4	2	2	2	1
10	Pallapatti	10	5	0	5	5	1
11	Pugalur	10	5	0	5	3	1
12	Gudalur©	17	9	0	9	8	2
13	Karamadai	15	8	0	8	4	1
14	Kangeyam	15	9	6	3	3	1
15	Keelakarai	24	14	9	5	5	1
16	Kollancode	17	10	4	6	7	2
17	Surandai	15	8	2	6	2	1
18	Tiruchendur	12	8	0	8	5	2
19	Kalakad	10	6	0	6	5	2
20	Chengalpattu	22	14	11	3	3	1
21	Thiruthani	17	9	6	4	4	1
22	Virudhachalam	27	15	12	3	3	1
23	Kundrathur	25	14	6	8	8	2
24	Mangadu	22	12	4	8	8	2
25	Thiruninravur	17	7	5	3	3	1

Sl.No.	Name of the ULB	Total waste Generation (In MT)	Wet waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
26	Vadalur	16	9	0	9	9	2
27	Karamadai	15	8	4	4	4	1
28	Karumathampatti	13	8	0	8	8	2
29	Madukkarai	11	6	4	3	3	1
30	Theni Allinagaram	40	20	16	5	5	1
31	Periyakulam	14	8	6	3	3	1
32	Manamadurai	13	8	0	8	8	2
33	Tiruvarur	23	14	13	3	3	1
34	Puliangudi	23	13	12	3	3	1
35	Surandai	15	8	4	4	4	1
36	Tiruchendur	12	8	5	3	3	1
37	Tirunelveli	242	145	85	60	50	1
38	Erode	278	106	85	20	20	4
39	Thoothukudi	204	108	72	36	10	2
40	Avadi	302	151	68	83	20	4
41	Tambaram	665	266	102	164	35	7
42	Kanchipuram	166	91	50	41	10	2
43	Sivakasi	68	37	33	4	4	1
<b>Total</b>						<b>328</b>	<b>69</b>

## Wet waste (Windrow Composting plant) – Works Progress

Sl.No.	Name of the ULB	Total waste Generation (In MT)	Wet waste (In MT)	Processing facilities available	Gap (In MT)	Approved Capacity (In MT)	No. of units
				(In MT)			
<b>Projects Completed After November 2022</b>							
1	Uthiramerur	9	5	4	2	2	1
2	Vaniputhur	4	2	2	0	1	1
3	Kollankovil	3	2	1	1	1	1
4	Periyakodiveri	7	4	1	3	3	1
5	Dhali	2	1	1	0	1	1
6	Komaralingam	5	3	2	1	1	1
7	Perur	3	2	1	1	1	1
8	Naduvattam	3	2	1	1	2	1
9	Aduthurai	4	3	2	1	1	1
10	Thiruvidaimaruthur	5	3	1	2	3	1
11	Peravurani	8	5	3	2	3	1
12	Thirunageswaram	6	3	2	1	2	1
13	Veppathur	3	2	1	1	2	1
14	Vaitheeswarankoil	3	2	1	1	1	1
15	Labbaikudikadu	6	4	1	3	4	1
16	Pullambadi	4	2	1	1	2	1
17	Agaram	6	4	3	1	1	1
18	Chinnalapatti	11	6	4	3	3	1
19	Nilakottai	10	6	3	3	3	1
20	Thadicombu	8	5	3	2	2	1
21	Alanganallur	5	3	2	1	1	1
22	Elumalai	6	3	2	1	2	1
23	Chettiyarpatti	6	4	2	2	2	1
24	Kariyapatti	8	5	3	2	2	1
25	Mallankinaru	5	3	2	1	1	1
26	Seithur	7	4	3	1	2	1
27	Ganguvarpatti	5	3	1	2	2	1
28	Puduvayal	4	3	2	1	1	1
29	Vilathikulam	6	4	3	1	1	1
30	Kalugumalai	5	3	2	2	1	1
31	Alagappapuram	4	2	2	1	1	1
32	Azhagiapandipuram	4	2	2	0	1	1
33	Kanniyakumari	10	6	4	2	2	1
<b>Total</b>						<b>58</b>	<b>33</b>
<b>Projects Under Construction</b>							
1	Sriperumbudur	12	7	5	2	2	1
2	Acharapakkam	4	2	1	1	2	1
3	Edaikazhinadu	11	6	4	2	3	1

Sl.No.	Name of the ULB	Total waste Generation (In MT)	Wet waste (In MT)	Processing facilities available	Gap (In MT)	Approved Capacity (In MT)	No. of units
4	Karunguzhi	4	3	1	2	2	1
5	Thirupporur	6	4	2	1	2	1
6	Tirukalukundram	11	6	4	3	3	1
7	Arani	7	4	2	2	2	1
8	Gummidipoondi	7	4	1	3	3	1
9	Minjur	10	6	3	3	3	1
10	Naravarikuppam	9	5	1	4	4	1
11	Pallipet	3	2	1	1	2	1
12	Thirumazhisai	7	4	1	3	3	1
13	Uthukottai	5	3	2	1	2	1
14	Odugathur	3	2	1	1	1	1
15	Pallikonda	8	4	2	3	3	1
16	Thiruvalem	3	2	1	1	1	1
17	Ammoor	4	3	1	2	2	1
18	Kalavai	3	2	1	1	2	1
19	Kaveripakkam	5	3	1	2	2	1
20	Nemili	4	3	1	2	2	1
21	Panapakkam	4	2	2	0	1	1
22	Thakkolam	5	3	1	2	3	1
23	Thimiri	6	3	1	3	3	1
24	Vilapakkam	3	2	1	1	1	1
25	Alangayam	6	4	1	3	3	1
26	Natrampalli	4	2	1	1	2	1
27	Udayendiram	5	3	1	2	2	1
28	Chengam	11	7	5	2	3	1
29	Chetpet	7	4	2	2	3	1
30	Desur	3	2	1	1	1	1
31	Kalambur	5	3	1	2	2	1
32	Kannamangalam	2	1	1	1	2	1
33	Kilpennathur	5	3	2	1	2	1
34	Pernamallur	2	1	1	1	1	1
35	Polur	10	6	4	3	4	1
36	Pudupalayam	4	2	1	1	2	1
37	Vettavalam	6	3	1	3	3	1
38	Karimangalam	5	3	2	1	1	1
39	Marandahalli	5	3	2	1	2	1
40	Papparapatti	5	3	2	1	1	1
41	Bargur	6	4	3	1	1	1
42	Denkanikottai	10	6	3	3	3	1
43	Kaveripattinam	5	3	3	1	1	1
44	Uthangarai	7	4	3	2	2	1

Sl.No.	Name of the ULB	Total waste Generation (In MT)	Wet waste (In MT)	Processing facilities available	Gap (In MT)	Approved Capacity (In MT)	No. of units
45	Ayothiyapattinam	5	3	1	2	2	1
46	Ethapur	4	2	2	1	1	1
47	Jalakandapuram	6	4	2	2	3	1
48	Kadayampatti	5	3	3	0	1	1
49	Kannakuruchi	9	5	5	1	1	1
50	Keeripatti	4	2	1	2	2	1
51	Kolathur	5	3	3	1	1	1
52	Konganapuram	4	2	1	1	1	1
53	Mecheri	11	7	5	2	2	1
54	Nangavalli	4	3	2	1	2	1
55	Omalur	7	4	4	0	1	1
56	P.N.Patti	10	6	3	3	4	1
57	Pethanaickenpalayam	6	4	3	1	1	1
58	Sankari	11	6	3	3	4	1
59	Thammampatti	8	5	2	3	4	1
60	Thevur	3	2	1	1	1	1
61	Vanavasi	3	2	2	0	1	1
62	Vazhapadi	8	5	2	3	4	1
63	Veeraganur	4	3	2	1	1	1
64	Athanur	3	2	2	1	1	1
65	Erumapatty	4	3	2	1	1	1
66	K.N.Patty	4	2	2	1	1	1
67	Mallasamudram	6	4	3	1	2	1
68	Mohanur	6	3	3	1	1	1
69	Namagiripettai	7	4	3	2	2	1
70	Padaveedu	4	2	2	1	1	1
71	Paramathy	4	3	2	1	1	1
72	Pattanam	3	2	2	0	1	1
73	Pillanallur	5	3	2	1	1	1
74	Pothanur	8	5	3	2	2	1
75	R.Pudupatty	3	2	1	1	1	1
76	Seerapalli	4	2	2	0	1	1
77	Sendamangalam	7	4	3	1	2	1
78	Velur	11	6	5	2	2	1
79	Vengarai	3	2	2	0	2	1
80	Vennandur	5	3	2	1	1	1
81	Appakudal	4	2	1	1	2	1
82	Arachalur	5	3	1	2	2	1
83	Avalpoondurai	5	3	1	2	2	1
84	Chennimalai	7	4	2	2	4	1
85	Elathur	3	2	1	1	1	1

Sl.No.	Name of the ULB	Total waste Generation (In MT)	Wet waste (In MT)	Processing facilities available	Gap (In MT)	Approved Capacity (In MT)	No. of units
86	Jambai	6	4	1	3	3	1
87	Kanjikovil	4	2	1	1	3	1
88	Karumandichellipalayam	10	6	2	4	4	1
89	Kilambadi	2	1	1	0	1	1
90	Kodumudi	5	3	1	2	2	1
91	Kolappalur	4	2	1	2	2	1
92	Kugalur	4	2	1	1	2	1
93	Lakkampatti	5	3	1	2	3	1
94	Modakkurichi	4	2	1	1	2	1
95	Nambiyur	6	4	1	3	3	1
96	Nerinjipettai	3	2	1	1	1	1
97	Olagadam	3	2	1	1	1	1
98	P.Mettupalayam	3	2	1	1	1	1
99	Pallapalayam	3	2	1	1	1	1
100	Pasur	1	1	0	0	1	1
101	Perundurai	12	7	3	4	4	1
102	Pethampalayam	3	2	1	1	1	1
103	Sivagiri	6	4	2	2	2	1
104	Vadugapatti	3	2	1	1	1	1
105	Vellottamparappu	3	2	1	1	1	1
106	Vengambur	3	2	1	1	1	1
107	Avinashi	13	7	2	5	6	1
108	Chinnakkampalayam	4	3	2	1	1	1
109	Kolathuppalayam	6	4	2	2	2	1
110	Madathukulam	7	4	3	1	2	1
111	Mulanur	6	3	1	2	3	1
112	Muthur	5	3	1	2	2	1
113	Rudravathi	3	2	1	1	1	1
114	Samalapuram	9	5	0	5	5	1
115	Sangaramanallur	4	2	1	1	1	1
116	Uthukuli	4	2	2	0	1	1
117	Alandurai	3	2	1	1	1	1
118	Anaimalai	7	4	2	2	2	1
119	Chettipalayam	5	3	1	2	2	1
120	Irugur	13	8	2	6	6	1
121	Kannampalayam	8	5	2	3	4	1
122	Kottur	10	6	2	4	4	1
123	Mopperipalayam	5	3	2	1	2	1
124	Odayakulam	5	3	2	2	2	1
125	Othakkalmandapam	5	3	2	1	1	1

Sl.No.	Name of the ULB	Total waste Generation (In MT)	Wet waste (In MT)	Processing facilities available	Gap (In MT)	Approved Capacity (In MT)	No. of units
126	Pallapalayam	6	4	1	2	3	1
127	Periyaneagamam	3	2	1	1	1	1
128	Periyanaicken-palayam	12	7	3	4	4	1
129	Pooluvapatti	5	3	1	2	2	1
130	Samathur	2	1	1	1	1	1
131	Sarkarsamakulam	5	3	2	1	1	1
132	Suleswaranpatti	9	5	0	5	5	1
133	Sulur	12	7	4	3	3	1
134	Thirumalayampalayam	5	3	2	1	1	1
135	Veerapandi	9	5	2	3	3	1
136	Vettaikaranpudur	7	4	2	2	2	1
137	Adigaratty	6	3	2	1	2	1
138	Bikkatty	2	1	0	1	2	1
139	Devarshola	10	6	4	2	3	1
140	Hulical	2	1	0	1	1	1
141	Jegathala	5	3	1	2	2	1
142	Ketti	9	5	2	4	4	1
143	KilKundah	3	2	1	1	1	1
144	Kotagiri	11	7	2	5	5	1
145	Sholur	4	2	1	1	1	1
146	Killai	6	4	3	1	2	1
147	Arakandanallur	3	2	1	1	1	1
148	Gingee	13	8	4	4	4	1
149	Marakkanam	8	5	1	4	3	1
150	Valavanur	9	5	2	3	3	1
151	Chinnasalem	11	6	3	3	3	1
152	Sankarapuram	7	4	2	2	1	1
153	Thiyagadurgam	9	5	2	3	3	1
154	Vadakkanandal	9	5	2	3	3	1
155	Ammapettai	5	3	1	2	2	1
156	Ayyampettai	6	3	2	1	2	1
157	Cholapuram	3	2	1	1	1	1
158	Madukkur	6	3	2	1	2	1
159	Melattur	3	2	1	1	1	1
160	Orathanadu	3	2	1	1	2	1
161	Papanasam	6	4	2	2	3	1
162	Perumagalur	2	1	1	0	1	1
163	Thirukattupalli	5	3	2	2	2	1
164	Thiruppanthal	4	2	2	1	1	1

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Sl.No.	Name of the ULB	Total waste Generation (In MT)	Wet waste (In MT)	Processing facilities available	Gap (In MT)	Approved Capacity (In MT)	No. of units
165	Thirupuvanam	5	3	1	2	2	1
166	Thiruvaiyaru	6	3	2	1	2	1
167	Vallam	7	4	1	3	3	1
168	Nannilam	5	3	2	1	1	1
169	Kodavasal	5	3	2	1	1	1
170	Koradachery	2	1	1	0	1	1
171	Muthupettai	8	5	0	5	5	1
172	Thalanayar	5	3	2	1	1	1
173	Kilvelur	3	2	2	0	1	1
174	Velankanni	7	4	3	1	1	1
175	Tharangampadi	9	5	3	2	2	1
176	Kuthalam	6	4	2	2	2	1
177	Balakrishnanpatti	3	2	1	1	1	1
178	Kallakudi	4	2	1	1	2	1
179	Kattuputhur	4	2	1	1	2	1
180	Koothapar	4	2	1	1	2	1
181	Mannachanallur	11	7	2	5	5	1
182	Mettupalayam	3	2	1	1	1	1
183	Ponnampatti	5	3	1	2	3	1
184	Puvalur	4	2	1	1	2	1
185	S.Kannanur	8	5	2	3	3	1
186	Sirugamani	4	2	1	2	2	1
187	Thathaiyanganpattai	5	3	2	2	2	1
188	Thottiam	6	3	2	1	1	1
189	Uppiliapuram	3	2	1	1	1	1
190	UdaiyarPalayam	5	3	1	2	2	1
191	Varatharajanpettai	3	2	1	1	2	1
192	Arumbavur	4	3	1	2	2	1
193	Kurumbalur	5	3	1	2	2	1
194	Poolambadi	4	2	2	1	2	1
195	Alangudi	5	3	1	2	2	1
196	Annavasal	4	2	1	1	1	1
197	Arimalam	4	2	1	1	2	1
198	Iluppur	5	3	2	1	1	1
199	Karambakudi	6	3	1	2	3	1
200	Keeramangalam	4	2	0	2	3	1
201	Keeranur	5	3	1	2	2	1
202	Ayyalur	7	4	1	3	3	1
203	Ayyampalayam	4	3	1	2	2	1
204	Balagamudram	6	4	1	3	3	1
205	Batlagundu	10	6	4	2	2	1

Sl.No.	Name of the ULB	Total waste Generation (In MT)	Wet waste (In MT)	Processing facilities available	Gap (In MT)	Approved Capacity (In MT)	No. of units
206	Eriodu	3	2	1	1	1	1
207	Kannivadi	4	2	2	0	1	1
208	Keeranur	3	2	1	1	1	1
209	Natham	10	6	2	4	4	1
210	Neikkarapatti	4	2	2	1	1	1
211	Palayam	6	4	1	3	3	1
212	Pannaikkadu	4	2	1	2	2	1
213	Pattiveeranpatti	3	2	1	1	1	1
214	Sevugampatti	5	3	2	1	2	1
215	Sithayankottai	6	3	2	1	2	1
216	Srirampuram	5	3	2	1	1	1
217	Vadamadurai	7	4	1	3	3	1
218	Vedasandur	5	3	1	2	2	1
219	Krishnarayapuram	4	2	2	1	1	1
220	Puliyur	5	3	3	0	1	1
221	Uppidamangalam	4	3	2	1	1	1
222	Palamedu	5	3	2	1	1	1
223	Paravai	8	5	4	1	1	1
224	Sholavandan	8	5	2	3	3	1
225	Mamsapuram	7	4	2	2	2	1
226	S.Kodikulam	5	3	0	3	3	1
227	Sundarapandiam	3	2	1	1	1	1
228	W.Pudupatti	3	2	1	1	1	1
229	Watrap	6	4	2	2	2	1
230	Andipatti	12	7	3	5	5	1
231	Boothipuram	5	3	1	2	2	1
232	Devadanapatti	7	4	1	3	4	1
233	Hanumanthampatti	4	3	1	2	2	1
234	Kamayagoundanpatti	8	5	1	4	4	1
235	Kombai	7	4	1	3	4	1
236	Kuchanur	3	2	1	1	2	1
237	Markayankottai	2	1	1	0	1	1
238	Melachokkanathapuram	7	4	1	3	3	1
239	Odaipatti	5	3	1	2	2	1
240	Palani Chettipatti	7	4	2	2	3	1
241	Pannaipuram	4	3	1	2	2	1
242	Pudupatti	5	3	1	2	3	1
243	Thamaraikulam	6	3	1	2	3	1
244	Thenkarai	7	4	1	3	3	1
245	Thevaram	6	4	2	2	2	1

Sl.No.	Name of the ULB	Total waste Generation (In MT)	Wet waste (In MT)	Processing facilities available	Gap (In MT)	Approved Capacity (In MT)	No. of units
246	Uthamapalayam	14	8	3	5	6	1
247	Vadugapatti	7	4	1	3	3	1
248	Veerapandi	7	4	1	3	3	1
249	Kottaiyur	6	4	2	2	2	1
250	Kandanur	3	2	1	1	1	1
251	Kanadukathan	2	1	1	1	1	1
252	Thirupuvanam	9	6	4	2	2	1
253	Tirupathur	9	5	4	1	2	1
254	Ilayangudi	8	5	3	2	2	1
255	Nerkuppai	3	2	1	1	1	1
256	Abiramam	3	2	1	1	1	1
257	Kamuthi	6	3	2	1	2	1
258	Mandapam	9	5	2	3	3	1
259	Mudukulathur	6	3	2	1	2	1
260	R.S.Mangalam	7	4	1	3	3	1
261	Sayalgudi	6	4	1	3	3	1
262	Thondi	8	4	2	2	3	1
263	Cheranmahadevi	7	4	2	2	2	1
264	Eruvadi	7	4	2	2	2	1
265	Gopalamudram	4	2	1	1	1	1
266	Kallidaikuruchi	9	5	3	2	3	1
267	Melaseval	3	2	1	1	1	1
268	Moolaikaraipatti	5	3	2	1	3	1
269	Nanguneri	2	1	1	1	1	1
270	Pathamadai	6	4	2	1	2	1
271	Sankarnagar	3	2	1	1	1	1
272	Thisaiyanvilai	10	6	3	2	4	1
273	Vadakkuvalliyoor	12	7	4	3	3	1
274	Veeravanallur	7	4	2	2	2	1
275	Ayikudy	6	3	3	0	1	1
276	Courtallam	8	5	1	4	4	1
277	Ilanji	4	2	2	0	1	1
278	Keelapavoor	9	5	3	2	2	1
279	Melagaram	6	3	3	0	1	1
280	Panpoli	4	2	2	1	1	1
281	Pudur(S)	5	3	2	1	2	1
282	Rayagiri	4	2	2	0	1	1
283	Sivagiri	8	5	3	2	2	1
284	Sunderapandiapuram	3	2	2	1	1	1
285	Thiruvenkadam	3	2	2	0	1	1
286	Vasudevanallur	8	4	3	1	2	1

Sl.No.	Name of the ULB	Total waste Generation (In MT)	Wet waste (In MT)	Processing facilities available	Gap (In MT)	Approved Capacity (In MT)	No. of units
287	Arumuganeri	10	6	1	5	5	1
288	Ettayapuram	5	3	2	1	1	1
289	Kanam	1	1	1	0	1	1
290	Kayathar	4	2	1	1	1	1
291	Nazerath	6	3	1	2	2	1
292	Pudur(V)	3	2	2	0	1	1
293	Udangudi	6	4	2	2	1	1
294	Agasteeswaram	4	2	2	1	1	1
295	Anjugramam	4	3	2	1	1	1
296	Aralvaimozhi	10	6	4	2	2	1
297	Arumanai	6	3	3	1	1	1
298	Boothapandy	6	3	3	1	1	1
299	Edaicode	12	7	4	3	3	1
300	Kadayal	7	4	3	1	2	1
301	Kaliyakkavilai	8	5	3	2	2	1
302	Karungal	6	3	3	1	1	1
303	Kottaram	4	2	2	0	1	1
304	Kumarapuram	5	3	2	1	1	1
305	Manavalakurichy	5	3	2	1	1	1
306	Marungoor	4	2	2	0	1	1
307	Mylaudy	4	2	2	1	1	1
308	Nalloor	7	4	3	1	2	1
309	Ponmanai	6	4	3	1	2	1
310	Puthalam	7	4	2	2	2	1
311	Puthukadai	4	2	2	1	1	1
312	Reethapuram	12	7	4	4	4	1
313	Suchindrum	6	3	2	1	2	1
314	Thazhakudy	3	2	1	1	1	1
315	Theroor	3	2	1	1	1	1
316	Thingalnager	6	3	3	1	1	1
317	Thiruparappu	9	5	0	5	5	1
318	Thiruvithancode	7	4	2	2	2	1
319	Valvachagostam	6	3	3	1	1	1
320	Verkilambi	7	4	2	2	2	1
321	Villukuri	6	3	3	1	1	1
	<b>Grand Total</b>					<b>590</b>	<b>321</b>

## Wet waste (Bio – CNG) Works in Progress

Sl. No	Location of Facility	Plant Capacity Generation(In MT)	Present Status
1	GCC- Madhavaram-II	100	Work is under progress
2	GCC- Sholinganallur-I	100	Work is under progress
3	GCC- Sholinganallur-II	100	Work is under progress
4	GCC- Koyambedu-I	100	Work is under progress
5	GCC- Koyambedu-II	100	Work is under progress
6	GCC- Perungudi	500	DRF under preparation
7	GCC- Kodungaiyur	500	DRF under preparation
8	Madurai	200	DRF under preparation
9	Coimbatore	150	DRF under preparation
10	Salem	100	DRF under preparation
11	Trichy	100	DRF under preparation
12	Tirunelveli	25	DRF under preparation
13	Tiruppur	200	DRF under preparation
14	Thanjavur	20	DRF under preparation
15	Nagercoil	40	DRF under preparation
16	Tamparam	100	DRF under preparation
	<b>Total</b>	<b>2,435</b>	

## Wet waste (Compost Plant) Works in Progress- Greater Chennai Corporation

Sl. No	Location of Facility	Plant Capacity Generation(In MT)	Present Status
1	Perungudi	500	DRF under preparation
2	Kodungaiyur	500	DRF under preparation
	<b>Total</b>	<b>1,000</b>	

## Dry waste (Material Recovery Facility) Approved by SHPC

Sl. No	Name of the ULB	Total waste Generation (In MT)	Dry waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
<b>Projects Completed After November 2022</b>							
1	Kanchipuram	166	68	10	58	5	1
2	Madurantakam	11	4	2	2	3	1
3	Valparai	9	3	0	3	3	1
4	Chinnamanur	14	5	2	3	3	1
5	Walajabad	5	2	2	1	1	1
6	Karunguzhi	4	2	1	1	1	1
7	Kannamangalam	2	1	1	0	1	1
8	Periyakodiveri	7	3	0	3	3	1
9	Vaniputhur	4	2	1	1	1	1
10	Komaralingam	5	2	0	2	2	1
11	Perur	3	1	0	1	1	1
12	Thiruvidadimaruthur	5	2	1	2	2	1
13	Peravurani	8	3	1	2	2	1
14	Thirunageswaram	6	2	2	0	1	1
15	Veppathur	3	1	1	1	1	1
16	Vaitheeswarankoil	3	1	1	0	1	1
17	Ammayanaickanur	8	3	2	1	1	1
18	Nilakottai	10	3	3	1	1	1
19	Ganguvarpatti	5	2	0	2	2	1
20	Moolaikaraipatti	5	2	1	1	1	1
21	Vilathikulam	6	2	1	1	1	1
22	Kalugumalai	5	2	1	1	1	1
23	Azhagiapandipuram	4	2	1	1	1	1
24	Attoor	4	2	0	2	2	1
25	Ponmanai	6	3	2	1	1	1
<b>Total</b>						<b>42</b>	<b>25</b>
<b>Projects Under Construction</b>							
1	Kanchipuram	166	68	10	58	15	3
2	Salem	577	184	140	44	50	1
3	Vellore	231	80	20	60	10	1
4	Avadi	302	121	10	111	20	2
5	Hosur	84	26	5	21	20	2
6	Thanjavur	131	39	0	39	50	1
7	Karur	118	38	31	7	10	1
8	Dindigul	107	43	10	33	30	3
9	Cuddalore	40	14	5	9	10	1
10	Thiruvannamalai	79	28	6	22	10	2
11	Villupuram	75	26	8	18	10	2

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Sl. No	Name of the ULB	Total waste Generation (In MT)	Dry waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
12	Kumbakonam	83	27	10	17	20	1
13	Sivakasi	68	25	0	25	30	3
14	Namakkal	51	16	8	8	10	2
15	Nagapattinam	34	10	0	10	10	2
16	Tiruchengode	37	12	5	7	10	2
17	Theni Allinagaram	40	16	4	12	5	1
18	Kadayanallur	34	13	3	10	10	2
19	Aruppukottai	28	9	4	5	5	1
20	Mayiladuthurai	30	10	4	6	5	1
21	Bodinayakanur	25	8	4	5	5	1
22	Srivilliputhur	24	10	0	10	10	2
23	Virudhachalam	27	10	5	5	5	1
24	Tindivanam	26	10	2	10	10	x
25	Virudhunager	25	9	0	9	5	1
26	Komarapalayam	25	8	3	5	5	1
27	Krishnagiri	24	11	2	10	10	2
28	Tenkasi	25	10	2	10	10	2
29	Dharmapuri	25	10	0	10	10	3
30	Mannargudi	23	6	0	6	6	2
31	Puliangudi	23	8	0	8	10	2
32	Ramanathapuram	25	7	2	5	5	1
33	Kollancode	17	7	0	7	5	1
34	Chidambaram	20	7	5	3	3	1
35	Attur	17	6	3	3	3	1
36	Tiruvarur	23	10	5	5	5	1
37	Sankarankovil	22	7	4	5	5	1
38	Poonamallee	31	12	4	8	5	1
39	Tiruvallur	28	11	5	6	5	1
40	Mettur	18	6	3	3	3	1
41	Ranipet	18	5	4	3	3	1
42	Rasipuram	17	7	4	3	3	1
43	Perumbalur	19	9	4	5	5	1
44	Vickramasingapuram	15	5	0	5	5	1
45	Nellikuppam	16	6	2	4	5	1
46	Thiruthani	17	6	0	6	5	1
47	N.Guduvanchery	28	12	0	12	5	1
48	Kundrathur	25	9	1	8	5	1
49	Manaparai	14	6	2	4	5	1
50	Sivagangai	13	6	2	4	5	1
51	Vellakovil	16	5	3	2	3	1
52	Vadalur	16	5	1	4	5	1
53	Keelakarai	24	7	5	2	3	1
54	Thiruvathipuram	12	4	0	4	5	1
55	Thiruninravur	17	9	0	9	10	2

Sl. No	Name of the ULB	Total waste Generation (In MT)	Dry waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
56	Ambasamudram	12	4	0	4	5	1
57	Surandai	14	5	0	5	5	1
58	Karamadai	15	5	2	3	5	1
59	Karumathampatti	13	4	0	4	5	1
60	Sirkali	12	5	1	4	5	1
61	Vedaranyam	13	6	1	5	5	1
62	Thuraiyur	16	6	0	6	10	2
63	Tiruchendur	12	4	0	4	5	1
64	Vandavasi	11	5	0	5	5	1
65	Ponneri	12	5	1	4	5	1
66	Pallapatti	10	4	0	4	5	1
67	Sattur	11	4	0	4	5	1
68	Titakudi	8	3	0	3	5	1
69	Kuzhithurai	7	2	0	2	3	1
70	Mangadu	22	7	0	7	5	1
71	Uthiramerur	9	3	2	1	1	1
72	Acharapakkam	4	1	1	1	1	1
73	Mamallapuram	10	4	2	2	3	1
74	Thirupporur	6	3	1	2	2	1
75	Tirukalukundram	11	5	1	4	4	1
76	Arani	7	3	1	2	2	1
77	Gummidipoondi	7	3	1	2	2	1
78	Minjur	10	4	1	3	4	1
79	Naravarikuppam	9	4	0	4	4	1
80	Thirumazhisai	7	3	1	2	2	1
81	Uthukottai	5	2	1	1	1	1
82	Odugathur	3	1	1	0	1	1
83	Pallikonda	8	3	3	1	1	1
84	Thiruvalam	3	1	1	0	1	1
85	Ammoor	4	2	1	1	1	1
86	Kalavai	3	1	1	0	1	1
87	Kaveripakkam	5	2	1	1	1	1
88	Nemili	4	2	1	1	1	1
89	Panapakkam	4	2	1	1	1	1
90	Thakkolam	5	2	1	1	1	1
91	Thimiri	6	2	1	1	2	1
92	Alangayam	6	2	1	2	2	1
93	Natrampalli	4	2	1	1	1	1
94	Udayendiram	5	2	1	1	1	1
95	Chengam	11	4	3	1	2	1
96	Chetpet	7	3	1	2	2	1
97	Desur	3	1	1	0	1	1
98	Kalambur	5	2	1	1	1	1
99	Kilpennathur	5	2	1	1	2	1

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Sl. No	Name of the ULB	Total waste Generation (In MT)	Dry waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
100	Polur	10	4	3	1	2	1
101	Pudupalayam	4	2	1	1	1	1
102	Vettavalam	6	2	1	1	1	1
103	Harur	10	4	3	1	1	1
104	Pennagaram	7	3	1	2	2	1
105	Denkanikottai	10	4	2	2	2	1
106	Kaveripattinam	5	2	0	2	2	1
107	Nagojanahalli	4	1	0	1	2	1
108	Uthangarai	7	3	3	0	1	1
109	Attayampatti	5	2	0	2	2	1
110	Ayothiyapattinam	5	2	1	1	1	1
111	Ethapur	4	2	1	1	1	1
112	Gangavalli	5	2	2	0	1	1
113	Jalakandapuram	6	2	0	2	3	1
114	Kadayampatti	5	2	1	1	1	1
115	Keeripatti	4	2	0	2	2	1
116	Kolathur	5	2	1	1	1	1
117	Konganapuram	4	2	0	2	2	1
118	Mecheri	11	4	0	4	5	1
119	Omalur	7	3	0	3	3	1
120	P.N.Patti	10	4	0	4	4	1
121	Pethanaikenpalayam	6	2	0	2	3	1
122	Sankari	11	4	1	3	3	1
123	Thammampatti	8	3	0	3	3	1
124	Thedavur	3	1	0	1	2	1
125	Thevur	3	1	1	0	1	1
126	Vazhapadi	8	3	2	1	2	1
127	Veeraganur	4	2	0	2	2	1
128	K.N.Patty	4	1	1	1	1	1
129	Pattanam	3	1	1	1	1	1
130	R.Pudupatty	3	1	1	0	1	1
131	Anthiyur	8	3	1	3	3	1
132	Appakudal	4	2	1	1	1	1
133	Arachalur	5	2	0	2	2	1
134	Avalpoondurai	5	2	1	1	1	1
135	Chennimalai	7	3	2	1	2	1
136	Chithode	4	1	1	0	1	1
137	Elathur	3	1	1	1	1	1
138	Jambai	6	2	1	1	2	1
139	Kanjikovil	4	2	1	1	1	1
140	Karumandichellipalayam	10	4	1	3	3	1
141	Kodumudi	5	2	1	1	1	1
142	Lakkampatti	5	2	0	2	2	1
143	Nerinjipettai	3	1	0	1	1	1

## 2054

Sl. No	Name of the ULB	Total waste Generation (In MT)	Dry waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
144	Olagadam	3	1	0	1	2	1
145	Perundurai	12	5	1	4	4	1
146	Pethampalayam	3	1	0	1	1	1
147	Sivagiri	6	2	0	2	3	1
148	Vadugapatti	3	1	0	1	2	1
149	Vengambur	3	1	0	1	1	1
150	Avinashi	13	5	1	5	5	1
151	Kolathuppalayam	6	2	1	1	2	1
152	Mulanur	6	2	0	2	3	1
153	Muthur	5	2	0	2	2	1
154	Sangaramanallur	4	1	1	0	1	1
155	Uthukuli	4	2	1	1	1	1
156	Alandurai	3	1	0	1	1	1
157	Anaimalai	7	3	0	3	3	1
158	Chettipalayam	5	2	0	2	2	1
159	Irugur	13	5	0	5	5	1
160	Kannampalayam	8	3	0	3	3	1
161	Kottur	10	4	0	4	4	1
162	Mopperipalayam	5	2	0	2	2	1
163	Odayakulam	5	2	0	2	2	1
164	Othakkalmandapam	5	2	0	2	2	1
165	Pallapalayam	6	2	0	2	3	1
166	Periya negamam	3	1	0	1	1	1
167	Periyanaicken-palayam	12	5	0	5	5	1
168	Pooluvapatti	5	2	0	2	2	1
169	Samathur	2	1	0	1	1	1
170	Sarkarsamakulam	5	2	0	2	2	1
171	Suleswaranpatti	9	3	0	3	4	1
172	Sulur	12	5	0	5	5	1
173	Thirumalayampalayam	5	2	0	2	2	1
174	Veerapandi	9	3	0	3	3	1
175	Vettaikaranpudur	7	3	0	3	3	1
176	Adigaratty	6	2	2	1	1	1
177	Bikkatty	2	1	1	0	1	1
178	Devarshola	10	4	2	2	2	1
179	Jegathala	5	2	1	1	1	1
180	Ketti	9	4	2	2	2	1
181	Naduvattam	3	1	1	1	1	1
182	Sholur	4	1	1	0	1	1
183	Gingee	13	5	1	4	4	1
184	Marakkanam	8	3	1	2	2	1
185	Aduthurai	4	2	1	1	1	1
186	Ammapettai	5	2	1	1	1	1
187	Ayyampettai	6	2	2	0	1	1

## 2055

Sl. No	Name of the ULB	Total waste Generation (In MT)	Dry waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
188	Madukkur	6	2	1	1	2	1
189	Melathiruppanthru	3	1	1	1	1	1
190	Papanasam	6	2	1	1	2	1
191	Perumagalur	2	1	1	0	1	1
192	Thirukattupalli	5	2	1	1	1	1
193	Thirupuvanam	5	2	1	1	1	1
194	Thiruvaiyaru	6	2	2	1	1	1
195	Vallam	7	3	1	2	2	1
196	Nannilam	5	2	1	1	2	1
197	Kodavasal	5	2	1	2	2	1
198	Koradachery	2	1	1	0	1	1
199	Muthupettai	8	3	0	3	3	1
200	Valangaiman	4	2	1	1	1	1
201	Thalanayar	5	2	1	1	1	1
202	Kilvelur	3	1	1	0	1	1
203	Tharangampadi	9	3	2	2	2	1
204	Kuthalam	6	3	1	2	2	1
205	Manalmedu	3	1	1	0	1	1
206	Mannachanallur	11	4	2	3	3	1
207	Pullambadi	4	2	0	2	2	1
208	Puvalur	4	2	0	2	2	1
209	S.Kannanur	8	3	1	2	2	1
210	Sirugamani	4	2	1	1	1	1
211	Uppiliapuram	3	1	1	0	1	1
212	Udaiyar Palayam	5	2	1	1	2	1
213	Kurumbalur	5	2	1	1	2	1
214	Labbaikudikadu	6	2	2	1	1	1
215	Alangudi	5	2	1	1	1	1
216	Annavasal	4	1	1	0	1	1
217	Arimalam	4	2	1	1	1	1
218	Iluppur	5	2	0	2	2	1
219	Karambakudi	6	2	1	1	2	1
220	Keeramangalam	4	2	0	2	2	1
221	Keeranur	5	2	0	2	2	1
222	Agaram	6	2	2	1	1	1
223	Balagamudram	6	2	2	1	1	1
224	Batlagundu	10	4	3	1	1	1
225	Chinnalapatti	11	4	3	1	1	1
226	Eriodu	3	1	1	0	1	1
227	Kannivadi	4	2	1	1	1	1
228	Natham	10	4	3	1	1	1
229	Neikkarapatti	4	1	1	0	1	1
230	Palayam	6	2	2	1	1	1
231	Pannaikkadu	4	1	1	0	1	1

## 2056

Sl. No	Name of the ULB	Total waste Generation (In MT)	Dry waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
232	Pattiveeranpatti	3	1	1	0	1	1
233	Sithayankottai	6	2	2	1	1	1
234	Sriramapuram	5	2	1	1	1	1
235	Vadamadurai	7	3	2	1	1	1
236	Vedasandur	5	2	2	0	1	1
237	Aravakurichi	6	2	2	1	1	1
238	Krishnarayapuram	4	2	1	1	1	1
239	Marudur	4	1	1	0	1	1
240	Nangavaram	7	3	2	1	1	1
241	P.J. Cholapuram	3	1	1	0	1	1
242	Puliyur	5	2	2	0	1	1
243	Punjaitthottakurichi	4	2	1	1	1	1
244	Uppidamangalam	4	2	1	1	1	1
245	A.Vallalapatti	3	1	1	0	1	1
246	Alanganallur	5	2	1	1	2	1
247	Elumalai	6	2	1	1	2	1
248	Palamedu	5	2	1	1	2	1
249	Paravai	8	3	1	2	2	1
250	Peraiyur	4	2	1	1	1	1
251	Sholavandan	8	3	1	2	2	1
252	T.Kallupatti	5	2	1	1	1	1
253	Vadipatti	11	4	1	4	4	1
254	Chettiyarpatti	6	2	1	1	2	1
255	Kariyapatti	8	3	1	2	2	1
256	Mallankinaru	5	2	1	1	2	1
257	Mamsapuram	7	3	1	2	2	1
258	S.Kodikulam	5	2	0	2	2	1
259	Seithur	7	3	1	2	2	1
260	Sundarapandiam	3	1	0	1	1	1
261	W.Pudupatti	3	1	0	1	1	1
262	Watrap	6	2	0	2	2	1
263	Andipatti	12	5	0	5	5	1
264	Boothipuram	5	2	0	2	2	1
265	Devadanapatti	7	3	0	3	3	1
266	Hanumanthampatti	4	2	0	2	2	1
267	Highways	2	1	0	1	1	1
268	Kamayagoundanpatti	8	3	0	3	3	1
269	Kombai	7	3	0	3	3	1
270	Kuchanur	3	1	0	1	2	1
271	Markayankottai	2	1	0	1	1	1
272	Melachokkanathapuram	7	3	0	3	3	1
273	Odaipatti	5	2	0	2	2	1
274	Palani Chettipatti	7	3	0	3	3	1
275	Pannaipuram	4	2	0	2	2	1

Sl. No	Name of the ULB	Total waste Generation (In MT)	Dry waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
276	Pudupatti	5	2	0	2	2	1
277	Thamaraikulam	6	2	0	2	2	1
278	Thenkarai	7	3	0	3	3	1
279	Thevaram	6	3	0	3	3	1
280	Uthamapalayam	14	6	0	6	6	1
281	Vadugapatti	7	3	0	3	3	1
282	Veerapandi	7	3	0	3	3	1
283	Kottaiyur	6	2	2	1	1	1
284	Kandanur	3	1	1	1	1	1
285	Puduvayal	4	2	1	1	1	1
286	Kanadukathan	2	1	1	0	1	1
287	Singampunari	6	2	2	0	1	1
288	Thirupuvanam	9	4	2	2	2	1
289	Tirupathur	9	4	2	2	2	1
290	Ilayangudi	8	3	2	1	1	1
291	Nerkuppai	3	1	1	1	1	1
292	Cheranmahadevi	7	3	2	1	2	1
293	Eruvadi	7	3	2	1	2	1
294	Gopalamudram	4	2	1	1	1	1
295	Kallidaikuruchi	9	4	2	2	2	1
296	Manimuthar	4	2	1	1	1	1
297	Melaseval	3	1	1	0	1	1
298	Nanguneri	2	1	1	0	1	1
299	Panagudi	12	5	3	2	2	1
300	Pathamadai	6	3	2	1	1	1
301	Thisaiyanvilai	10	4	2	2	2	1
302	Vadakkuvalliyoor	12	5	3	2	3	1
303	Veeravanallur	7	3	2	1	1	1
304	Alangulam	9	4	2	2	3	1
305	Alwarkuruchi	4	2	1	1	1	1
306	Ayikudy	6	2	2	0	1	1
307	Courtallam	8	3	1	3	3	1
308	Keelapavoor	9	3	2	1	2	1
309	Melagaram	6	2	2	0	1	1
310	Panpoli	4	1	1	0	1	1
311	Pudur(S)	5	2	1	1	1	1
312	Rayagiri	4	2	1	1	1	1
313	Sambavadakarai	6	3	2	1	1	1
314	Sivagiri	8	3	2	2	2	1
315	Sunderapandiapuram	3	1	1	0	1	1
316	Thiruvankadam	3	1	1	1	1	1
317	Vasudevanallur	8	3	2	1	1	1
318	Alwarthirunagiri	3	1	1	0	1	1
319	Arumuganeri	10	4	1	3	3	1

## 2058

Sl. No	Name of the ULB	Total waste Generation (In MT)	Dry waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
320	Eral	3	1	1	0	1	1
321	Kadambur	2	1	1	0	1	1
322	Kanam	1	1	0	1	1	1
323	Kayathar	4	2	1	1	1	1
324	Nazerath	6	2	2	1	1	1
325	Perungulam	3	1	1	1	1	1
326	Sawyerpuram	4	2	1	1	1	1
327	Srivaikundam	6	3	2	1	1	1
328	Thenthiruperai	2	1	1	0	1	1
329	Udangudi	6	2	2	0	1	1
330	Agasteeswaram	4	1	1	0	1	1
331	Alagappapuram	4	1	1	0	1	1
332	Anjugramam	4	2	1	1	1	1
333	Aralvaimozhi	10	4	3	1	1	1
334	Arumanai	6	2	2	1	1	1
335	Boothapandy	6	2	2	1	1	1
336	Edaicode	12	5	3	2	2	1
337	Kadayal	7	3	2	1	1	1
338	Kaliyakkavilai	8	3	2	2	2	1
339	Kanniyakumari	10	4	3	1	1	1
340	Karungal	6	3	2	1	1	1
341	Kottaram	4	2	1	1	1	1
342	Kumarapuram	5	2	2	0	1	1
343	Manavalakurichy	5	2	1	1	1	1
344	Marungoor	4	2	1	1	1	1
345	Mulagumoodu	7	3	2	1	1	1
346	Mylaudy	4	2	1	1	1	1
347	Nalloor	7	3	2	1	1	1
348	Palapallam	7	3	2	1	1	1
349	Puthalam	7	3	2	1	2	1
350	Puthukadai	4	2	1	1	1	1
351	Reethapuram	12	5	2	3	3	1
352	Suchindrum	6	2	2	1	1	1
353	Thazhakudy	3	1	1	0	1	1
354	Theroor	3	1	1	1	1	1
355	Thingalnager	6	2	2	1	1	1
356	Thiruparappu	9	4	0	4	4	1
357	Thiruvithancode	7	3	2	1	1	1
358	Unamalaikadai	9	3	2	1	2	1
359	Valvachagostam	6	2	2	1	1	1
360	Verkilambi	7	3	1	2	2	1
361	Vilavoor	5	2	2	1	1	1
362	Villukuri	6	2	2	1	1	1
	<b>Total</b>	<b>4960</b>	<b>1828</b>	<b>669</b>	<b>1209</b>	<b>1115</b>	<b>384</b>

**Dry waste (Automated Material Recovery Facility) Approved by SHPC**

Sl. No	Name of the ULB	Total waste Generation (In MT)	Dry waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
1	Coimbatore	1150	400	100	300	300	1
2	Madurai	860	413	213	200	200	1
3	Tiruchirappalli	572	200	20	180	200	1
4	Tambaram	664	285	100	185	200	1
5	Tirunelveli	242	67	0	67	100	1
6	Erode	278	145	55	90	100	1
7	Tiruppur	675	236	25	211	200	1
	<b>Total</b>	<b>4441</b>	<b>1746</b>	<b>513</b>	<b>1233</b>	<b>1300</b>	<b>7</b>

**Dry waste Processing Facilities- Greater Chennai Corporation**

Sl. No	Name of the ULB	Total waste Generation (In MT)	Dry waste (In MT)	Processing facilities available (In MT)	Gap (In MT)	Approved Capacity (In MT)	No. of units
1	Greater Chennai Corporation	6,150	2,500	840	1,660	2,100	3*

\* Automated MRF 1000 TPD –Kodungaiyur & Perungudi is sanctioned and Detailed Feasibility Report is under preparation.

\* Waste to energy – 1100 TPD @ Kodungaiyur is sanctioned by MoHUA and Detailed Feasibility report is under preparation.

**Inert (Scientific Landfill) Approved by SHPC**

Detail	Total waste Generation (In MT)	Inert (In MT)	Disposed (In MT)	Gap (In MT)	Approved in SHPC (In MT)	No. of units
Scientific Landfill	15240	1525	1,018	507	1,200	5(Chennai, Coimbatore, Madurai, Trichy, Tambaram)

**Biomining of Legacy Waste**

The urban local bodies have been practicing open dumping of unsegregated waste as their final disposal for many years and the existing dumpsites are filled up with legacy waste and started overflowing. The legacy waste piled in heaps results in leachate formation (liquid generated by airless waste) which in turn pollutes the groundwater, degrades the environment.

In accordance with the provisions of the Solid Waste Management Rules 2016 the Government of Tamil Nadu has taken up Bio-mining of the legacy waste accumulated in the Urban Local Bodies in order to protect the environment and also to reclaim the dump yard land.

**It was estimated that about 207 lakh cubic metre of legacy waste has been accumulated covering 914 acres of land in the existing dumpsites of 258 urban local bodies.**

Bio-mining of old and abandoned dump sites have been taken up in 269 locations (19 Corporations, 95 Municipalities and 121 Town Panchayats) to remove the 207 lakh Cu.m of legacy waste through bioremediation process under Swachh Bharat Mission and Smart City Mission.

Bio-mining has been completed in 119 locations and cleared 52.64 lakhs cu.m of legacy waste so far and 574 acres of land has been reclaimed. During 2022-23, it was sanctioned to create Green belt in biomining completed ULBs which covers 369 acres of reclaimed land. Bio-mining in 178 ULBs are in various stages of progress.

In addition to above, 50.86 lakh cu.m of legacy waste has been cleared from 150 sites where the biomining work is in progress. Thus, a total of 103.5 lakh cu.m of legacy waste has been cleared.

Centre for Environmental studies, Guindy Campus, Anna University Chennai has been engaged as a Third Party inspection agency by all the ULBs for guiding the technical aspects of Bio-mining works.

## Details of Completed biomining sites in Tamil Nadu

S. No	Name of the ULB	Waste Quantity (Cu. m)	Quantity Remediated (Cu. m)	Area Reclaimed (Acre)
1	Gudiyatham (Ulli)	85,945	85,945	9.61
2	Gudiyatham (Erthangal)	25,975	25,975	5.17
3	Tindivanam.	45,085	45,085	6.78
4	Namakkal Site 1	91,317	91,317	5.50
5	Rasipuram	41,000	41,000	1.51
6	Karamadai	6,845	6,845	3.40
7	Theni allinagaram	98,488	98,488	10.00
8	Gudalur	59,110	59,110	3.00
9	Sivagangai	34,000	34,000	4.00
10	Adirampattinam	18,140	18,075	1.06
11	Musiri	17,755	17,755	4.15
12	Nagapattinam (Nagur)	23,213	23,213	6.00
13	Nagapattinam	20,735	20,735	5.00
14	Ambasamudram	20,500	20,500	5.00
15	Kuzhithurai	23,878	23,878	1.85
16	Rajapalayam	67,049	67,049	20.35
17	Sattur	76,625	76,625	8.34
18	Dindigul	200,000	200,000	12.23
19	Erode (Vairapalayam)	230,000	230,000	3.25
20	Erode (Vendipalayam)	330,000	330,000	14.00
21	Sivakasi	41,000	41,000	14.50
22	Sembakkam	31,393	31,393	4.50
23	Pammal	51,483	51,483	4.00
24	Pallavapuram	108,000	108,000	10.00
25	Tambaram	118,000	118,000	15.00
26	Anakaputhur	27,000	27,000	3.26
27	Chidambaram Site 1	52,000	52,000	4.00
28	Poonamallee	25,500	25,500	1.50
29	Viruthachalam	15,600	15,600	1.50
30	Tiruvallur	46,000	46,000	1.67
31	Arani	16,650	16,650	2.80
32	Ranipet	20,680	20,680	12.38
33	Jolarpet	13,000	13,000	1.30
34	Mettur	49,823	49,823	16.48
35	Idappadi	42,570	42,570	2.49
36	Tiruchengode	26,574	26,574	11.02
37	Dharmapuri	56,294	56,294	6.90
38	Karur	141,731	141,731	15.50
39	Pollachi	95,700	95,700	8.50
40	Udumalpet	33,700	33,700	6.00
41	Kangeyam	22,018	22,018	1.90
42	Gobichettipalayam	40,000	40,000	1.87
43	Bhavani	33,566	33,566	3.00
44	Mettupalayam	32,454	32,454	8.00
45	Sathya mangalam	21,796	21,796	6.75

## 2062

S. No	Name of the ULB	Waste Quantity (Cu. m)	Quantity Remediated (Cu. m)	Area Reclaimed (Acre)
46	Vellakoil	8,752	8,752	2.23
47	Bodinayakanur	22,480	22,480	3.00
48	Karaikudi	112,000	112,000	6.00
49	Kumbakonam	200,000	200,000	12.00
50	Perumbalur	48,384	48,384	5.75
51	Kovilpatti	23,406	23,406	3.79
52	Srivilliputhur	58,000	58,000	10.92
53	Arakkonam	54,000	54,000	10.53
54	Thirunindravur	5,600	5,600	1.50
55	Ulundurpettai	6,167	6,167	2.50
56	keelakarai	11,350	11,350	7.50
57	Pallipalayam	40,306	40,306	1.16
58	Villupuram	53,000	53,000	5.42
59	Tiruchendur	8,953	8,953	2.00
60	Mayiladuthurai	32,500	32,500	2.00
61	Avadi	64,174	64,174	4.00
62	Tiruchirappalli	758,560	758,560	21.00
63	Kadayanallur	30,050	30,050	6.00
64	Vickramasingapuram	25,000	25,000	6.84
65	Vaniyambadi	32,050	32,050	5.50
66	Thuraiyur	30,900	30,900	6.16
67	Cumbum (Angurpalayam)	21,246	21,246	2.50
68	Cumbum (kumili Road)	46,193	46,193	4.50
69	Mathuranthagam	38,600	38,600	3.10
70	Dharapuram	42,104	42,104	4.20
71	Periyakulam (E Pudukottai)	11,555	11,555	3.07
72	Periyakulam (Vaigai Dam road)	23,323	23,323	5.03
73	Walajapet	20,000	19,954	3.72
74	Krishnagiri	61,577	61,577	5.10
75	Cuddalore (Pachankuppam)	25,000	25,000	2.00
76	Cuddalore (Kammiyampettai)	77,000	77,000	6.00
77	Sankarankovil	63,000	62,880	6.84
78	Tirumangalam	30,000	30,000	4.00
79	Kulithalai	51,711	51,711	8.82
80	Maraimalai Nagar	33,200	33,200	5.50
81	Madukkur	6,506	6,506	1.23
82	Chinnalapatti (1)	5,964	5,964	0.83
83	Annur	9,893	9,893	3.46
84	Thiruvaiyaru	17,500	17,500	3.86
85	Denkanikottai	14,855	14,855	2.01
86	Kaveripattinam (1)	10,856	10,856	1.00
87	Velur	4,973	4,973	1.70
88	Perundurai (1)	14,000	14,000	4.48
89	Marakkanam	18,186	18,186	2.20
90	Velankkani (1)	26,082	26,082	2.76
91	Manachanallur	16,983	16,983	5.73
92	Thenkarai	6,549	6,549	0.57

## 2063

S. No	Name of the ULB	Waste Quantity (Cu. m)	Quantity Remediated (Cu. m)	Area Reclaimed (Acre)
93	Uthamapalayam (1)	6,877	6,877	0.40
94	Naravarikuppam (1)	5,208	5,208	0.65
95	Gingee	13,800	13,800	0.95
96	Harur	11,181	11,181	1.45
97	Periyanaickenpalayam	11,587	11,587	2.30
98	Swamimalai	11,251	11,251	0.90
99	Sulur	5,300	5,300	2.77
100	Perundurai (2)	19,790	19,790	3.28
101	Kanniyakumari	12,113	12,113	1.08
102	Karumandi Chellipalayam	16,088	16,088	3.50
103	Thirumazhisai	2,265	2,265	2.32
104	Polur	16,140	16,140	9.50
105	Chinnalapatti (2)	3,511	3,511	0.83
106	Kaliyakkavilai	1,535	1,535	0.13
107	Ammapettai	9,993	9,993	1.23
108	Palamedu	1,574	1,574	0.28
109	Alanganallur	3,186	3,186	0.96
110	Uthamapalayam (2)	8,500	8,500	1.00
111	Lakkampatti	7,925	7,925	1.96
112	Vasudevanallur	5,472	5,472	0.27
113	Thiruppananthai	5,649	5,649	0.24
114	Kuthalam	6,362	6,362	0.45
115	Arumuganeri	18,000	18,000	1.04
116	Jalakandapuram	6,036	6,036	4.10
117	Thammampatty	5,918	5,918	1.82
118	Anaimalai (1)	7,116	7,115	1.00
119	Chennai (Pallikaranai)	40,853	40,853	15.00
	<b>Total</b>		<b>52.64</b>	<b>574</b>

Biomining Snap Shots

Sembakkam- Before& After



Poonamallee - Before & After



Tenkarai TP – Before & After



**Vellakoil Municipality Before & After**



**Bodinayakanur Municipality Before & After**



***Bhavani Municipality Before & After***



*Erode corporations Before & After*



**Chennai – Pallikaranai Before & After**



**Chennai – Perungudi - During biomining**



## Details of On-going biomining sites in Tamil Nadu

S. No	Department	Name of the ULB	Dumpsite Area (Acre)	Waste Quantity (Cu.m)	Quantity Remediated (Cu.m)	Percentage of Completion
1	DMA	Nellikuppam	2.6	11450	3400	30
2	DMA	Chengalpattu	6.5	122110	78381	64
3	DMA	Ambur(Tharavazhi)	8.77	83469	78958	95
4	DMA	Ambur(Bethalegam)	3.17	31252	19120	61
5	DMA	Arcot	1.79	39100	19649	50
6	DMA	Thirupathur	8.56	144729	131962	91
7	DMA	Thiruvannamalai	6.8	55479	19451	35
8	DMA	Kallakurichi	4.11	26621	24895	94
9	DMA	Namakkal Site 2	4	102319	67034	66
10	DMA	Attur	10.47	43830	42440	97
11	DMA	Pallapatti	3.86	27897	19567	70
12	DMA	Ooty	8	131240	69675	53
13	DMA	Melur	5	41800	34420	82
14	DMA	Usilampatti	2	31231	30731	98
15	DMA	Paramakudi	11	85858	63588	74
16	DMA	Palani	24.32	90000	43022	48
17	DMA	Pattukottai	5.97	45563	20600	45
18	DMA	Tiruvarur	6.14	37605	37415	99
19	DMA	Mannargudi	6.8	40783	32100	79
20	DMA	Pudukottai	13.13	60000	21000	35
21	DMA	Aranthangi	4	45105	25000	55
22	DMA	Tenkasi Site 1	3.03	27960	25701	92
23	DMA	Tenkasi Site 2	8.24	28449	16820	59
24	DMA	Hosur	7.75	102000	99879	98
25	DMA	Nagercoil	14.8	153000	5500	4
26	DMA	Vellore	8.32	200,000	69850	35
27	DMA	Thanjavur	20.23	230,000	225000	98
28	DMA	Coimbatore	60	950,000	771126	81
29	DMA	Thoothukudi	49.64	227,000	146000	64
30	DMA	Tirunelveli	53.64	217,660	24000	11
31	DMA	Kancheepuram	40	106237	86210	81
32	DMA	Sivakasi (Thiruthangal Site)	8	45750	10079	22
33	DMA	Tambaram Vengadamangalam	50	122200	79000	65
34	DMA	Chidambaram Site 2	2	29790	4100	14
35	DMA	Sirkali	4.5	20288	6857	34
36	DMA	Thiruthuraiipoondi	1.28	15201	5120	34
37	DMA	Manaparai	1	14571	4827	33
38	DMA	Chinnamanur	2.4	15762	11171	71
39	DMA	Devakottai	4.58	34700	200	1
40	DMA	Puliangudi	5.06	29197	3600	12
41	DMA	Virudhunager	16.2	19230	3825	20

## 2068

S. No	Department	Name of the ULB	Dumps ite Area (Acre)	Waste Quantity (Cu.m)	Quantity Remediated (Cu.m)	Percentage of Completion
42	DMA	Dhramangalam	5.33	13840	12813	93
43	DMA	Gudalur	4	6000	0	0
44	DMA	Ariyalur	2.16	16055	10048	63
45	DMA	Kayalpattinam	2.16	22436	6500	29
46	DMA	Padmanabhapuram	5.11	33846	12300	36
47	DMA	Madurai Corporation	42.92	482934	0	0
48	DMA	Panruti	1.6	14426	0	0
49	DMA	Mangadu	2	8452	800	9
50	DMA	Ponneri	0.5	26432	0	0
51	DMA	Thirukovilur	2.76	15000	0	0
52	DMA	Vandavasi	1.62	8238	0	0
53	DMA	Sholingur	5.5	17498	0	0
54	DMA	Punchaipulianpatti	2.9	21824	0	0
55	DMA	Lalgudi	1.39	13495	3014	22
56	DMA	Sengottai	3.09	24000	1690	7
57	DMA	Jeyamkondan	2.25	9280	0	0
	DMA	Dindugul (Additional Qty)	6.00	110965	0	0
	DMA	Hosur (Additional Qty)	0.46	7420	0	0
	DMA	Cuddalore (Additional Qty)	2.00	11673	0	0
	DMA	Viruthachalam (Additional Qty)	2.00	4332	0	0
	DMA	Ulunthurpet (Additional Qty)	2.00	6400	0	0
	DMA	Ranipet (Additional Qty)	12.50	18480	0	0
	DMA	Arani (Additional Qty)	1.82	9481	0	0
	DMA	Thiruchengode (Additional Qty)	2.50	35381	0	0
	DMA	Krishngiri (Additional Qty)	1.50	4206	0	0
	DMA	Pallipalayam (Additional Qty)	0.70	13918	2000	14
	DMA	Cumbum (Additional Qty)	1.50	11553	5195	45
	DMA	Theni Allinaagaram (Additional Qty)	2.00	9384	982	10
	DMA	Mayiadhuthurai (Additional Qty)	2	31127	2080	7
	DMA	Mannargudi (Additional Qty)	1.75	27818	0	0
	DMA	Sathyamangalam (Additional Qty)	3.55	8200	0	0
	DMA	Sankarankoil (Additional Qty)	2.6	39771	3100	8
	DMA	karur (Additional Qty)	5	119290	0	0
	DMA	Mettupalayam (Additional Qty)	10	18250	0	0
	DMA	Gopichettyalayam (Additional Qty)	2	19461	4800	25
	DMA	Periyakulam (Additional Qty)	6	22957	4920	21
	DMA	Thirumangalam	1.5	12284	4135	34

## 2069

S. No	Department	Name of the ULB	Dumps ite Area (Acre)	Waste Quantity (Cu.m)	Quantity Remediated (Cu.m)	Percentage of Completion
		(Additional Qty)				
	DMA	Kancheepuram (Additional Qty)	40	29358	0	0
	DMA	Pollachi (Additional Qty)	3	38718	364	1
	DMA	Villupuram (Additional Qty)	2.5	15572	0	0
	DMA	Attur (Additional Qty)	4.2	14984	0	0
	DMA	Dharmapuri (Additional Qty)	5	44045	1500	3
58	DTP	Suleswaranpatti	1.00	4944	4696	95
59	DTP	Chengam	1.47	5175	4600	89
60	DTP	Kunathur	2.00	8168	7050	86
61	DTP	Anthiyur	0.70	14810	12500	84
62	DTP	Madathukulam	0.64	7828	6500	83
63	DTP	Anaimalai (2)	1.00	7686	6150	80
64	DTP	Kanjikovil	1.71	5089	3650	72
65	DTP	Ayyampettai	0.76	9970	6995	70
66	DTP	Thirukattupalli	1.74	13585	9326	69
67	DTP	Avinasi	2.62	7583	5150	68
68	DTP	Orathanadu	0.61	6240	4710	75
69	DTP	Podhaturpet	1.24	9595	6000	63
70	DTP	Suleswaranpatti (1)	1.14	10883	6460	59
71	DTP	Chithode	1.08	5080	2749	54
72	DTP	P.Velur	1.42	10474	5550	53
73	DTP	Ilayangudi	1.47	5534	2600	47
74	DTP	Thisayanvilai	0.92	35966	15109	42
75	DTP	Mallasamudram	0.32	5737	2200	38
76	DTP	Namagiripettai	5.95	9356	3100	33
77	DTP	Vazhapadi	4.52	6134	1900	31
78	DTP	Puliyur	0.98	8716	2476	28
79	DTP	Kattuputhur	1.21	5590	1550	28
80	DTP	Alangulam	1.67	16874	3924	23
81	DTP	Velankanni (2)	0.67	7156	1650	23
82	DTP	Thirupuvanam (Tnj)	3.50	5530	1200	22
83	DTP	Thirupporur	2.53	8022	1450	18
84	DTP	Aduthurai	1.81	5788	800	14
85	DTP	Uthukottai	1.13	5775	600	10
86	DTP	Chinnasalem	1.04	4520	1200	27
87	DTP	Kaliyakkavilai	0.13	2007	175	9
88	DTP	Muthupettai	0.96	6505	300	5
89	DTP	Melagaram	0.99	4221	0	0
90	DTP	Uppiliapuram	0.15	1763	0	0
91	DTP	Alangudi	0.48	9142	0	0
92	DTP	Keeramanagalam	3.46	1940	0	0
93	DTP	Annasaval	0.11	1580	0	0
94	DTP	Palani Chettipatti (A)	-	17566	0	0
95	DTP	Eruvadi	0.96	8901	0	0

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S. No	Department	Name of the ULB	Dumps ite Area (Acre)	Waste Quantity (Cu.m)	Quantity Remediated (Cu.m)	Percentage of Completion
96	DTP	Moolaikaraipatti	0.34	2217	0	0
97	DTP	Vadakkuvalliyoor	3.22	10160	0	0
98	DTP	Sivagiri	0.10	1262	0	0
99	DTP	Kaveripakkam	1.00	2700	0	0
100	DTP	Alanganallur (A)	0.10	1029	0	0
101	DTP	Palamedu (A)	0.31	2043	0	0
102	DTP	Sholavandan	1.50	10393	0	0
103	DTP	Vadipatti	1.46	2507	0	0
104	DTP	Watrap	0.44	4667	0	0
105	DTP	Thammampatti	1.82	5782	0	0
106	DTP	Omalur	1.00	4600	0	0
107	DTP	Batlagundu (1)	2.45	15452	0	0
108	DTP	Omalur	1.00	3489	0	0
109	DTP	Andipatti	2.76	15337	0	0
110	DTP	Kutchanur	0.40	3028	0	0
111	DTP	Sarkarsamakulam	0.59	8365	0	0
112	DTP	Palacode	1.00	18135	0	0
113	DTP	Pennagaram	0.92	3622	0	0
114	DTP	Uthangarai	2.98	10950	0	0
115	DTP	Attayampatty	1.50	27665	0	0
116	DTP	Jalagandapuram	4.10	9500	0	0
117	DTP	Mallur	1.97	5747	0	0
118	DTP	Nangavalli	1.50	4507	0	0
119	DTP	Naravarikuppam (2)	1.88	10788	0	0
120	DTP	Kadathur	1.25	5050	0	0
121	DTP	Marandahalli	0.94	9740	0	0
122	DTP	Kaveripattinam (2)	1.52	5188	0	0
123	DTP	Kolathur	3.92	12013	0	0
124	DTP	Mecheri	1.50	9627	0	0
125	DTP	Palani Chettipatti	1.72	17566	0	0
126	DTP	Thirupuvanam (Svg)	2.86	3765	0	0
127	DTP	Tirukalukundram	2.83	14313	0	0
128	DTP	Thiyagadurgam	1.11	4720	0	0
129	DTP	Batlagundu (2)	1.05	8000	0	0
130	DTP	Natham	0.57	12400	0	0
131	DTP	Vedasandur	1.31	13212	0	0
132	DTP	Arani	1.50	4349	0	0
133	DTP	Pallipet	1.90	8430	0	0
134	DTP	Vennandhur	1.65	5876	0	0
135	DTP	Pillanallur	0.59	5291	0	0
136	DTP	Kurinjipadi	0.40	8298	0	0
137	DTP	Uthiramerur	1.50	5574	0	0
138	DTP	Achirapakkam	0.56	3483	0	0
139	DTP	Sriperumbudur	0.50	5467	0	0
140	DTP	PN Patti	0.25	3260	0	0
141	DTP	Konganapuram	1.46	9349	0	0

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S. No	Department	Name of the ULB	Dumps ite Area (Acre)	Waste Quantity (Cu.m)	Quantity Remediated (Cu.m)	Percentage of Completion
142	DTP	Veerakkalpudur	0.15	6096	0	0
143	DTP	Pothanur	0.42	9568	0	0
144	DTP	Kallidaikurichi	0.50	16306	0	0
145	DTP	Kattumannarkoil	1.15	4472	0	0
146	DTP	Kottur	1.00	10398	0	0
147	GCC	Chennai(Kodungaiyur dumpsite)	269	7391672	0	0
148	GCC	Chennai(Perungudi dumpsite)	225	3433002	2193664	64
149	GCC	Chennai(Athipattu)	12.00	107811	104270	97
150	GCC	Chennai(Sathankadu)	18.78	125635	98712	79
		<b>Total</b>	<b>870.33</b>	<b>17080529</b>	<b>5086480</b>	<b>30</b>

**Chennai Metropolitan Water Supply and Sewerage Board****Sewage Generation and Treatment:**

The operational area of Chennai city is 426 Sq.km and the estimated Sewage Generation at present is 743 Million litres per day (MLD). The collected sewage is treated at the existing 22 Sewage Treatment Plants with a total installed capacity of 1082.80 MLD. The present average capacity utilization is 635 MLD Avg (60% of the present 1082.80MLD Capacity), an increase of 10% from the utilization in 2019 at 532 MLD Avg (50%).

**STP Capacity addition:**

The core area of the Chennai city is fully covered by UGSS and the newly added areas are also being progressively covered. In 8 added areas, UGSS works have been sanctioned for a cost of Rs. 1032.44 Cr and the works are in various stages for completion. The providing of UGSS for the balance seventeen newly added areas of GCC has also been taken up and are in various stages of progress. The Government of Tamil Nadu has issued sanction orders for 6 added areas after July 2022 at a total cost of Rs.901.50 Cr and work is under progress. Further, for undertaking the balance UGSS for 8 areas has been sanctioned by the State High Power Steering Committee on 08.11.2022 for a total amount of Rs. 1340.76 cr under AMRUT 2.0

Based on the requirements for the treatment of the sewage to be collected from the ongoing underground sewerage schemes and future growth in generation, construction of additional Sewage Treatment plants for a total capacity of 471.80 MLD has been taken up. An additional seven numbers of treatment plants with a total capacity of 167.80 MLD at a total cost of Rs.280.10 Cr has been completed after June 2022 and upto October 2022. This includes four decentralized modular treatment plants to treat the sewage outfalls through drains into the rivers. Further, an additional two sewage treatment plant with a capacity of 170MLD at a cost of Rs. 298.60 Cr has been completed and commenced by May 2023. The ongoing balance four numbers of treatment plants providing additional capacity of 134 MLD at a total cost of 237.59 Cr is expected to be completed by August 2023. Hence, after completion of these projects the total capacity of sewerage treatment plants will get enhanced to 1216.80 MLD from 745 MLD.

**Details of completed STPs and Capacity added after July 2022**

Sl.No.	Location	Capacity of the plant in MLD	Progress adopted	Physical Progress in %	Fund Sanctioned In Rs. Crore	Sanction Order and funding pattern
1	Thiruvottriyur STP	31	ASP	Completed	19.49	G.O.(Ms) No. 12, MAWS(WS2), Dated 28.01.2013
2	Kodungaiyur STP Zone - II	120	SBR	Completed	212.86	G.O.(Ms) No. 103, Dated 16.09.2020 AMRUT – Rs.90.36 Cr., TNIPP Phase II – Rs.43.35 cr., CMCDM2019-20 – Rs.29.09 cr., CMCDM 2020-21 Rs.13.12 cr., CMWSSB Share – Rs.36.94 cr
3	Nesapakkam TTUF	10	SBR +TTUF	Completed	27.35	G.O.(Ms) No. 106, Dated 29.09.2020 Smart City – 53.10 Cr
4	CRRT - Chetpet MSTP	1.0	MBBR	Completed	3.29	GO.Ms.No.9 dated 13.01.2015, CRRT/42nd Board/ICRERP/CMWS SB/2021-01, dated 16.08.2021 CRRT – 3.29 Cr
5	CRRT- Nungambakkam MSTP	1.2	MBBR	Completed	3.32	GO.Ms.No.9 dated 13.01.2015, CRRT/42nd Board/ICRERP/CMWS SB/2021-01, dated 16.08.2021 CRRT – 3.32 Cr
6	CRRT - Todd Hunter Nagar MSTP	0.4*10=4	MBBR	Completed	15.84	GO.Ms.No.72 dated 12.07.2017 CRRT – 15.84 Cr
7	CRRT - Kotturpuram MSTP	0.3*2=0.6	MBBR	Completed	2.12	GO.Ms.No.72 dated 12.07.2017 CRRT – 2.15 Cr
<b>Total Capacity Added</b>		<b>167.80</b>			<b>284.27</b>	

**Details of completed STPs and Capacity added in May 2023**

Sl.No.	Location	Capacity of the plant in MLD	Progress adopted	Physical Progress in %	Fund Sanctioned In Rs. Crore	Sanction Order and funding pattern
1	Kodungaiyur STP Zone – I	120	SBR	Completed	211.66	G.O.(Ms) No. 103, Dated 16.09.2020 AMRUT – Rs.89.87 Cr., TNIPP Phase II – Rs.43.35 cr., CMCDM 2019-20 – Rs.28.93 cr., CMCDM 2020-21 Rs.13.04 cr., CMWSSB Share – Rs.36.47 cr
2	Nesapakkam STP Zone – IV	50	SBR	Completed	86.94	G.O.(Ms) No. 103, Dated 16.09.2020 AMRUT – Rs.37.68 Cr., TNIPP Phase II – Rs.15.30 cr., CMCDM2019-20 – Rs.11.88 cr., CMCDM 2020-21 Rs.5.36 cr., CMWSSB Share – Rs.16.72 cr
<b>Total Capacity Added in May 2023</b>		<b>170</b>			<b>298.60</b>	

**Details of additional capacity of STP - Under Construction**

Sl.No.	Location	Capacity of the plant in MLD	Progress adopted	Physical Progress in %	Completion Timeline	Fund Sanctioned In Rs. Crore	Sanction Order and funding pattern
1	Sholingalur STP (PHASE II)	54	SBR	94.15	August 2023 (36+18) 18MLD trial run in progress	72.54	G.O.(2D) No. 64, Dated 27.09.2017 TNIPP – Rs.60.20 crore, CMWSSB – Rs.12.34 crore
2	Perungudi STP Zone –	60	SBR	77	August 2023	105.86	G.O.(Ms) No. 103, Dated 16.09.2020 AMRUT – Rs.45.45 Cr., TNIPP Phase II – Rs.17.35 cr.,

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	V						CMCDM2019-20 – Rs.14.47 cr., CMCDM 2020-21 - Rs.6.52 cr., CMWSSB Share – Rs.22.07 cr
3	Perungudi TTUF	10	SBR +TTUF	84.50	August 2023	25.75	G.O.(Ms) No. 106, Dated 29.09.2020 Smart City – 53.10Cr
4	CRRT- Langs Garden MSTP	10	MBBR +TTUF	75.15	August 2023	33.44	GO.Ms.No.9 dated 13.01.2015, CRRT/42nd Board/ICRERP/C M WSSB/2021-01, dated 16.08.2021 CRRT – 33.44 Cr
	<b>Total</b>	<b>134</b>				<b>237.59</b>	

**Utilization of treated sewage:**

CMWSSB is supplying on an average 25 MLD of secondary treated wastewater to industries. The secondary treated wastewater is also supplied to GCC & TNRDC for landscaping and gardening purposes. The two 45 MLD Capacity each Tertiary Treatment Reverse Osmosis (TTRO) Plants at Kodungaiyur and Koyambedu supply product water to various industries in Manali and industries at Sriperumbudur, Irungattukottai and Oragadam were constructed at a cost of Rs.235 crore and Rs.396 Crore respectively.

- ✓ Name of the Industries TTRO water supplied from Kodungaiyur - Chennai Petroleum Corporation Ltd, Manali Fertilizers Ltd, Manali Petrochemicals Ltd, Tamil nadu Petroproducts Ltd - LAB & HCD plant (Plant 1 & 2), CETEX, Indian additives Ltd, Kothari Petrochemicals Ltd, North Chennai Thermal Power Station - Stage I & II, National Thermal Power Corporation JV Tamil Nadu Energy Company Ltd.
- ✓ Name of the Industries TTRO water supplied from Koyambedu - SIPCOT – Irunkattukottai, SIPCOT – Sriperumbudur, SIPCOT – Oragadam, SIPCOT – Pillaipakkam, SIPCOT - Vallam Vadagal

CMWSSB in continuing its efforts to augment supply of water through sustainable sources and also reuse the waste water for pollution abatement has made a detailed study with IIT Chennai and is working on the projects for use of tertiary treated water for recharging of lakes and to draw the water for supply through a water treatment plant near to the lake and the water distribution station. This aims at sustainable, decentralized source augmentation, ground water enhancement and pollution abatement.

- ✓ GoTN sanctioned two proposals of each 10 mld capacity for recycle, recharge and reuse of tertiary treated water from Nesapakkam STP at cost of Rs. 28.75 Cr to Porur lake and Water Treatment Plant and from Perungudi STP to Perungudi lake at a cost of Rs. 24.35 Cr. The work was awarded on 07.03.2019 for Nesapakkam TTUF and for Perungudi TTUF.
- ✓ Nesapakkam 10 MLD TTUF – The treated water is supplied to Porur Lake for Recharging of urbanized lake and indirect reuse with a new water treatment plant near the lake – Work completed and the Plant is Commissioned now.
- ✓ Perungudi 10 MLD TTUF – The treated water is to be supplied to Perungudi Lake for Recharging of urbanized lakes and indirect reuse with a new water treatment plant near the lake – Work is in progress.

- ✓ Langs Garden 10 MLD TTUF – The 10MLD capacity Modular Sewage Treatment Plant based on Moving Bed BioFilm Reactor Technology followed by Ultra Filtration at Langs Garden sewage pumping station is constructed with a project cost of Rs. 33.44 Crore under integrated Cooum River Eco restoration project. The Plant Construction works are under progress and the treated water is to be supplied to Railways and Greater Chennai Corporation

## **Revenue through recycle**

- ✓ The product water from the TTRO plants is supplied to various Petro chemical industries and other industries in Manali, North Chennai and industries at the State Industries Promotion corporation of Tamil Nadu (SIPCOT) industrial parks in Sriperumbudur, Irungattukottai and Oragadam. The 46 MLD product water is supplied to the industries at the rate of Rs.80.00/KL in Manali and at Rs.65/KL to SIPCOT, which redistributes the water the industries in its industrial parks.
- ✓ The sale of the treated water has generated an income of Rs. 206.09 Cr for CMWSSB since 2020 and currently with the supply of TTRO water, CMWSSB earns an increased revenue of Rs.8.94 Cr per month. The sale secondary treated water to industries also yields a revenue Rs.1.80 Cr per month to CMWSSB in Chennai.

The Utilization of treated sewage at present (2023) is 13.00% and has been more than doubled than that in 2019 which was around 6%. The total quantity of 71 ML treated and reused is with i) Supply of secondary treated water – 25.00 ML, ii) Supply of Tertiary treated water – 46.00 ML and iii) Tertiary Treated water for recharging of lakes and reuse - 8.00 ML.

**Directorate of Municipal Administration****Sewage generation and treatments:**

There are 20 corporations (excluding Greater Chennai Corporation) and 138 Municipalities in Tamil Nadu and the estimated sewage generation at present is 1698.73 MLD. The collected sewage is treated at the existing Sewage Treatment Plants with a total installed capacity of 994.31 MLD and an additional capacity of 234.93 MLD is made operational. (Annexure 8)

**STP/FSTP capacity addition:**

In order to fill the treatment gap of 469.49 MLD, STPs at 7 locations are under construction and STPs at 15 locations are proposed for a total capacity of 547.55 MLD. FSTPs at 22 locations are under construction and new FSTPs at 24 locations are proposed for a total capacity of 0.95 MLD. Therefore, the gap in treatment capacity will overcome through the construction of new STPs and FSTPs as mentioned above.

**Utilization of treated sewage:**

State government has come out with a policy on reuse of treated wastewater during December 2019. At present, ULBs falling in DMA are reusing 404.85 MLD of treated used water in irrigation, horticulture, industrial purposes and other purposes.

**Directorate of Town Panchayat****Sewage generation and treatments:**

There are 490 Town Panchayats in Tamil Nadu and the estimated sewage generation at present is 429.29 MLD. The collected sewage is treated at the existing 12 Sewage Treatment Plants, 10 faecal sludge treatment plants and onsite treatment facility with a total installed capacity of 42.36 MLD

**STP Capacity addition:**

In order to increase the treatment capacity, STP cum FSTPs at 468 locations with a capacity of 876.4 MLD is approved under 5<sup>th</sup> SHPC of SBM 2.0 and polluted river stretches with a capacity of 12.9 MLD is under construction.

**Utilization of treated sewage:**

State government has come out with a policy on reuse of treated wastewater during December 2019. The policy envisages establishment of waste water grids to promote the use of treated water for industrial, agriculture or non-drinking purpose domestic use. Out of 42.36 MLD of treated sewage, 6.82 MLD is used for Agriculture and Horticulture purpose.

## Directorate of Municipal Administration (DMA)

Table1 STP (Completed after July 2022)

S.No	Location	Capacity of the plant in MLD	Source of fund	Technology
1	Coimbatore–Nanjudapuram	40.00	Jnnurm	SBR
2	Coimbatore– Kuruchi& kuniyamuthur	30.53	AMRUT 2.0/ADB	SBR
3	Karaikudi	16.00	Kfw	ASP
4	Nagercoil	17.66	UIDSSMT	EASP
5	Rajapalayam	21.85	AMRUT 2.0/ADB	ASP
6	Tiruppur(Expansion of existing)	15.00	AMRUT 2.0/ADB	EASP
7	Tiruppur (Sarkarperiyapalayam)	36.00	AMRUT 2.0/ADB	SBR
8	Tiruppur(Chinnandipalayam)	20.00	AMRUT 2.0/ADB	SBR
9	Trichirapalli-STP2	37.00	AMRUT 2.0/ADB	SBR
10	Satur	4.65	UIDSS MT/IUDM	SBR
	<b>Total</b>	<b>234.04</b>		

Table 2 FSTP (Completed after July 2022)

S.No	Location	Capacity of the plant in MLD	Cost in Lakhs	Source of fund
1	Kangeyam	0.020	200.00	IUDM
2	Kovilpatti	0.040	394.89	
3	Tirumangalam	0.040	430.00	
4	Dharapuram	0.030	297.50	
5	Sengottai	0.020	260.00	
6	Thuraiyur	0.020	320.00	
7	Edappadi	0.030	400.00	
8	Vickramasingapuram	0.030	300.00	
9	Kadayanallur	0.040	400.00	
10	Pattukottai	0.030	360.00	
11	Tiruchengode	0.040	441.00	
12	Melur	0.020	217.00	
13	Ambasamudiram	0.030	315.00	

S.No	Location	Capacity of the plant in MLD	Cost in Lakhs	Source of fund
14	Mannargudi	0.030	310.00	
15	Aruppukottai	0.040	400.00	
16	Sankarankoil	0.030	316.80	
17	Tenkasi	0.040	415.00	
18	Srivilliputhur	0.030	300.00	
19	Gudiyattam	0.030	320.00	
20	Vandavasi	0.020	250.00	
21	Paramakudi	0.040	565.00	
22	Cumbum	0.040	410.00	
23	Koothanallur	0.020	285.00	
24	Thiruthuraiipoondi	0.010	185.00	
	<b>Total</b>	<b>0.720</b>	<b>8092.19</b>	

Table 3 FSTP (Completed after October 2022)

S.No	Location	Capacity of the plant in MLD	Cost in Lakhs	Source of fund
1	Kulithalai	0.020	285.00	IUDM
2	Coonoor	0.010	350.00	
3	Virudhachalam	0.040	425.00	
4	Jayamkondan	0.020	380.00	
5	Attur	0.040	441.00	
6	Chengalpattu	0.020	380.00	
	<b>Total</b>	<b>0.17</b>	<b>2561.00</b>	

## Commissionerate of Town Panchayat

Table 4 STP (Completed after July 2022)

S.No	Location	Capacity of the plant in MLD	Cost in Cr	Source of fund
1	Sriperumbudur TP	8.50	77.11	UIDSMT
2	Thiruporur TP	4.02	42.00	IUDM
	<b>Total</b>	<b>12.52</b>	<b>119.11</b>	

Table 5 FSTP (Completed after Oct 2022)

S.No	Location	Capacity of the plant in MLD	Cost in Cr	Source of fund
1	Jalakandapuram	0.015	2.96	IUDM
2	Pennagaram	0.015	2.66	IUDM
3	Kaveripattinam	0.015	2.44	IUDM
4	Kurumbalur	0.010	2.77	IUDM
5	Pennadam	0.010	2.58	IUDM
	<b>Total</b>	<b>0.065</b>	<b>13.41</b>	

## Directorate of Rural Development (DRD)

Table 6 Summary of treatment units (Completed after Oct 2022)

S. No	Infrastructure	No. of Available infrastructure	Capacity in MLD
1	Individual Soak Pits	2,10,000	31.50
2	Vertical Filters	2060	10.30
3	Community Soak Pits	30,000	12.00
4	Horizontal filter	1325	7.95
5	Any other GWM system	14	1.35
<b>TOTAL</b>			<b>63.1</b>

## GWM Capacity addition in Village Panchayats of Tamil Nadu

## 1. Individual Soak Pits (ISP)

S. No	Location	ISP (nos)	Capacity in (MLD)
1	Ariyalur	3312	0.50
2	Chengalpet	5951	0.89
3	Coimbatore	3839	0.58
4	Cuddalore	11382	1.71
5	Dharmapuri	4152	0.62
6	Dindigul	5053	0.76
7	Erode	3695	0.55
8	Kallakurichi	6850	1.03
9	Kancheepuram	4513	0.68
10	Kannyakumari	1511	0.23
11	Karur	2562	0.38
12	Krishnagiri	5501	0.83
13	Madurai	6984	1.05
14	Mayiladuthurai	3163	0.47
15	Nagapattinam	3972	0.60
16	Namakkal	5354	0.80
17	Perambalur	1980	0.30
18	Pudukottai	8264	1.24
19	Ramnad	7122	1.07
20	Ranipet	4751	0.71
21	Salem	6396	0.96
22	Sivagangai	9702	1.46
23	Tenkasi	3644	0.55
24	Thanjavur	9822	1.47
25	The Nilgiris	522	0.08
26	Theni	2111	0.32
27	Thoothukudi	3433	0.51
28	Tiruchirappalli	6704	1.01

S. No	Location	ISP (nos)	Capacity in (MLD)
29	Tirunelveli	6704	1.01
30	Tirupattur	3374	0.51
31	Tiruppur	4392	0.66
32	Tiruvallur	8770	1.32
33	Tiruvannamalai	14352	2.15
34	Tiruvarur	7151	1.07
35	Vellore	4092	0.61
36	Villupuram	11470	1.72
37	Virudhunagar	7450	1.12
<b>TOTAL</b>		<b>2,10,000</b>	<b>31.50</b>

## 2. Community Soak Pits (CSP)

S. No	Location	CSP (nos)	Capacity in (MLD)
1	Ariyalur	473	0.19
2	Chengalpet	853	0.34
3	Coimbatore	535	0.21
4	Cuddalore	1622	0.65
5	Dharmapuri	593	0.24
6	Dindigul	725	0.29
7	Erode	533	0.21
8	Kallakurichi	978	0.39
9	Kancheepuram	649	0.26
10	Kannyakumari	221	0.09
11	Karur	367	0.15
12	Krishnagiri	791	0.32
13	Madurai	1000	0.40
14	Mayiladuthurai	457	0.18
15	Nagapattinam	571	0.23
16	Namakkal	762	0.30
17	Perambalur	283	0.11
18	Pudukottai	1182	0.47
19	Ramnad	1021	0.41
20	Ranipet	679	0.27
21	Salem	913	0.37
22	Sivagangai	1385	0.55
23	Tenkasi	518	0.21
24	Thanjavur	1402	0.56
25	The Nilgiris	76	0.03
26	Theni	302	0.12
27	Thoothukudi	488	0.20
28	Tiruchirappalli	956	0.38
29	Tirunelveli	958	0.38
30	Tirupattur	480	0.19
31	Tiruppur	623	0.25
32	Tiruvallur	1252	0.50
33	Tiruvannamalai	2047	0.82
34	Tiruvarur	1018	0.41
35	Vellore	583	0.23

S. No	Location	CSP (nos)	Capacity in (MLD)
36	Villupuram	1633	0.65
37	Virudhunagar	1070	0.43
<b>TOTAL</b>		<b>30,000</b>	<b>12.00</b>

### 3. Vertical Filter Type (VF)

S. No	Location	VF (nos)	Capacity in (MLD)
1	Ariyalur	42	0.21
2	Chengalpet	25	0.12
3	Coimbatore	71	0.35
4	Cuddalore	39	0.19
5	Dharmapuri	27	0.14
6	Dindigul	99	0.49
7	Erode	46	0.23
8	Kallakurichi	131	0.66
9	Kancheepuram	27	0.14
10	Kanyakumari	8	0.04
11	Karur	51	0.25
12	Krishnagiri	32	0.16
13	Madurai	162	0.81
14	Mayiladuthurai	10	0.05
15	Nagapattinam	10	0.05
16	Namakkal	78	0.39
17	Perambalur	7	0.03
18	Pudukottai	68	0.34
19	Ramnad	119	0.59
20	Ranipet	18	0.09
21	Salem	169	0.85
22	Sivagangai	43	0.21
23	Tenkasi	31	0.16
24	Thanjavur	58	0.29
25	The Nilgiris	61	0.31
26	Theni	23	0.12
27	Thoothukudi	58	0.29
28	Tiruchirappalli	35	0.17
29	Tirunelveli	23	0.12
30	Tirupattur	12	0.06
31	Tiruppur	78	0.39
32	Tiruvallur	72	0.36
33	Tiruvannamalai	91	0.46
34	Tiruvarur	52	0.26
35	Vellore	29	0.15
36	Villupuram	110	0.55
37	Virudhunagar	46	0.23
<b>TOTAL</b>		<b>2,060</b>	<b>10.30</b>

## 4. Horizontal Filter Type

S. No	Location	HF (nos)	Capacity in (MLD)
1	Ariyalur	63	0.38
2	Chengalpet	7	0.04
3	Coimbatore	69	0.42
4	Cuddalore	58	0.35
5	Dharmapuri	2	0.01
6	Dindigul	53	0.32
7	Erode	46	0.28
8	Kallakurichi	51	0.30
9	Kancheepuram	24	0.14
10	Kannyakumari	21	0.13
11	Karur	20	0.12
12	Krishnagiri	16	0.09
13	Madurai	21	0.13
14	Mayiladuthurai	21	0.13
15	Nagapattinam	1	0.01
16	Namakkal	9	0.06
17	Perambalur	86	0.51
18	Pudukottai	31	0.19
19	Ramnad	140	0.84
20	Ranipet	21	0.13
21	Salem	65	0.39
22	Sivagangai	5	0.03
23	Tenkasi	28	0.17
24	Thanjavur	19	0.11
25	The Nilgiris	101	0.61
26	Theni	22	0.13
27	Thoothukudi	24	0.14
28	Tiruchirappalli	42	0.25
29	Tirunelveli	17	0.10
30	Tirupattur	4	0.02
31	Tiruppur	21	0.12
32	Tiruvallur	11	0.06
33	Tiruvannamalai	83	0.50
34	Tiruvarur	5	0.03
35	Vellore	40	0.24
36	Villupuram	26	0.16
37	Virudhunagar	56	0.33
<b>TOTAL</b>		<b>1,325</b>	<b>7.95</b>

## 5. Other GWM systems (Phytorid, Waste Stabilization Pond, Root Zone Treatment System, Soil Bio Technology etc.,)

S. No	Location	Other GWM Systems (nos)	Capacity in (MLD)
1	Ariyalur	0	0.03
2	Chengalpet	1	0.06
3	Coimbatore	1	0.06
4	Cuddalore	0	0.03

S. No	Location	Other GWM Systems (nos)	Capacity in (MLD)
5	Dharmapuri	0	0.03
6	Dindigul	1	0.06
7	Erode	1	0.06
8	Kallakurichi	0	0
9	Kancheepuram	1	0.06
10	Kanyakumari	0	0
11	Karur	1	0.06
12	Krishnagiri	0	0.03
13	Madurai	1	0.06
14	Mayiladuthurai	0	0
15	Nagapattinam	0	0
16	Namakkal	1	0.06
17	Perambalur	0	0
18	Pudukottai	0	0
19	Ramnad	0	0.03
20	Ranipet	1	0.06
21	Salem	1	0.09
22	Sivagangai	1	0.06
23	Tenkasi	0	0
24	Thanjavur	0	0.03
25	The Nilgiris	0	0
26	Theni	1	0.06
27	Thoothukudi	1	0.06
28	Tiruchirappalli	1	0.06
29	Tirunelveli	0	0.03
30	Tirupattur	0	0.03
31	Tiruppur	1	0.06
32	Tiruvallur	1	0.06
33	Tiruvannamalai	0	0.03
34	Tiruvarur	0	0
35	Vellore	0	0.03
36	Villupuram	0	0.03
37	Virudhunagar	0	0.03
<b>TOTAL</b>		<b>14</b>	<b>1.35</b>

## Directorate of Municipal Administration (DMA)

Table 1 STP (Under Construction)

S.No	Location	Capacity of the plant in MLD	Cost	Source of fund	Technology
1	Ambur	16.71	32.67	AMRUT 2.0/ADB	MBBR
2	Rameshwaram	4.08	7.37	AMRUT 2.0	SBR
3	Vellore	50.00	69.71	AMRUT 2.0/ADB	SBR
4	Ponneri	6.52	9.57	IUDM	MBBR
5	Pammal & Anagaputhur	27.00	48.90	CRRT	SBR
6	Tindivanam	11.44	24.55	IUDM/HUDCO loan	SBR
7	Villupuram Added area	4.56	12.65	IUDM/HUDCO loan	SBR
	<b>Total</b>	<b>120.31</b>	<b>205.42</b>		

Table 2 STP (Sanctioned)

S.No	Location	Capacity of the plant in MLD	Cost in Rs.Cr.	Source of fund	Remarks
1	Trichy	100.00	220.00	AMRUT 2.0	Sanctioned
2	Thiruverkadu-UGSS on cluster basis to cover (3 ULBs)	81.00	303.05	SBM 2.0/Kfw	Approved under 5 <sup>th</sup> SHPC held on 26-06-2023
3	Palani	12.45	36.81	AMRUT/SBM 2.0	
4	Mannargudi	10	38.81	AMRUT/SBM 2.0	
5	Aruppukottai	13.12	51.73	AMRUT/SBM 2.0	
	<b>Total</b>	<b>216.57</b>	<b>650.40</b>		

Table 3 STP (Proposed)

S.No	Location	Capacity of the plant in MLD	Cost in Rs.Cr.	Source of fund	DPR Status
1	Dharmapuri	5.11	11.14	SBM 2.0/Kfw	
2	Mayiladuthurai	9.37	21.18	SBM 2.0/Kfw	

S.No	Location	Capacity of the plant in MLD	Cost in Rs.Cr.	Source of fund	DPR Status
3	Namakkal	11.12	23.45	SBM 2.0/Kfw	DPR submitted
4	Maraimalainagar	15.07	28.57	SBM 2.0/Kfw	
5	Karur	16.84	35.36	SBM 2.0/Kfw	
6	Chengalpattu*	12.04	58.02	SBM 2.0/Kfw	
7	Pudukottai	10.64	23.41	AMRUT 2.0/Kfw	
8	Vellore	31.42	69.12	AMRUT 2.0/EAP	
9	Cuddalore	12.47	27.43	AMRUT 2.0	
10	Tiruvannamalai	13.15	28.93	AMRUT 2.0	
11	Dindigul	15.01	33.02	AMRUT 2.0	
12	Tirunelveli	58.00	127.60	AMRUT 2.0	
13	Avadi	36.00	79.20	AMRUT 2.0	
	<b>Total</b>	<b>246.24</b>	<b>566.44</b>		

Table 4 FSTP (Under Construction)

S.No	Location	Capacity of the plant in MLD	Cost in Lakhs	Source of fund
1	Sirkali	0.020	260.00	
2	Padmanabhapuram	0.020	213.00	
3	Vedaranyam	0.020	285.00	
4	Aranthangi	0.020	222.00	
5	Puliangudi	0.040	442.00	
6	Gudalur	0.020	215.00	
7	Walajapet	0.030	300.00	
8	Keelakarai	0.020	340.00	
9	Sivakasi	0.040	486.00	
10	Vaniyambadi	0.030	310.00	
11	Kuzhithurai	0.040	330.00	
12	Colachel	0.040	548.35	
13	Manapparai	0.020	260.00	
14	Nellikuppam	0.020	235.00	

S.No	Location	Capacity of the plant in MLD	Cost in Lakhs	Source of fund
15	Panruti	0.030	360.00	
16	Usilampatti	0.020	320.00	
17	Nelliyalam	0.010	387.00	
	<b>Total</b>	<b>0.44</b>	<b>5513.35</b>	

Table 5 STP cum FSTP (Under Construction)

S.No	Location	Capacity of the plant in MLD	Cost in Crores	Source of fund
1	Edaganasalai	3.2	8.80	SBM 2.0/GOTN
2	Musiri	3.2	9.37	
3	Surandai	3.1	9.45	
4	Kalakad	3.1	11.70	
5	Oddanchatram	1.1	3.90	
6	Tittakudi	2.1	8.51	
7	Manamadurai	2.1	9.91	
8	Gobichettipalayam	4.1	14.64	
9	Valparai	3.1	9.72	
10	PunjaiPuliampatti	2.5	6.63	
11	Komarapalayam	6.2	16.30	
	<b>Total</b>	<b>33.80</b>	<b>108.93</b>	

Table 6 FSTP (Proposed)

S.No	Location	Capacity of the plant in MLD	Cost in Lakhs	Source of fund
1	Pernampattu	0.020	300	SBM 2.0/ GOTN
2	Arani	0.020	300	
3	Tirukkoyilur	0.010	180	
4	Pallapatti	0.010	180	
5	Vellakoil	0.020	300	
6	Usilampatti	0.020	350	
7	Tiruvathipuram	0.010	180	
8	Kodaikanal	0.020	450	
9	Kulithurai	0.040	340	
10	Coonoor	0.010	350	
11	Vadalur	0.010	200	
12	Kottakuppam	0.010	200	
13	Pugalur	0.020	400	
14	Palladam	0.020	400	

<b>S.No</b>	<b>Location</b>	<b>Capacity of the plant in MLD</b>	<b>Cost in Lakhs</b>	<b>Source of fund</b>
15	Lalgudi	0.010	200	
	<b>Total</b>	<b>0.21</b>	<b>3730</b>	

**Table 1 STP cum FSTP (468 Locations approved by GOI under SBM 2.0)**

<b>Sl. No.</b>	<b>Name of the District</b>	<b>Name of the ULB</b>	<b>Capacity Proposed, MLD</b>	<b>Cost in Lakhs</b>
1	Kancheepuram	Uthiramerur	3.1	558
2	Kancheepuram	Walajabad	2	260
3	Chenglepet	Acharapakkam	1.4	182
4	Chenglepet	Edaikazhinadu	3.8	684
5	Chenglepet	Tirukalukundram	4.1	738
6	Thiruvallur	Arani	1.8	234
7	Thiruvallur	Gummidipoondi	2.5	325
8	Thiruvallur	Minjur	3.8	684
9	Thiruvallur	Naravarikuppam	2.9	522
10	Thiruvallur	Pallipet	1	130
11	Thiruvallur	Podhaturpet	2.9	522
12	Thiruvallur	Uthukottai	1.7	221
13	Vellore	Odugathur	1.2	156
14	Vellore	Pallikonda	2.9	522
15	Vellore	Pennathur	1.3	169
16	Vellore	Thiruvalam	1.3	169
17	Ranipet	Ammoor	1.6	208
18	Ranipet	Kalavai	1.1	143
19	Ranipet	Kaveripakkam	1.8	234
20	Ranipet	Nemili	1.6	208
21	Ranipet	Panapakkam	1.5	195
22	Ranipet	Thakkolam	1.9	247
23	Ranipet	Thimiri	2	260
24	Ranipet	Vilapakkam	1.1	143
25	Thirupathur	Natrapalli	1.5	195
26	Thirupathur	Udayendiram	1.8	234
27	Thiruvannamalai	Chetpet	2.7	351
28	Thiruvannamalai	Desur	0.9	117
29	Thiruvannamalai	Kalambur	1.8	234
30	Thiruvannamalai	Kannamangalam	1.1	143
31	Thiruvannamalai	Kilpennathur	1.7	221
32	Thiruvannamalai	Pernamallur	0.7	91
33	Thiruvannamalai	Polur	3.7	666
34	Thiruvannamalai	Pudupalayam	1.5	195
35	Thiruvannamalai	Vettavalam	2.1	273
36	Dharmapuri	B.Mallapuram	1.6	208
37	Dharmapuri	Harur	3.2	576
38	Dharmapuri	Kadathur	1.5	195
39	Dharmapuri	Kambainallur	1.5	195
40	Dharmapuri	Karimangalam	1.7	221

Sl. No.	Name of the District	Name of the ULB	Capacity Proposed, MLD	Cost in Lakhs
41	Dharmapuri	Marandahalli	1.6	208
42	Dharmapuri	Palacode	2.7	486
43	Dharmapuri	Papparapatti	1.5	195
44	Dharmapuri	Pappireddipatti	1.2	156
45	Krishnagiri	Bargur	2.1	273
46	Krishnagiri	Denkanikottai	3.4	612
47	Krishnagiri	Kelamangalam	1.6	208
48	Krishnagiri	Nagojanahalli	1.3	169
49	Krishnagiri	Uthangarai	2.3	299
50	Salem	Arasiramani	1.8	234
51	Salem	Attayampatti	1.7	221
52	Salem	Ayothiyapattinam	1.5	195
53	Salem	Belur	1.1	143
54	Salem	Ethapur	1.4	182
55	Salem	Gangavalli	1.6	208
56	Salem	Ilampillai	1.6	208
57	Salem	Kadayampatti	1.8	234
58	Salem	Kannakuruchi	2.9	377
59	Salem	Karuppur	1.8	234
60	Salem	Keeripatti	1.3	169
61	Salem	Kolathur	1.8	234
62	Salem	Konganapuram	1.3	169
63	Salem	Mallur	1.3	169
64	Salem	Mecheri	3.7	666
65	Salem	Nangavalli	1.5	195
66	Salem	Omalur	2.2	286
67	Salem	P.N.Patti	3.3	594
68	Salem	Panaimarathupatti	1.3	169
69	Salem	Pethanaikenpalayam	2.2	286
70	Salem	Poolampatti	1.3	169
71	Salem	Sankari	3.5	630
72	Salem	Sentharapatti	1.7	221
73	Salem	Thammampatti	3.2	576
74	Salem	Thedavur	1.1	143
75	Salem	Thevur	1.2	156
76	Salem	Vanavasi	1	130
77	Salem	Vazhapadi	2.5	325
78	Salem	Veeraganur	1.5	195
79	Salem	Veerakkalpudur	2	260
80	Namakkal	Aalampalayam	3	540
81	Namakkal	Athanur	1.2	156
82	Namakkal	Erumapatty	1.5	195
83	Namakkal	K.N.Patty	1.3	169

Sl. No.	Name of the District	Name of the ULB	Capacity Proposed, MLD	Cost in Lakhs
84	Namakkal	Mallasamudram	2.2	286
85	Namakkal	Mohanur	1.9	247
86	Namakkal	Namag iripettai	2.5	450
87	Namakkal	Padaveedu	1.4	182
88	Namakkal	Pandamangalam	1	130
89	Namakkal	Paramathy	1.5	195
90	Namakkal	Pattanam	1.1	143
91	Namakkal	Pillanallur	1.6	208
92	Namakkal	Pothanur	2.9	377
93	Namakkal	R.Pudupatty	1	130
94	Namakkal	Seerapalli	1.5	195
95	Namakkal	Sendamangalam	2.4	312
96	Namakkal	Velur	3.7	666
97	Namakkal	Vengarai	1.1	143
98	Namakkal	Vennandur	1.8	234
99	Erode	Ammapettai	1.2	156
100	Erode	Anthiyur	2.7	486
101	Erode	Appakudal	1.4	182
102	Erode	Arachalur	1.7	221
103	Erode	Ariyappampalayam	2.2	286
104	Erode	Athani	1.2	156
105	Erode	Avalpoondurai	1.6	208
106	Erode	Bhavanisagar	1	130
107	Erode	Chennasamudram	1.1	143
108	Erode	Chennimalai	2.3	299
109	Erode	Chithode	1.2	156
110	Erode	Elathur	0.9	117
111	Erode	Jambai	2	260
112	Erode	Kanjikovil	1.3	169
113	Erode	Karumandichellipalayam	3.2	576
114	Erode	Kasipalayam (Gobi)	1.3	169
115	Erode	Kembanaickenpalayam	1.6	208
116	Erode	Kilambadi	1	130
117	Erode	Kodumudi	1.6	208
118	Erode	Kolappalur	1.2	156
119	Erode	Kollankovil	1.4	182
120	Erode	Kugalur	1.8	234
121	Erode	Lakkampatti	1.6	208
122	Erode	Modakkurichi	1.2	156
123	Erode	Nallampatti	0.5	65
124	Erode	Nambiyur	2.4	312
125	Erode	Nasiyanur	1.4	182
126	Erode	Nerinjipettai	0.9	117

Sl. No.	Name of the District	Name of the ULB	Capacity Proposed, MLD	Cost in Lakhs
127	Erode	Olagadam	1.5	195
128	Erode	P.Mettupalayam	1.2	156
129	Erode	Pallapalayam	1.1	143
130	Erode	Pasur	0.5	65
131	Erode	Periyakodiveri	2.2	286
132	Erode	Pethampalayam	0.9	117
133	Erode	Salangapalayam	2.3	299
134	Erode	Sivagiri	2.1	273
135	Erode	Unjalur	0.4	52
136	Erode	Vadugapatti	1.1	143
137	Erode	Vaniputhur	1.4	182
138	Erode	Vellottamparappu	0.9	117
139	Erode	Vengambur	1.1	143
140	Tiruppur	Avinashi	4.3	774
141	Tiruppur	Chinnakkampalayam	1.5	195
142	Tiruppur	Dhali	0.8	104
143	Tiruppur	Kaniyur	0.7	91
144	Tiruppur	Kannivadi	0.6	78
145	Tiruppur	Kolathuppalayam	2.1	273
146	Tiruppur	Komaralingam	1.7	221
147	Tiruppur	Kunnathur	1.2	156
148	Tiruppur	Madathukulam	3	540
149	Tiruppur	Mulanur	2	260
150	Tiruppur	Muthur	1.7	221
151	Tiruppur	Rudravathi	1	130
152	Tiruppur	Samalapuram	3	540
153	Tiruppur	Sangaramanallur	1.2	156
154	Tiruppur	Uthukuli	1.5	195
155	Coimbatore	Alandurai	0.9	117
156	Coimbatore	Anaimalai	2	260
157	Coimbatore	Annur	2.9	522
158	Coimbatore	Chettipalayam	1.7	221
159	Coimbatore	Dhaliyur	1.6	208
160	Coimbatore	Ettimadai	1.5	195
161	Coimbatore	Idigarai	1.3	169
162	Coimbatore	Irugur	4	720
163	Coimbatore	Kannampalayam	2.8	364
164	Coimbatore	Kinathukadavu	1.1	143
165	Coimbatore	Kottur	3.9	702
166	Coimbatore	Mopperipalayam	1.6	208
167	Coimbatore	Narasimmanaickenpalayam	3.7	481
168	Coimbatore	Odayakulam	1.8	234
169	Coimbatore	Othakkalmandapam	1.7	221

Sl. No.	Name of the District	Name of the ULB	Capacity Proposed, MLD	Cost in Lakhs
170	Coimbatore	Pallapalayam	2	260
171	Coimbatore	Periya negamam	0.9	117
172	Coimbatore	Perur	0.9	117
173	Coimbatore	Pooluvapatti	1.6	208
174	Coimbatore	Samathur	0.8	104
175	Coimbatore	Sarkarsamakulam	1.6	208
176	Coimbatore	Sirumugai	3.5	455
177	Coimbatore	Suleswaranpatti	2.8	504
178	Coimbatore	Sulur	3.7	666
179	Coimbatore	Thenkarai	0.9	117
180	Coimbatore	Thirumalayampalayam	1.6	208
181	Coimbatore	Thondamuthur	1.6	208
182	Coimbatore	Vedapatti	1.9	247
183	Coimbatore	Veerapandi	2.8	364
184	Coimbatore	Vellalore	4	720
185	Coimbatore	Vettaikaranpudur	2.1	273
186	Coimbatore	Zamin Uthukuli	2.3	299
187	Nilgiris	Adigaratty	1.9	247
188	Nilgiris	Bikkatty	0.7	91
189	Nilgiris	Devarshola	3.2	576
190	Nilgiris	Hulical	1.6	208
191	Nilgiris	Jegathala	1.7	221
192	Nilgiris	Ketti	2.7	486
193	Nilgiris	Kil Kundah	1.1	143
194	Nilgiris	Kotagiri	3.3	594
195	Nilgiris	Naduvattam	1	130
196	Nilgiris	O'Valley	2.6	468
197	Nilgiris	Sholur	1.2	156
198	Cuddalore	Annamalainagar	2.4	312
199	Cuddalore	Bhuvanagiri	3	540
200	Cuddalore	Gangaikondan	1.2	156
201	Cuddalore	Kattumannarkoil	3.7	666
202	Cuddalore	Killai	2.2	286
203	Cuddalore	Kurinjpadi	3.4	612
204	Cuddalore	Lalpettai	2.3	299
205	Cuddalore	Mangalampettai	1.3	169
206	Cuddalore	Melpattampakkam	1	130
207	Cuddalore	Parangipettai	3.4	612
208	Cuddalore	Sethiyathope	1.6	208
209	Cuddalore	Srimushnam	2.1	273
210	Cuddalore	Thorapadi	1.2	156
211	Villupuram	Ananthapuram	1	130
212	Villupuram	Arakandanallur	0.9	117

Sl. No.	Name of the District	Name of the ULB	Capacity Proposed, MLD	Cost in Lakhs
213	Villupuram	Gingee	4.1	738
214	Villupuram	Marakkanam	2.9	522
215	Villupuram	Tiruvonnainallur	1.3	169
216	Villupuram	Valavanur	3	390
217	Villupuram	Vikkiravandi	1.8	234
218	Kallakurichi	Chinnasalem	3.8	684
219	Kallakurichi	Manalurpettai	1.3	169
220	Kallakurichi	Sankarapuram	2.4	312
221	Kallakurichi	Thiyagadurgam	3.1	403
222	Kallakurichi	Vadakkanandal	3.1	558
223	Thanjavur	Aduthurai	1.5	195
224	Thanjavur	Ammapettai	1.7	221
225	Thanjavur	Ayyampettai	2	260
226	Thanjavur	Cholapuram	0.9	117
227	Thanjavur	Madukkur	2	260
228	Thanjavur	Melathiruppanthruthi	1.1	143
229	Thanjavur	Melattur	1	130
230	Thanjavur	Papanasam	2.6	338
231	Thanjavur	Peravurani	2.6	468
232	Thanjavur	Perumagalur	0.8	104
233	Thanjavur	Swamimalai	0.9	117
234	Thanjavur	Thirukattupalli	1.8	234
235	Thanjavur	Thirunageswaram	1.9	247
236	Thanjavur	Thiruppananthai	1.4	182
237	Thanjavur	Thirupuvanam	1.8	234
238	Thanjavur	Thiruvaiyaru	2.1	273
239	Thanjavur	Thiruvudaimaruthur	1.8	234
240	Thanjavur	Veppathur	1	130
241	Thiruvarur	Nannilam	1.6	208
242	Thiruvarur	Kodavasal	1.9	247
243	Thiruvarur	Koradachery	0.8	104
244	Thiruvarur	Muthupettai	2.7	486
245	Thiruvarur	Needamangalam	1.2	156
246	Thiruvarur	Peralam	0.9	117
247	Thiruvarur	Valangaiman	1.4	182
248	Nagapattinam	Thalanayar	1.6	208
249	Nagapattinam	Kilvelur	1.1	143
250	Nagapattinam	Thittachery	1.2	156
251	Nagapattinam	Tharangampadi	2.9	522
252	Nagapattinam	Kuthalam	2.2	286
253	Nagapattinam	Manalmedu	1.1	143
254	Nagapattinam	Vaitheeswaran koil	1	130
255	Trichy	Balakrishnanpatti	1	130

Sl. No.	Name of the District	Name of the ULB	Capacity Proposed, MLD	Cost in Lakhs
256	Trichy	Kallakudi	1.4	182
257	Trichy	Kattuputhur	1.6	208
258	Trichy	Koothapar	2.3	299
259	Trichy	Mettupalayam	1	130
260	Trichy	Ponnampatti	1.6	208
261	Trichy	Pullambadi	1.5	195
262	Trichy	Puvalur	1.4	182
263	Trichy	Sirugamani	1.6	208
264	Trichy	Thathaiyangarpettai	2	260
265	Trichy	Thottiam	2.2	286
266	Trichy	Uppiliapuram	1.1	143
267	Ariyalur	Udaiyar Palayam	1.7	221
268	Ariyalur	Varatharajanpettai	1.2	156
269	Perambalur	Arumbavur	1.5	195
270	Perambalur	Labbaikudikadu	2	260
271	Perambalur	Poolambadi	1.3	169
272	Pudukottai	Alangudi	1.7	221
273	Pudukottai	Annavasal	1.2	156
274	Pudukottai	Arimalam	1.3	169
275	Pudukottai	Iluppur	2.1	273
276	Pudukottai	Karambakudi	2	260
277	Pudukottai	Keeramangalam	1.4	182
278	Pudukottai	Keeranur	1.6	208
279	Pudukottai	Ponnamaravathi	1.6	208
280	Dindigul	Agaram	2	260
281	Dindigul	Ammayanaickanur	2.6	338
282	Dindigul	Ayakudi	3.3	594
283	Dindigul	Ayyalur	2.2	286
284	Dindigul	Ayyampalayam	1.5	195
285	Dindigul	Balagamudram	2	260
286	Dindigul	Batlagundu	3.1	558
287	Dindigul	Chinnalapatti	3.3	594
288	Dindigul	Eriodu	1.1	143
289	Dindigul	Kannivadi	1.3	169
290	Dindigul	Keeranur	0.9	117
291	Dindigul	Natham	3	540
292	Dindigul	Neikkarapatti	1.8	234
293	Dindigul	Nilakottai	2.9	522
294	Dindigul	Palayam	2	260
295	Dindigul	Pannaikkadu	1.1	143
296	Dindigul	Pattiveeranpatti	1.1	143
297	Dindigul	Sevugampatti	1.5	195
298	Dindigul	Sithayankottai	1.8	234

Sl. No.	Name of the District	Name of the ULB	Capacity Proposed, MLD	Cost in Lakhs
299	Dindigul	Sriramapuram	1.5	195
300	Dindigul	Thadicombu	2.6	338
301	Dindigul	Vadamadurai	2.2	286
302	Dindigul	Vedasandur	1.5	195
303	Karur	Aravakurichi	1.8	234
304	Karur	Krishnarayapuram	1.3	169
305	Karur	Marudur	1.3	169
306	Karur	Nangavaram	2.3	299
307	Karur	P.J. Cholapuram	1.1	143
308	Karur	Puliyur	1.6	208
309	Karur	Punjaithottakurichi	1.4	182
310	Karur	Uppidamangalam	1.5	195
311	Madurai	A.Vallalapatti	1.1	143
312	Madurai	Alanganallur	1.6	208
313	Madurai	Elumalai	2	260
314	Madurai	Palamedu	1.5	195
315	Madurai	Paravai	2.8	504
316	Madurai	Peraiyur	1.5	195
317	Madurai	Sholavandan	2.6	468
318	Madurai	T.Kallupatti	1.4	182
319	Madurai	Vadipatti	3.7	666
320	Virudhunagar	Chettiyarpatti	2.2	286
321	Virudhunagar	Kariyapatti	2.8	364
322	Virudhunagar	Mallankinaru	1.6	208
323	Virudhunagar	Mamsapuram	2.4	312
324	Virudhunagar	S.Kodikulam	1.5	195
325	Virudhunagar	Seithur	2.6	468
326	Virudhunagar	Sundarapandiam	1	130
327	Virudhunagar	W.Pudupatti	1	130
328	Virudhunagar	Watrap	2.5	325
329	Theni	Andipatti	3.8	684
330	Theni	B. Meenakshipuram	1	130
331	Theni	Boothipuram	1.5	195
332	Theni	Devadanapatti	2.4	312
333	Theni	Ganguvarpatti	1.8	234
334	Theni	Hanumanthampatti	1.4	182
335	Theni	Highways	0.6	78
336	Theni	Kamayagoundanpatti	2.6	338
337	Theni	Kombai	2.4	312
338	Theni	Kuchanur	1	130
339	Theni	Markayankottai	0.9	117
340	Theni	Odaipatti	2.1	273
341	Theni	Pannaipuram	1.4	182

Sl. No.	Name of the District	Name of the ULB	Capacity Proposed, MLD	Cost in Lakhs
342	Theni	Pudupatti	1.6	208
343	Theni	Thamaraikulam	1.8	234
344	Theni	Thenkarai	2.3	299
345	Theni	Thevaram	2	260
346	Theni	Uthamapalayam	4.4	792
347	Theni	Vadugapatti	2.1	273
348	Theni	Veerapandi	2.1	273
349	Sivagangai	Kottaiyur	2.3	299
350	Sivagangai	Kandanur	1	130
351	Sivagangai	Puduvayal	1.6	208
352	Sivagangai	Pallathur	1.4	182
353	Sivagangai	Kanadukathan	0.8	104
354	Sivagangai	Singampunari	2.2	286
355	Sivagangai	Thirupuvanam	3.3	594
356	Sivagangai	Tirupathur	3.2	576
357	Sivagangai	Ilayangudi	3.6	648
358	Sivagangai	Nattarasankottai	0.9	117
359	Sivagangai	Nerkuppai	1.1	143
360	Ramanathapuram	Abiramam	1.2	156
361	Ramanathapuram	Kamuthi	1.9	247
362	Ramanathapuram	Mandapam	2.8	364
363	Ramanathapuram	R.S.Mangalam	2.2	286
364	Ramanathapuram	Sayalgudi	2.5	325
365	Ramanathapuram	Thondi	2.5	325
366	Tirunelveli	Cheranmahadevi	2.7	351
367	Tirunelveli	Eruvadi	2.3	299
368	Tirunelveli	Gopalsamudram	1.6	208
369	Tirunelveli	Kallidaikuruchi	3	540
370	Tirunelveli	Manimuthar	1.4	182
371	Tirunelveli	Melaseval	1.1	143
372	Tirunelveli	Moolaikaraipatti	1.6	208
373	Tirunelveli	Mukkudal	1.9	247
374	Tirunelveli	Nanguneri	0.8	104
375	Tirunelveli	Naranammalpuram	2.1	273
376	Tirunelveli	Panagudi	3.8	684
377	Tirunelveli	Pathamadai	2.1	273
378	Tirunelveli	Sankarnagar	1	130
379	Tirunelveli	Thirukkurgudi	1.1	143
380	Tirunelveli	Thisaiyanvilai	3.1	558
381	Tirunelveli	Vadakkuvalliyoor	3.8	684
382	Tirunelveli	Veeravanallur	2.2	286
383	Tenkasi	Achanpudur	1.7	221
384	Tenkasi	Alangulam	3	540

Sl. No.	Name of the District	Name of the ULB	Capacity Proposed, MLD	Cost in Lakhs
385	Tenkasi	Alwarkuruchi	1.3	169
386	Tenkasi	Ayikudy	1.9	247
387	Tenkasi	Courtallam	0.3	39
388	Tenkasi	Ilanji	1.3	169
389	Tenkasi	Keelapavoor	2.9	522
390	Tenkasi	Melagaram	2	260
391	Tenkasi	Panpoli	1.2	156
392	Tenkasi	Pudur(S)	1.7	221
393	Tenkasi	Rayagiri	1.3	169
394	Tenkasi	Sambavadakarai	2.1	273
395	Tenkasi	Sivagiri	2.7	486
396	Tenkasi	Sunderapandiapuram	1.4	182
397	Tenkasi	Thiruvankadam	1.1	143
398	Tenkasi	Vadakaraikeelpidagai	2.8	504
399	Tenkasi	Vasudevanallur	2.6	468
400	Thoothukudi	Alwarthirunagiri	1.4	182
401	Thoothukudi	Arumuganeri	3.4	612
402	Thoothukudi	Authoor	1.3	169
403	Thoothukudi	Eral	1.4	182
404	Thoothukudi	Ettayapuram	1.5	195
405	Thoothukudi	Kadambur	0.5	65
406	Thoothukudi	Kalugumalai	1.8	234
407	Thoothukudi	Kanam	0.4	52
408	Thoothukudi	Kayathar	1.3	169
409	Thoothukudi	Nazerath	2	260
410	Thoothukudi	Perungulam	1.1	143
411	Thoothukudi	Pudur(V)	1.3	169
412	Thoothukudi	Sathankulam	1.6	208
413	Thoothukudi	Sawyerapuram	1.9	247
414	Thoothukudi	Srivaikundam	2.1	273
415	Thoothukudi	Thenthiruperai	0.6	78
416	Thoothukudi	Udangudi	2.2	286
417	Thoothukudi	Vilathikulam	2.1	273
418	Kanyakumari	Agasteeswaram	1.2	156
419	Kanyakumari	Alagappapuram	1.2	156
420	Kanyakumari	Anjugramam	1.5	195
421	Kanyakumari	Aralvaimozhi	3.1	558
422	Kanyakumari	Arumanai	2	260
423	Kanyakumari	Attoor	1.4	182
424	Kanyakumari	Azhagiapandipuram	1.4	182
425	Kanyakumari	Boothapandy	2	260
426	Kanyakumari	Edaicode	3.9	702
427	Kanyakumari	Eraniel	1.3	169

Sl. No.	Name of the District	Name of the ULB	Capacity Proposed, MLD	Cost in Lakhs
428	Kanyakumari	Ganapathipuram	1.8	234
429	Kanyakumari	Kadayal	2.5	450
430	Kanyakumari	Kaliyakkavilai	2.4	312
431	Kanyakumari	Kallukuttam	2.3	299
432	Kanyakumari	Kanniyakumari	3	540
433	Kanyakumari	Kappiyarai	1.9	247
434	Kanyakumari	Karungal	2	260
435	Kanyakumari	Keezhkulam	2.5	325
436	Kanyakumari	Killiyor	2.5	450
437	Kanyakumari	Kothanalloor	2.2	286
438	Kanyakumari	Kottaram	1.4	182
439	Kanyakumari	Kulasekaram	2.1	273
440	Kanyakumari	Kumarapuram	1.8	234
441	Kanyakumari	Manavalakurichy	1.6	208
442	Kanyakumari	Mandaikadu	1.7	221
443	Kanyakumari	Marungoor	1.4	182
444	Kanyakumari	Mulagumoodu	2.3	299
445	Kanyakumari	Mylaudy	1.3	169
446	Kanyakumari	Nalloor	2.2	286
447	Kanyakumari	Neyyoor	1.5	195
448	Kanyakumari	Pacode	3	540
449	Kanyakumari	Palapallam	2.4	312
450	Kanyakumari	Palugal	2.3	299
451	Kanyakumari	Ponmanai	2.1	273
452	Kanyakumari	Puthalam	2.3	299
453	Kanyakumari	Puthukadai	1.3	169
454	Kanyakumari	Reethapuram	4.1	738
455	Kanyakumari	Suchindrum	1.7	221
456	Kanyakumari	Thazhakudy	1.1	143
457	Kanyakumari	Thenthamaraikulam	1.5	195
458	Kanyakumari	Theroor	0.9	117
459	Kanyakumari	Thingalnager	1.9	247
460	Kanyakumari	Thiruparappu	2.6	468
461	Kanyakumari	Thiruvattar	2.2	286
462	Kanyakumari	Thiruvithancode	2.4	312
463	Kanyakumari	Unamalaikadai	2.9	522
464	Kanyakumari	Valvachagostam	2	260
465	Kanyakumari	Vellimalai	1.8	234
466	Kanyakumari	Verkilambi	2.4	312
467	Kanyakumari	Vilavoor	1.7	221
468	Kanyakumari	Villukuri	2.1	273
<b>Total</b>			<b>876.4</b>	<b>126362</b>

Table 2 Polluted River Stretches

Sl. No.	Name of the District	Location	Capacity of the plant in MLD	Cost in Cr	Fund Source
1	Tirunelveli	Mukkudal	1.50	0.26	SBM 2.0
2	Tirunelveli	Goplasamudram	1.40	0.595	SBM 2.0
3	Tirunelveli	Kallidaikurichi	3.09	3.2	SBM 2.0
4	Tirunelveli	Cheranmahadevi	1.97	0.407	SBM 2.0
5	Tirunelveli	Veeravanallur	2.79	0.917	SBM 2.0
6	Tirunelveli	Patthamadai	1.61	0.28	SBM 2.0
7	Tirunelveli	Mela Seval	0.53	0.407	SBM 2.0
8	Tirunelveli	Naranammalpuram	0.01	0.1	SBM 2.0
<b>Total</b>			<b>12.9</b>	<b>6.16</b>	

## Proposed Infrastructures in Village Panchayats of Tamil Nadu

Table 1 Individual Soak Pits (ISP)

S. No	Location	Capacity in (MLD)	Estimate cost in lakhs	Fund Source
1	Ariyalur	1.16	927.36	MGNREGS
2	Chengalpet	2.08	1666.22	MGNREGS
3	Coimbatore	1.34	1074.86	MGNREGS
4	Cuddalore	3.98	3186.96	MGNREGS
5	Dharmapuri	1.45	1162.56	MGNREGS
6	Dindigul	1.77	1414.90	MGNREGS
7	Erode	1.29	1034.54	MGNREGS
8	Kallakurichi	2.40	1917.89	MGNREGS
9	Kancheepuram	1.58	1263.70	MGNREGS
10	Kanyakumari	0.53	423.02	MGNREGS
11	Karur	0.90	717.36	MGNREGS
12	Krishnagiri	1.93	1540.22	MGNREGS
13	Madurai	2.44	1955.52	MGNREGS
14	Mayiladuthurai	1.11	885.70	MGNREGS
15	Nagapattinam	1.39	1112.16	MGNREGS
16	Namakkal	1.87	1499.23	MGNREGS
17	Perambalur	0.69	554.40	MGNREGS
18	Pudukottai	2.89	2314.03	MGNREGS
19	Ramnad	2.49	1994.16	MGNREGS
20	Ranipet	1.66	1330.22	MGNREGS
21	Salem	2.24	1790.88	MGNREGS
22	Sivagangai	3.40	2716.56	MGNREGS
23	Tenkasi	1.28	1020.43	MGNREGS
24	Thanjavur	3.44	2750.16	MGNREGS
25	The Nilgiris	0.18	146.16	MGNREGS
26	Theni	0.74	591.02	MGNREGS
27	Thoothukudi	1.20	961.30	MGNREGS
28	Tiruchirappalli	2.35	1877.23	MGNREGS
29	Tirunelveli	2.35	1877.23	MGNREGS
30	Tirupattur	1.18	944.83	MGNREGS
31	Tiruppur	1.54	1229.76	MGNREGS
32	Tiruvallur	3.07	2455.49	MGNREGS
33	Tiruvannamalai	5.02	4018.56	MGNREGS
34	Tiruvarur	2.50	2002.22	MGNREGS
35	Vellore	1.43	1145.76	MGNREGS
36	Villupuram	4.01	3211.49	MGNREGS
37	Virudhunagar	2.61	2085.89	MGNREGS
	<b>TOTAL</b>	<b>73.50</b>	<b>58,800.00</b>	

Table 2 Community Soak Pits (CSP)

S. No	Location	Capacity in (MLD)	Estimate cost in lakhs	Fund Source
1	Ariyalur	0.44	159.96	SBM(G), 15 <sup>th</sup> FC, MGNREGS
2	Chengalpet	0.80	288.67	SBM(G), 15 <sup>th</sup> FC, MGNREGS
3	Coimbatore	0.50	181.08	SBM(G), 15 <sup>th</sup> FC, MGNREGS
4	Cuddalore	1.51	548.91	SBM(G), 15 <sup>th</sup> FC, MGNREGS
5	Dharmapuri	0.55	200.56	SBM(G), 15 <sup>th</sup> FC, MGNREGS
6	Dindigul	0.68	245.22	SBM(G), 15 <sup>th</sup> FC, MGNREGS
7	Erode	0.50	180.26	SBM(G), 15 <sup>th</sup> FC, MGNREGS
8	Kallakurichi	0.91	330.89	SBM(G), 15 <sup>th</sup> FC, MGNREGS
9	Kancheepuram	0.61	219.65	SBM(G), 15 <sup>th</sup> FC, MGNREGS
10	Kanyakumari	0.21	74.70	SBM(G), 15 <sup>th</sup> FC, MGNREGS
11	Karur	0.34	124.24	SBM(G), 15 <sup>th</sup> FC, MGNREGS
12	Krishnagiri	0.74	267.55	SBM(G), 15 <sup>th</sup> FC, MGNREGS
13	Madurai	0.93	338.20	SBM(G), 15 <sup>th</sup> FC, MGNREGS
14	Mayiladuthurai	0.43	154.69	SBM(G), 15 <sup>th</sup> FC, MGNREGS
15	Nagapattinam	0.53	193.26	SBM(G), 15 <sup>th</sup> FC, MGNREGS
16	Namakkal	0.71	257.81	SBM(G), 15 <sup>th</sup> FC, MGNREGS
17	Perambalur	0.26	95.82	SBM(G), 15 <sup>th</sup> FC, MGNREGS
18	Pudukottai	1.10	399.91	SBM(G), 15 <sup>th</sup> FC, MGNREGS
19	Ramnad	0.95	345.51	SBM(G), 15 <sup>th</sup> FC, MGNREGS
20	Ranipet	0.63	229.80	SBM(G), 15 <sup>th</sup> FC, MGNREGS
21	Salem	0.85	308.97	SBM(G), 15 <sup>th</sup> FC, MGNREGS
22	Sivagangai	1.29	468.52	SBM(G), 15 <sup>th</sup> FC, MGNREGS
23	Tenkasi	0.48	175.39	SBM(G), 15 <sup>th</sup> FC, MGNREGS
24	Thanjavur	1.31	474.21	SBM(G), 15 <sup>th</sup> FC, MGNREGS
25	The Nilgiris	0.07	25.58	SBM(G), 15 <sup>th</sup> FC, MGNREGS
26	Theni	0.28	102.31	SBM(G), 15 <sup>th</sup> FC, MGNREGS
27	Thoothukudi	0.46	165.24	SBM(G), 15 <sup>th</sup> FC, MGNREGS
28	Tiruchirappalli	0.89	323.58	SBM(G), 15 <sup>th</sup> FC, MGNREGS
29	Tirunelveli	0.89	323.99	SBM(G), 15 <sup>th</sup> FC, MGNREGS
30	Tirupattur	0.45	162.40	SBM(G), 15 <sup>th</sup> FC, MGNREGS
31	Tiruppur	0.58	210.71	SBM(G), 15 <sup>th</sup> FC, MGNREGS
32	Tiruvallur	1.17	423.46	SBM(G), 15 <sup>th</sup> FC, MGNREGS
33	Tiruvannamalai	1.91	692.64	SBM(G), 15 <sup>th</sup> FC, MGNREGS
34	Tiruvarur	0.95	344.29	SBM(G), 15 <sup>th</sup> FC, MGNREGS
35	Vellore	0.54	197.32	SBM(G), 15 <sup>th</sup> FC, MGNREGS
36	Villupuram	1.52	552.57	SBM(G), 15 <sup>th</sup> FC, MGNREGS
37	Virudhunagar	1.00	362.15	SBM(G), 15 <sup>th</sup> FC, MGNREGS
<b>TOTAL</b>		<b>28.00</b>	<b>10,150.00</b>	

Table 3 Vertical Filter Type (VF)

S. No	Location	Capacity in (MLD)	Estimate Cost in lakhs	Fund Source
1	Ariyalur	0.49	139.17	SBM(G), 15 <sup>th</sup> FC, MGNREGS
2	Chengalpet	0.29	80.93	SBM(G), 15 <sup>th</sup> FC, MGNREGS
3	Coimbatore	0.82	231.95	SBM(G), 15 <sup>th</sup> FC, MGNREGS
4	Cuddalore	0.45	127.32	SBM(G), 15 <sup>th</sup> FC, MGNREGS
5	Dharmapuri	0.32	88.83	SBM(G), 15 <sup>th</sup> FC, MGNREGS
6	Dindigul	1.15	324.72	SBM(G), 15 <sup>th</sup> FC, MGNREGS
7	Erode	0.54	151.01	SBM(G), 15 <sup>th</sup> FC, MGNREGS
8	Kallakurichi	1.53	431.32	SBM(G), 15 <sup>th</sup> FC, MGNREGS
9	Kancheepuram	0.32	89.82	SBM(G), 15 <sup>th</sup> FC, MGNREGS
10	Kanyakumari	0.10	27.64	SBM(G), 15 <sup>th</sup> FC, MGNREGS
11	Karur	0.59	166.80	SBM(G), 15 <sup>th</sup> FC, MGNREGS
12	Krishnagiri	0.37	103.64	SBM(G), 15 <sup>th</sup> FC, MGNREGS
13	Madurai	1.89	533.97	SBM(G), 15 <sup>th</sup> FC, MGNREGS
14	Mayiladuthurai	0.11	31.58	SBM(G), 15 <sup>th</sup> FC, MGNREGS
15	Nagapattinam	0.11	31.58	SBM(G), 15 <sup>th</sup> FC, MGNREGS
16	Namakkal	0.91	257.61	SBM(G), 15 <sup>th</sup> FC, MGNREGS
17	Perambalur	0.08	21.71	SBM(G), 15 <sup>th</sup> FC, MGNREGS
18	Pudukottai	0.79	224.05	SBM(G), 15 <sup>th</sup> FC, MGNREGS
19	Ramnad	1.38	389.87	SBM(G), 15 <sup>th</sup> FC, MGNREGS
20	Ranipet	0.21	60.21	SBM(G), 15 <sup>th</sup> FC, MGNREGS
21	Salem	1.97	556.67	SBM(G), 15 <sup>th</sup> FC, MGNREGS
22	Sivagangai	0.50	141.14	SBM(G), 15 <sup>th</sup> FC, MGNREGS
23	Tenkasi	0.36	102.65	SBM(G), 15 <sup>th</sup> FC, MGNREGS
24	Thanjavur	0.68	190.49	SBM(G), 15 <sup>th</sup> FC, MGNREGS
25	The Nilgiris	0.71	201.35	SBM(G), 15 <sup>th</sup> FC, MGNREGS
26	Theni	0.27	76.00	SBM(G), 15 <sup>th</sup> FC, MGNREGS
27	Thoothukudi	0.68	191.48	SBM(G), 15 <sup>th</sup> FC, MGNREGS
28	Tiruchirappalli	0.40	113.51	SBM(G), 15 <sup>th</sup> FC, MGNREGS
29	Tirunelveli	0.27	76.99	SBM(G), 15 <sup>th</sup> FC, MGNREGS
30	Tirupattur	0.14	38.49	SBM(G), 15 <sup>th</sup> FC, MGNREGS
31	Tiruppur	0.91	255.63	SBM(G), 15 <sup>th</sup> FC, MGNREGS
32	Tiruvallur	0.84	236.88	SBM(G), 15 <sup>th</sup> FC, MGNREGS
33	Tiruvannamalai	1.06	300.05	SBM(G), 15 <sup>th</sup> FC, MGNREGS
34	Tiruvarur	0.61	171.74	SBM(G), 15 <sup>th</sup> FC, MGNREGS
35	Vellore	0.34	96.73	SBM(G), 15 <sup>th</sup> FC, MGNREGS
36	Villupuram	1.28	362.23	SBM(G), 15 <sup>th</sup> FC, MGNREGS
37	Virudhunagar	0.53	150.02	SBM(G), 15 <sup>th</sup> FC, MGNREGS
<b>TOTAL</b>		<b>24.03</b>	<b>6,775.76</b>	

Table 4 Horizontal Filter Type

S. No	Location	Capacity in (MLD)	Estimate Cost in lakhs	Fund Source
1	Ariyalur	0.73	222.38	SBM(G), 15 <sup>th</sup> FC, MGNREGS
2	Chengalpet	0.08	23.41	SBM(G), 15 <sup>th</sup> FC, MGNREGS
3	Coimbatore	0.81	245.78	SBM(G), 15 <sup>th</sup> FC, MGNREGS
4	Cuddalore	0.68	205.35	SBM(G), 15 <sup>th</sup> FC, MGNREGS
5	Dharmapuri	0.02	5.32	SBM(G), 15 <sup>th</sup> FC, MGNREGS
6	Dindigul	0.62	187.26	SBM(G), 15 <sup>th</sup> FC, MGNREGS
7	Erode	0.54	162.79	SBM(G), 15 <sup>th</sup> FC, MGNREGS
8	Kallakurichi	0.59	179.82	SBM(G), 15 <sup>th</sup> FC, MGNREGS
9	Kancheepuram	0.28	85.12	SBM(G), 15 <sup>th</sup> FC, MGNREGS
10	Kanyakumari	0.25	74.48	SBM(G), 15 <sup>th</sup> FC, MGNREGS
11	Karur	0.23	70.22	SBM(G), 15 <sup>th</sup> FC, MGNREGS
12	Krishnagiri	0.18	55.33	SBM(G), 15 <sup>th</sup> FC, MGNREGS
13	Madurai	0.25	75.54	SBM(G), 15 <sup>th</sup> FC, MGNREGS
14	Mayiladuthurai	0.25	75.54	SBM(G), 15 <sup>th</sup> FC, MGNREGS
15	Nagapattinam	0.01	4.26	SBM(G), 15 <sup>th</sup> FC, MGNREGS
16	Namakkal	0.11	32.98	SBM(G), 15 <sup>th</sup> FC, MGNREGS
17	Perambalur	1.00	304.30	SBM(G), 15 <sup>th</sup> FC, MGNREGS
18	Pudukottai	0.36	109.59	SBM(G), 15 <sup>th</sup> FC, MGNREGS
19	Ramnad	1.64	497.95	SBM(G), 15 <sup>th</sup> FC, MGNREGS
20	Ranipet	0.25	75.54	SBM(G), 15 <sup>th</sup> FC, MGNREGS
21	Salem	0.76	229.82	SBM(G), 15 <sup>th</sup> FC, MGNREGS
22	Sivagangai	0.06	17.02	SBM(G), 15 <sup>th</sup> FC, MGNREGS
23	Tenkasi	0.33	98.95	SBM(G), 15 <sup>th</sup> FC, MGNREGS
24	Thanjavur	0.22	65.97	SBM(G), 15 <sup>th</sup> FC, MGNREGS
25	The Nilgiris	1.18	358.57	SBM(G), 15 <sup>th</sup> FC, MGNREGS
26	Theni	0.25	76.61	SBM(G), 15 <sup>th</sup> FC, MGNREGS
27	Thoothukudi	0.28	84.06	SBM(G), 15 <sup>th</sup> FC, MGNREGS
28	Tiruchirappalli	0.49	147.90	SBM(G), 15 <sup>th</sup> FC, MGNREGS
29	Tirunelveli	0.20	60.65	SBM(G), 15 <sup>th</sup> FC, MGNREGS
30	Tirupattur	0.04	12.77	SBM(G), 15 <sup>th</sup> FC, MGNREGS
31	Tiruppur	0.24	73.42	SBM(G), 15 <sup>th</sup> FC, MGNREGS
32	Tiruvallur	0.13	38.30	SBM(G), 15 <sup>th</sup> FC, MGNREGS
33	Tiruvannamalai	0.97	295.79	SBM(G), 15 <sup>th</sup> FC, MGNREGS
34	Tiruvarur	0.06	17.02	SBM(G), 15 <sup>th</sup> FC, MGNREGS
35	Vellore	0.47	141.51	SBM(G), 15 <sup>th</sup> FC, MGNREGS
36	Villupuram	0.30	92.57	SBM(G), 15 <sup>th</sup> FC, MGNREGS
37	Virudhunagar	0.65	196.84	SBM(G), 15 <sup>th</sup> FC, MGNREGS
<b>TOTAL</b>		<b>15.46</b>	<b>4,700.75</b>	

**Table 5 Other GWM systems (Phytorid, Waste Stabilization Pond, Root Zone Treatment System, Soil Bio Technolgy etc..)**

S. No	Location	Capacity in (MLD)	Estimate Cost in lakhs	Fund Source
1	Ariyalur	0.05	35	SBM(G), 15 <sup>th</sup> FC
2	Chengalpet	0.10	70	SBM(G), 15 <sup>th</sup> FC
3	Coimbatore	0.10	70	SBM(G), 15 <sup>th</sup> FC
4	Cuddalore	0.05	35	SBM(G), 15 <sup>th</sup> FC
5	Dharmapuri	0.05	35	SBM(G), 15 <sup>th</sup> FC
6	Dindigul	0.10	70	SBM(G), 15 <sup>th</sup> FC
7	Erode	0.10	70	SBM(G), 15 <sup>th</sup> FC
8	Kallakurichi	0.00	0	SBM(G), 15 <sup>th</sup> FC
9	Kancheepuram	0.10	70	SBM(G), 15 <sup>th</sup> FC
10	Kanniyakumari	0.00	0	SBM(G), 15 <sup>th</sup> FC
11	Karur	0.10	70	SBM(G), 15 <sup>th</sup> FC
12	Krishnagiri	0.05	35	SBM(G), 15 <sup>th</sup> FC
13	Madurai	0.10	70	SBM(G), 15 <sup>th</sup> FC
14	Mayiladuthurai	0.00	0	SBM(G), 15 <sup>th</sup> FC
15	Nagapattinam	0.00	0	SBM(G), 15 <sup>th</sup> FC
16	Namakkal	0.10	70	SBM(G), 15 <sup>th</sup> FC
17	Perambalur	0.00	0	SBM(G), 15 <sup>th</sup> FC
18	Pudukottai	0.00	0	SBM(G), 15 <sup>th</sup> FC
19	Ramnad	0.05	35	SBM(G), 15 <sup>th</sup> FC
20	Ranipet	0.10	70	SBM(G), 15 <sup>th</sup> FC
21	Salem	0.15	105	SBM(G), 15 <sup>th</sup> FC
22	Sivagangai	0.10	70	SBM(G), 15 <sup>th</sup> FC
23	Tenkasi	0.00	0	SBM(G), 15 <sup>th</sup> FC
24	Thanjavur	0.05	35	SBM(G), 15 <sup>th</sup> FC
25	The Nilgiris	0.00	0	SBM(G), 15 <sup>th</sup> FC
26	Theni	0.10	70	SBM(G), 15 <sup>th</sup> FC
27	Thoothukudi	0.10	70	SBM(G), 15 <sup>th</sup> FC
28	Tiruchirappalli	0.10	70	SBM(G), 15 <sup>th</sup> FC
29	Tirunelveli	0.05	35	SBM(G), 15 <sup>th</sup> FC
30	Tirupattur	0.05	35	SBM(G), 15 <sup>th</sup> FC
31	Tiruppur	0.10	70	SBM(G), 15 <sup>th</sup> FC
32	Tiruvallur	0.10	70	SBM(G), 15 <sup>th</sup> FC
33	Tiruvannamalai	0.05	35	SBM(G), 15 <sup>th</sup> FC
34	Tiruvarur	0.00	0	SBM(G), 15 <sup>th</sup> FC
35	Vellore	0.05	35	SBM(G), 15 <sup>th</sup> FC
36	Villupuram	0.05	35	SBM(G), 15 <sup>th</sup> FC
37	Virudhunagar	0.05	35	SBM(G), 15 <sup>th</sup> FC
<b>TOTAL</b>		<b>2.21</b>	<b>1,575.00</b>	

Table 1 UGSS (Under Implementation)

Sl. No	Location	Cost in Crore	Source of Fund
1	Chennai CMWSSB (Nerkundram, Manali, Chinnasekkadu, Karambakkam, Manapakkam, Mugalivakkam, Ramapuram, Pallikaranai, Nandhambakkam, Madipakkam)	1032.44	AMRUT 2.0/Chennai Megacity Development Mission (CMCDM), MIDF loan
2	Ambur	165.55	AMRUT 2.0/Asian Development Bank (ADB)
3	Rameshwaram	52.60	AMRUT 2.0
4	Vellore	637.46	AMRUT 2.0/ ADB
5	Ponneri	54.78	Integrated Urban Development Mission (IUDM)
6	Pammal & Anagaputhur	211.15	CRRT (Chennai River Restoration Trust)
7	Tindivanam	268.00	IUDM/HUDCO Loan
8	Villupuram Added area	263.00	IUDM/HUDCO Loan
	<b>Total</b>	<b>2684.98</b>	

Table 2 UGSS (Sanctioned)

Sl. No	Location	Cost in Crore	Source of Fund
1	Chennai CMWSSB (Okkium-Thoraipakkam, Kottivakkam, Palavakkam, Neelankarai, Injambakkam, Uthandi, Thousand lights – Area IX, left out areas of Madhavaram GCC, Edyanchavadi, Sadayankuppam, Kadapakkam, Semmancheri, Annai Sathiya Nagar, Sivanandha Colony, MKB Colony and patavatamman insdustrial estate and tiny shed in GCC)	2242.01	External Aided projects (EAP)/ MIDF loan/Singara Chennai
2	Salem	548.00	AMRUT 2.0/ EAP
3	Coimbatore (Left out area earst while corporation added areas of Gowdampalayam, Vadavalli, Thudiyalur, Veerakeralam, Vellakinaru, Chinnavedanpatti, Saravanampatti)	1317.14	AMRUT 2.0/ EAP
4	Trichy	180.00	AMRUT 2.0/ EAP

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5	Thoothukudi	150.00	AMRUT 2.0/ EAP
6	Tiruppur	200.00	AMRUT 2.0/ EAP
7	Cuddalore	100.00	AMRUT 2.0/ EAP
8	Pudukottai	60.00	AMRUT 2.0/ EAP
9	Avadi	150.00	AMRUT 2.0/ EAP
10	Karaikudi	66.00	AMRUT 2.0/ EAP
11	Dindigul	80.00	AMRUT 2.0/ EAP
12	Hosur	575.38	AMRUT 2.0/ EAP
13	Tiruvannamalai	142.75	AMRUT 2.0/ EAP
14	Madurai Corporation	515.00	AMRUT 2.0/ EAP
	<b>Total</b>	<b>6326.28</b>	