



TAMIL NADU POLLUTION CONTROL BOARD



From Dr.Jayanthi.M, I.F.S., Chairperson, Tamil Nadu Pollution Control Board, 76, Mount Salai Guindy, Chennai-600 032.	To The Additional Chief Secretary to Govt., Environment, Climate Change and Forest Department, Government of Tamil Nadu, Secretariat, Chennai- 600 009.
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Lr.No.TNPCB/DDL/F-6849/PRS-MPR/2019/dated:18.02.2025.

Sir,

Sub: TNPCB-Submission of Revised Monthly Progress Report for the month of **November 2024** -Regarding.

Ref: 1) CPCB Lr.No.F.No.A-14011/OA 673/2020-WQM-I/ 12178/
dt.04.02.2020.

2) T.O.Lr.No.TNPCB/DDL/F.6849/PRS/2019 dated:07.12.2024.

With reference to the Government of India's letter 1st cited, I submit herewith monthly progress report on action plans for the Polluted River Stretches in Tamil Nadu for the month of **November 2024** for kind perusal.

I request that the above report may kindly be forwarded to the Executive Director-Technical, National Mission for Clean Ganga, Ministry of Jal Shakthi, Government of India with a copy marked to Central Pollution Control Board, New Delhi.

This is submitted for favour of kind information and necessary action please.

Encl: As above

Sd/-
Dr.Jayanthi.M,
Chairperson

//Forwarded by Order//

Joint Chief Environment Engineer
(WQMD)

Advance Copy to:

- ✓ The Executive Director-Technical, NMCG, (Ministry of Jal Shakthi, Department of Water Resources, River Development & Ganga Rejuvenation, Government of India), First floor, Major Dhyan Chand National Stadium, India Gate, New Delhi -110 002 (we)

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

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Monthly Progress Report in the NGT Matter
OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020)

Month: NOVEMBER 2024.

Overall status of the State:

- I.** Total Population:91.00 million
 - Urban Population: 39.65 million
 - Rural Population: 51.35 million
- II.** a. Estimated Sewage Generation (MLD): 5499.242 MLD (State)
- III.**b. Estimated Sewage Generation (MLD): 492.46 MLD (PRS)

IV. Details of Sewage Treatment Plant:

S.No.	Details of Sewage Treatment Plant	State	PRS
1.	Existing No. of STPs and Treatment Capacity (in MLD)	110 2450.980	18 317.16
2.	Existing No. of FSTP and Capacity (in MLD)	45 1.189	6 0.06
3.	Sewage being treated through Alternate technology (MLD)	1094.750	1.56
4.	Sub-total	3546.919	318.78
5.	Under Construction STPs & FSTPs	324.840	-
6.	Total	3871.759	
7.	Gap in Treatment Capacity in MLD	1627.483	173.68
8.	Capacity Utilization of existing STPs & FSTPs & Alternate Technology	2323.649	160.81
9.	No. of Operational STPs	105	18
10.	No. of Complying STPs	105	18
11.	Not in operation /No. of Non-complying STPs	5	NIL

Note: The Utilization Capacity of 105 STPs, 45 FSTPs and alternate technology which are being adopted in Rural Panchayats in the State is 65.51 % ie. $\frac{(2323.649 \times 100)}{3546.919}$

Details of each existing STPs in Tamil Nadu& PRS

No.	Location	Existing STP Capacity (MLD)	Capacity being utilized (MLD)	Operational Status of STP	Compliance Status of STP
	CMWSSB				
I	Cooum River	226.20	194.39		
1.	Koyambedu STP Zone – III	34	32.94	Operation	Complied
2.	Koyambedu STP Zone – III	60	59.99	Operation	Complied
3.	Koyambedu STP Zone – III	120	91.85	Operation	Complied
4.	CRRT - Chetpet MSTP	1.0	0.58	Operation	Complied
5.	CRRT- Nungambakkam MSTP	1.2	0.99	Operation	Complied
6.	CRRT – Langs Garden TTUF	10	8.04	Operation	Complied

	Adyar River	181.6	106.97		
7	Nesapakkam STP Zone –IV	40	23.03	Operation	Complied
8	Nesapakkam STP Zone IV	54	45.30	Operation	Complied
9	Nesapakkam STP Zone -IV	50	34.80	Operation	Complied
10	Nesapakkam TTUF	10	-	Under Maintenance	Complied
11	CRRT - Todd Hunter Nagar MSTP	4	3.25	Operation	Complied
12	CRRT -Kotturpuram MSTP	0.6	0.59	Operation	Complied
13	Nesapakkam STP Zone –IV	23	0	Non operational – Under study for Rehab	Not Complied
III	Buckingham Canal	745	394.83		
14	Kodungaiyur STP Zone – II New	120	117.95	Operation	Complied
15	Kodungaiyur STP Zone – I New	120	104.61	Operation	Complied
16	Perungudi STP Zone – V New	60	33.73	Operation	Complied
17	Perungudi STP Zone-V	54	53.63	Operation	Complied
18	Perungudi STP Zone-V	60	58.74	Operation	Complied
19	Sholinganallur STP (phase I)	18	19.23	Operation	Complied
20	Thiruvottriyur STP	31	6.94	Operation	Complied
21	Kodungaiyur STP Zone I & II	110	0	Non- operational – Flow diverted to 2*120 MLD	Not Complied
22	Kodungaiyur STP Zone II	80	0	Non- Operational under rehab	Not Complied
23	Kodungaiyur STP Zone I	80	0		Not Complied
24	Perungudi STP Zone-V	12	0	Non- Operational under rehab	Not Complied
	Total – 24 Nos.	1152.8	696.19		
DMA					
25	Coimbatore- Ukkadam	70.0	35.0	Operation	Complied
26	Coimbatore- Ondiputhur	60.0	3.0	Operation	Complied
27	Coimbatore- Nanjudapuram	40.0	10.0	Operation	Complied
28	Coimbatore- Kuruchi & Kuniyamuthur	30.53	4.00	Under trial run	Partially Complied
29	Vellore	10.28	8.0	Operation	Complied
30	Dindigul	13.65	4.0	Operation	Complied
31	Avadi	36.0	8.00	Operation	Complied
32	Avadi	4.0	2.00	Operation	Complied
33	Madurai-1	125.0	24.0	Operation	Complied

34	Madurai-2	45.70	15.0	Operation	Complied
35	Thanjavur	28.05	14.00	Operation	Complied
36	Tiruppur	15.0	8.50	Operation	Complied
37	Tiruppur (Expansion of existing STP)	15.0	-	Under trial run	Partially Complied
38	Tiruppur (Sarkarperiyapalayam)	36.0	-	Under trial run	Partially Complied
39	Tiruppur (Chinnandipalayam)	20.0	-	Under trial run	Partially Complied
40	Cuddalore	12.25	6.70	Operation	Complied
41	Kanchipuram	14.70	14.70	Operation	Complied
42	Maraimalai Nagar	2.20	2.20	Operation	Complied
43	Tiruvallur	6.20	5.50	Operation	Complied
44	Chidambaram	9.44	7.60	Operation	Complied
45	Thiruvannamalai	8.70	5.25	Operation	Complied
46	Viluppuram – Kakuppam	9.0	8.00	Operation	Complied
47	Viluppuram -Erumanthangal	3.50	2.50	Operation	Complied
48	Arakkonam	11.04	4.0	Operation	Complied
49	Thirupathur	11.43	4.0	Operation	Complied
50	Bodinayakkanur	12.08	5.50	Operation	Complied
51	Chinnamanur	3.99	3.72	Operation	Complied
52	Periyakulam	5.47	4.0	Operation	Complied
53	Ramanathpuram	7.0	6.50	Operation	Complied
54	Rasipuram	6.96	3.50	Operation	Complied
55	Theni-Allinagaram	12.05	9.50	Operation	Complied
56	Sivagangai	4.92	3.50	Operation	Complied
57	Dharmapuri	4.86	3.90	Operation	Complied
58	Karur	15.0	6.50	Operation	Complied
59	Krishnagiri	12.34	8.0	Operation	Complied
60	Namakkal	7.0	6.20	Operation	Complied
61	Nagapattinam STP-1	9.63	5.10	Operation	Complied
62	Nagapattinam STP-2	2.69	1.10	Operation	Complied
63	Tiruvarur	6.92	4.10	Operation	Complied
64	Ariyalur	4.16	2.10	Operation	Complied
65	Pudukkottai	10.62	8.50	Operation	Complied
66	Perambalur	4.20	3.60	Operation	Complied
67	Udhagamandalam	5.0	4.0	Operation	Complied

68	Udumalaipet	7.81	4.85	Operation	Complied
69	Virudhunagar	7.65	3.80	Operation	Complied
70	Tambaram	30.0	14.0	Operation	Complied
71	Tuticorin	28.0	9.0	Operation	Complied
72	Thiruchendur	3.90	2.0	Operation	Complied
73	Ulundurpet	3.15	0.67	Under trial run	Partially Complied
74	Pollachi	11.25	2.90	Under trial run	Partially Complied
75	Sattur	4.65	1.50	Under trial run	Partially Complied
76	Karaikudi	16.0	0.50	Under trial run	Partially Complied
77	Nagercoil	17.66	-	Under trial run	Partially Complied
78	Rajapalayam	21.85	6.60	Operation	Complied
79	PRS -Tiruchirappalli	58.0	58.0	Operation	Complied
80	Tiruchirappalli – STP 2	37.0	-	Under trial run	Partially Complied
81	Salem - Vellakuttai STP	13.0	12.0	Operation	Complied
82	Salem - Anaimeedu STP	6.0	5.0	Operation	Complied
83	Salem - Mankuttai STP	35.0	29.0	Operation	Complied
84	Salem - Vandipettai STP	44.0	1.0	Operation	Complied
85	Tirunelveli	24.20	10.50	Operation	Complied
86	Erode	50.55	25.0	Operation	Complied
87	Mettur STP-1	0.82	0.354	Operation	Complied
88	Mettur STP-2	1.92	0.314	Operation	Complied
89	Mettur STP-3	5.45	2.834	Operation	Complied
90	Kumbakonam	17.0	13.50	Operation	Complied
91	Mayiladuthurai	5.85	5.85	Operation	Complied
92	Sathiyamanagalam	4.08	1.0	Operation	Complied
93	Mettupalayam	8.65	0.70	Operation	Complied
94	Ambur	16.71	8.0	Under trial run	Partially Complied
	Total - 70 Nos.	1252.71	504.14		
	CTP				
95	Mamallapuram TP	2.34	2.34	Operation	Complied
96	Orathanadu TP	2.30	1.95	Operation	Complied
97	Palanichettypatti TP	2.80	2.80	Operation	Complied
98	Thirumazisai TP(PRS)	3.0	3.0	Operation	Complied
99	Velankanni TP	2.33	2.10	Operation	Complied

100	Manachanallur TP	6.41	1.85	Operation	Complied
101	S. kannanur TP				
102	Vallam TP	2.35	2.35	Operation	Complied
103	Perundurai TP	3.14	2.10	Operation	Complied
104	Melachokanathapuram TP	2.0	1.90	Operation	Complied
105	Sulur	2.17	0.80	Operation	Complied
106	Cheranmahadevi(PRS)	1.97	1.97	Operation	Complied
107	Patthamadai(PRS)	1.61	1.61	Operation	Complied
108	Sriperumbudur	8.50	1.03	Operation	Complied
109	Thiruporur	4.02	1.05	Operation	Complied
110	Melaseval(PRS)	0.53	0.53	Operation	Complied
	Total (16 Nos)	45.47	27.38		
Grand Total (110 Nos.)		2450.98	1227.71		

Details of existing FSTPs in Tamil Nadu

S.No.	Location	Existing STP Capacity MLD	Capacity Being Utilized MLD	Operational Status of STP	Compliance Status of STP
	DMA				
1	Kangeyam	0.02	0.02	Operation	Complied
2	Kovilpatti	0.04	0.04	Operation	Complied
3	Tirumangalam	0.04	0.04	Operation	Complied
4	Dharapuram	0.03	0.03	Operation	Complied
5	Sengottai	0.02	0.02	Operation	Complied
6	Thuraiyur	0.02	0.02	Operation	Complied
7	Vickramasingapuram	0.03	0.03	Operation	Complied
8	Edappadi	0.03	0.03	Operation	Complied
9	Kadayanallur	0.04	0.04	Operation	Complied
10	Pattukottai	0.03	0.03	Operation	Complied
11	Tiruchengode	0.04	0.04	Operation	Complied
12	Melur	0.02	0.02	Operation	Complied
13	Ambasamuduram	0.03	0.03	Operation	Complied
14	Mannargudi	0.03	0.03	Operation	Complied
15	Aruppukottai	0.04	0.04	Operation	Complied

16	Sankarankoil	0.03	0.03	Operation	Complied
17	Vandavasi	0.02	0.02	Operation	Complied
18	Gudiyatham	0.03	0.03	Operation	Complied
19	Tenkasi	0.04	0.04	Operation	Complied
20	Paramakudi	0.04	0.04	Operation	Complied
21	Srivilliputhur	0.03	0.03	Operation	Complied
22	Cumbum	0.04	0.04	Operation	Complied
23	Koothanallur	0.02	0.02	Operation	Complied
24	Thiruthuraipoondi	0.01	0.01	Operation	Complied
25	Puliangudi	0.04	0.04	Operation	Complied
26	Kulithalai	0.02	0.02	Operation	Complied
27	Attur	0.04	0.04	Operation	Complied
28	Sirkali	0.02	0.02	Operation	Complied
29	Vedaranyam	0.02	0.02	Operation	Complied
30.	Jayakondan	0.02	0.02	Operation	Complied
31.	Aranthangi	0.02	0.02	Operation	Complied
32.	Coonoor	0.01	0.01	Operation	Complied
33.	Virudhachalam	0.04	0.04	Operation	Complied
34.	Chengalpattu	0.03	0.03	Operation	Complied
35.	kuzhithurai	0.02	0.02	Operation	Complied
	Total 35 FSTPs	1.0	1.0		
	CTP				
36.	Karunguzhi	0.024	0.024	Operation	Complied
37.	Periyanaikanpalayam	0.050	0.050	Operation	Complied
38.	Chengam TP	0.020	0.020	Operation	Complied
39.	Alangayam TP	0.015	0.015	Operation	Complied
40.	Mudukulathur	0.015	0.015	Operation	Complied
41.	Jalakandapuram	0.015	0.013	Operation	Complied
42.	Kurumbalur TP	0.010	0.009	Trial Run	Partially Complied
43.	Pennadam TP	0.010	0.005	Trial Run	Partially Complied
44	Pennagaram	0.015	0.005	Trial Run	Partially Complied
45	Kaveripattinam TP	0.015	0.005	Trial Run	Partially Complied
	Total (10 Nos)	0.189	0.161		
	Grand Total (45 Nos)	1.189	1.161		

Details of under construction STPs in Tamil Nadu

S.No.	Location		Capacity of the plant (MLD)	Physical Progress in %	Completion Timeline	
CMWSSB						
1	Sholinganallur STP (Phase II)		54	96.50	Jan 2025 (36 +18) 18 MLD trial run is under progress	
2.	Perungudi TTUF		10	89.50	March 2025(Under Retender)	
3.	Villivakkam TTUF		5	26.20	Dec 2025	
Total (3 Nos.)			69			
DMA						
4.	Vellore		50.00	100	Trial run is to be commissioned	
5.	Rameshwaram		4.08	100	Trial run is to be commissioned	
6.	Ponneri		6.52	100	Trial run is to be commissioned	
7.	Pammal & Anagaputhur		27.00	90	Dec - 2024	
8.	Tindivanam		11.44	97	Dec - 2024	
9.	Trichy		100	10	-	
10.	Villupuram Added Area		4.56	Structural Design approved. Work will be commenced on shortly.		
Total (7 Nos.)			203.60			
CTP						
S.No	Location	STP / FSTPs	Capacity of the plant (MLD)	Physical progress in %	Completion Timeline	Treatment technology along with completion timelines
11.	Mukkudal(PRS)	STP	1.50	65%	31.12.2024	Sanctioned AS/TS on 21.03.2022. Work order issued. Works are in various stages.
12.	Gopalamudram (PRS)	STP	1.40	80%	31.12.2024	
13.	Kallidaikurichi (PRS)	STP	3.09	90%	31.12.2024	
14.	Veeravanallur (PRS)	STP	2.79	80%	31.12.2024	
15.	Naranammalpuram (PRS)	STP	0.01	70%	31.12.2024	
16.	Karunkuzhi	STP	1.00	5%	31.12.2025	Sanctioned AS on 04.03.2024. TS on 15.03.2024. Work order issued. Works are in various stages.
17.	Chengam	STP	1.00	10%	31.12.2025	
18.	Alangayam	STP	1.00	10%	31.12.2025	
19.	Karimangalam	STP	1.00	10%	31.12.2025	
20.	Pennagaram	STP	1.00	10%	31.12.2025	
21.	Udayarpalayam	STP	1.00	10%	31.12.2025	
22.	Kurumbalur	STP	1.00	10%	31.12.2025	
23.	Mudukulathur	STP	1.00	10%	31.12.2025	

24.	Pennadam	STP	2.00	10%	31.12.2025	
25.	Thirukalukundram	STP cum FSTP	2.02	5%	31.12.2025	Sanctioned AS on 04.03.2024. TS on 15.03.2024. Work order issued. Works are in various stages.
26.	Pudhuvayal		1.01	5%	31.12.2025	
27.	Iluppur		1.01	5%	31.12.2025	
28.	T. Kallupatti		1.01	5%	31.12.2025	
29.	Peraiyur		1.01	20%	31.12.2025	
30.	Thiruvaiyaru(PRS)		1.01	35%	31.12.2025	
31.	Polur	STP cum FSTP	2.01	Work order issued on 02.12.24. Work is to be started.		
32.	Kannamanagalam		1.01	Work order issued on 02.12.24. Work is to be started.		
33.	Veeraganur		1.01	Tender Received. Tender Evaluation work under progress		
34.	Modakurichi		1.01	Work order issued on 12.11.24. Work is to be started.		
35.	Muthur		1.01	Work order issued on 19.11.24. Work is to be started.		
36.	Veerapandi		2.01	Retender Called on 23.12.2024		
37.	Srimushnam		1.01	Tender Received. Tender Evaluation work under progress		
38.	Marakkanam		1.01	Work order issued on 25.11.24. Work is to be started.		
39.	Thiruvennainallur		1.01	Work order issued on 20.11.24. Work is to be started.		
40.	Sankarapuram		2.01	Work order issued on 25.11.24. Work is to be started.		
41.	Kattupudur		1.01	Work order issued on 26.11.24. Work is to be started.		
42.	Thathaiyangarpet		1.01	Work order issued on 06.12.24. Work is to be started.		
43.	Ponnampatti		1.01	Work order issued on 26.11.24. Work is to be started.		
44.	Kallakudi		1.01	Work order issued on 5.12.24. Work is to be started.		
45.	Mettupalayam		1.01	Work order issued on 5.12.24. Work is to be started.		
46.	P.J.Cholapuram		1.01	Work order issued on 6.12.24. Work is to be started.		
47.	Alanaganallur		1.01	Retender called on 18.12.2024		
48.	Elumalai		2.01	Work order issued on 26.11.24. Work is to be started.		
49.	Ilayangudi		1.01	Work order issued on 29.11.24. Work is to be started.		
50.	Kanadukathan	STP	1.01	Work order issued on 29.11.24. Work is to be started.		

51.	Yethapur (PRS)	cum FSTP	1.01	Work order issued on 12.11.24. Work is to be started.
52.	Labbaikudikadu		1.01	Tender Received. Tender Evaluation work under progress
Total (42 Nos.)			52.08	
Grand Total (52 Nos.)			324.68	

Details of under construction FSTPs in Tamil Nadu

Sl.No.	Location	Capacity of the plant (MLD)	Physical Progress in %	Completion Timeline
	DMA			
1	Padmanabhapuram	0.02	75	Tender cancelled
2	Gudalur	0.02	95	Dec - 2024
3	Walajapet	0.03	32	Tender cancelled
4	Keelakarai	0.02	93	Dec - 2024
5	Sivakasi	0.04	58	Dec - 2024
6	Vaniyambadi	0.03	63	Dec- 2024
Total 6		0.16		
Grand Total (6 Nos)		0.16		

Details of Proposed STPs in the State & PRS

S. No	Name of the Project	No of STPs	STP/FSTPs Capacity (in MLD)	DPR status
	DMA			
1	Coimbatore (3 added area)	1	9.95	Work order issued on 22.11.2024
2	Hosur -1	2	32.65	Work order issued on 22. 11.2024
3.	Hosur -2			
4.	Tirunelveli	1	58	STP: Re- tender called for.
5.	Karur	1	18.45	Letters sent to TNUIFSL to appoint consultant for upgrading the DPR.
6	Mannargudi	1	10.05	Work order issued on 22.11.2024
7	Arupukottai	1	13.24	Work order issued on 22.11.2024
8	Maraimalai Nagar - 1	2	15.92	Price bid opened on 17.10.2024 other works are under progress.
9	Maraimalai Nagar - 2			
10	Chengalpattu	1	11.35	Price bids opened on 13.11.2024 and are under scrutiny.
11	Palani	1	12.88	W.O issued on 19.11.2024. Draft agreement submitted to TNUIFSL on 23.10.2024.
12	Poonamalae, Thiruverkadu & Mangadu	1	80.91	Bid document under preparation

13	Cuddalore	1	12.59	W.O issued on 09.10.2024.
14	Dindigul -1	2	17.80	Work order issued 01.10.2024.
15	Dindigul -2			
16	Kancheepuram	1	30.00	Work order issued 26.09.2024.
17	Thiruvannamalai	1	13.40	Work order issued 06.06.2024.
18	Pudukottai	1	10.80	Work order issued 30.08.2024. Draft agreement approved
19	Namakkal	1	11.23	Work order issued 05.09.2024. Draft agreement approved
20.	Dharmapuri	1	5.21	W.O issued on 10.12.2024.
21.	Mayiladuthurai	1	9.37	LOA issued on 28.11.2024. W.O will be issued on 12.12.2024
	Total	21	373.8	

CTP						
Location		STP/ FSTPs	STP/FSTPs Capacity MLD	Status of project	Treatment Technology	Remarks
22	Sirugamani TP(PRS)	STP	0.84	DPR Stage	-	DPR is under preparation by WAPCOS / PWD.
23	Mohanur TP(PRS)		0.55	DPR Stage		
24	Velur TP(PRS)		1.19	DPR Stage		
25	Bhavani sagar TP(PRS)		0.90	DPR Stage		
26	Madathukulam TP(PRS)		0.50	DPR Stage		
27	Omalur TP(PRS)		1.16	DPR Stage		
28	Poolampatty TP(PRS)		0.16	DPR Stage		
29	Kuthalam TP(PRS)		0.10	DPR Stage		
30	Thirukattupalli TP (PRS)		0.01	DPR Stage		
31	Pethanaickenpalayam TP (PRS)	STP	2.10	Completed	-	Tamil Nadu Water Investment Company (M/s. TWIC) has been appointed as consultant for preparation of DPR. DPR submitted on 15.02.2022 by TWIC and is under scrutiny.
32	Belur TP(PRS)		1.71	Completed		
33	Srivaikundam TP(PRS)		1.15	Completed		
34	Authoor TP(PRS)		0.20	Completed		
35	Eral TP(PRS)		0.55	Completed		
36	Alwarthirunagari TP(PRS)		0.60	Completed		
37	Then Thiruperai TP(PRS)		0.03	Completed		
38	Arumuganeri TP(PRS)		0.01	Completed		
39	Panapakkam		1.01	Completed		
40	Bargur		2.01	Completed		

41	Denkanikottai		2.01	Completed		
42	Erumaipatti		1.01	Completed		
43	Namagiripettai					
44	R. Pudupatti		2.01	Completed		
45	Seerapalli					
46	Senthamanagalam		3.01	Completed	Constructed Wet land	Sanctioned in 9 th SBM (U) 2.0 SLTC held on 22.11.2024.
47	Kelamangalam					
48	Vennanthur		2.01	Completed		
49	Athanur					
50	Odaiyakulam		2.01	Completed		
51	Anaimalai		Clustered			
52	Sarkarsamakulam		1.01	Completed		
53	Chettipalayam	STP cum FSTP	1.01	Completed	Constructed Wet land	Sanctioned in 9 th SBM (U) 2.0 SLTC held on 22.11.2024.
54	Suleeswaranpatti		2.01	Completed		
55	Zamin Uthukuli		2.01	Completed		
56	Ananthapuram		1.01	Completed		
57	Poolambadi		1.01	Completed		
58	Varatharajanpettai		1.01	Completed		
	Total (37)		35.91			
	Grand Total 58 Nos		409.71			

Sewage Treatment through Alternate Technology – Directorate of Town Panchayats

DTP - Filter Beds in Drains			
Sl.No	Name of the District	Name of the Town Panchayat	Capacity (MLD)
1	Ranipet	Panapakkam	0.25
2	Salem	Jalakandapuram	0.25
3	Salem	Ilampillai	0.25
4	Dindigul	Nilakkottai	0.25
5	Dindigul	Vedasandur	0.25
6	Theni	Andipatti Jakkampatti	0.25
7	Theni	Hanumanthampatti	0.25
8	Theni	Pudupatti	0.25
9	Theni	Uthamapalayam	0.25
10	Theni	Thenkarai	0.25
11	Theni	Vadugapatti	0.25
12	Theni	Kamayagoundanpatti	0.25
Sub Total			3.00

INDIVIDUAL SOAK PITS				
Sl. No.	Name of the District	Name of the Town Panchayat	No. of Individual Soak Pits	Capacity (MLD)
1	Kanyakumari	Agastheeswaram	1258	0.38
2	Kanyakumari	Alagappapuram	681	0.21
3	Kanyakumari	Anjugrammam	1321	0.40
4	Kanyakumari	Aralvaimozhi	364	0.11
5	Kanyakumari	Arumanai	1532	0.46
6	Kanyakumari	Athur	1895	0.57
7	Kanyakumari	Azhagiapandipuram	882	0.27
8	Kanyakumari	Boothapandi	192	0.06
9	Kanyakumari	Edaicode	1736	0.52
10	Kanyakumari	Eraniel	2066	0.62
11	Kanyakumari	Ganapathipuram	1421	0.43
12	Kanyakumari	Kadayal	1923	0.58
13	Kanyakumari	Kaliyakkavilai	1558	0.47
14	Kanyakumari	Kallukuttam	4376	1.32
15	Kanyakumari	Kanniyakumari	4015	1.21
16	Kanyakumari	Kappiyarai	82	0.02
17	Kanyakumari	Karungal	3794	1.15
18	Kanyakumari	Keezhkulam	2999	0.91
19	Kanyakumari	Killiyoor	4706	1.42
20	Kanyakumari	Kothanallur	4546	1.37
21	Kanyakumari	Kottaram	985	0.30
22	Kanyakumari	Kulasekaram	2518	0.76
23	Kanyakumari	Kumarapuram	4338	1.31
24	Kanyakumari	Manavalakurichi	2667	0.81
25	Kanyakumari	Mandaikadu	2345	0.71
26	Kanyakumari	Marungur	705	0.21
27	Kanyakumari	Mulagumudu	3666	1.11
28	Kanyakumari	Mylaudy	524	0.16
29	Kanyakumari	Nalloor	3220	0.97
30	Kanyakumari	Neyyoor	1488	0.45
31	Kanyakumari	Pacode	3458	1.05
32	Kanyakumari	Palappallam	3312	1.00
33	Kanyakumari	Palugal	1182	0.36
34	Kanyakumari	Ponmanai	834	0.25

35	Kanyakumari	Puthalam	149	0.05
36	Kanyakumari	Puthukkadai	1640	0.50
37	Kanyakumari	Reethapuram	5272	1.59
38	Kanyakumari	Suchindrum	1078	0.33
39	Kanyakumari	Thazhakudy	158	0.05
40	Kanyakumari	Thenthamaraikulam	1189	0.36
41	Kanyakumari	Therur	125	0.04
42	Kanyakumari	Thingalnagar	4230	1.28
43	Kanyakumari	Thirparappu	4236	1.28
44	Kanyakumari	Thiruvattar	1528	0.46
45	Kanyakumari	Thiruvithancode	2979	0.90
46	Kanyakumari	Unnamalaikadai	3492	1.06
47	Kanyakumari	Valvaithankoshtam	5180	1.57
48	Kanyakumari	Vellimalai	3225	0.98
49	Kanyakumari	Verkilambi	920	0.28
50	Kanyakumari	Vilavur	3157	0.95
51	Kanyakumari	Villukuri	3676	1.11
Sub Total				34.72

Community Soak Pits				
Sl. No.	Name of the District	Name of the Town Panchayat	No. of Community Soak Pits	Capacity (MLD)
1	Dharmapuri	Harur	9	0.18
2	Dharmapuri	Kadathur	2	0.05
3	Dharmapuri	Kambainallur	6	0.12
4	Dharmapuri	Kariamangalam	3	0.06
5	Dharmapuri	Marandahalli	4	0.08
6	Dharmapuri	Papparapatti	2	0.2
7	Dharmapuri	Pappireddipatti	3	0.06
8	Dharmapuri	Pennagaram	1	0.02
Sub Total			30	0.77
Grand Total				38.49

Available Infrastructures in Village Panchayats of Tamil Nadu

1. Kitchen Garden (KG)

S.No	Location	Kitchen Garden (nos)	Capacity in (MLD)
1	Ariyalur	21100	4.22
2	Chengalpet	33104	6.62
3	Coimbatore	50622	10.12
4	Cuddalore	178655	35.73
5	Dharmapuri	13464	2.69
6	Dindigul	151081	30.22
7	Erode	50025	10.01
8	Kallakurichi	52960	10.59
9	Kancheepuram	42149	8.43
10	Kanniyakumari	122648	24.53
11	Karur	61904	12.38
12	Krishnagiri	54204	10.84
13	Madurai	45129	9.03
14	Mayiladuthurai	69705	13.94
15	Nagapattinam	104904	20.98
16	Namakkal	151201	30.24
17	Perambalur	32126	6.43
18	Pudukottai	77039	15.41
19	Ramnad	17444	3.49
20	Ranipet	39883	7.98
21	Salem	226497	45.30
22	Sivagangai	169319	33.86
23	Tenkasi	21814	4.36
24	Thanjavur	310962	62.19
25	The Nilgiris	65	0.01
26	Theni	6014	1.20
27	Thoothukudi	113547	22.71
28	Tiruchirappalli	126689	25.34
29	Tirunelveli	74606	14.92
30	Tirupattur	12567	2.51
31	Tiruppur	138062	27.61
32	Tiruvallur	130930	26.19
33	Tiruvannamalai	211853	42.37
34	Tiruvarur	55305	11.06
35	Vellore	32501	6.50

36	Villupuram	62459	12.49
37	Virudhunagar	17734	3.55
TOTAL		30,80,271	616.05

2. Individual Soak Pits (ISP)

S.No	Location	ISP (nos)	Capacity in (MLD)
1	Ariyalur	13870	2.08
2	Chengalpet	23285	3.49
3	Coimbatore	51910	7.79
4	Cuddalore	61615	9.24
5	Dharmapuri	12940	1.94
6	Dindigul	17362	2.60
7	Erode	40949	6.14
8	Kallakurichi	22341	3.35
9	Kancheepuram	22157	3.32
10	Kanniyakumari	41091	6.16
11	Karur	38619	5.79
12	Krishnagiri	39371	5.91
13	Madurai	38415	5.76
14	Mayiladuthurai	14235	2.14
15	Nagapattinam	33702	5.06
16	Namakkal	47079	7.06
17	Perambalur	9003	1.35
18	Pudukottai	41170	6.18
19	Ramnad	53066	7.96
20	Ranipet	19020	2.85
21	Salem	72631	10.89
22	Sivagangai	39037	5.86
23	Tenkasi	18465	2.77
24	Thanjavur	42174	6.33
25	The Nilgiris	4944	0.74
26	Theni	9656	1.45
27	Thoothukudi	24173	3.63
28	Tiruchirappalli	51412	7.71
29	Tirunelveli	19468	2.92
30	Tirupattur	11782	1.77
31	Tiruppur	56626	8.49
32	Tiruvallur	50342	7.55
33	Tiruvannamalai	67750	10.16

34	Tiruvarur	198257	29.74
35	Vellore	25149	3.77
36	Villupuram	24120	3.62
37	Virudhunagar	28134	4.22
	TOTAL	13,85,320	207.80

3. Community Soak Pits (CSP)

S.No	Location	CSP (nos)	Capacity in (MLD)
1	Ariyalur	395	0.16
2	Chengalpet	390	0.16
3	Coimbatore	437	0.17
4	Cuddalore	1949	0.78
5	Dharmapuri	1931	0.77
6	Dindigul	1239	0.50
7	Erode	283	0.11
8	Kallakurichi	1422	0.57
9	Kancheepuram	915	0.37
10	Kanniyakumari	28	0.01
11	Karur	5248	2.10
12	Krishnagiri	2732	1.09
13	Madurai	2747	1.10
14	Mayiladuthurai	1727	0.69
15	Nagapattinam	3221	1.29
16	Namakkal	3081	1.23
17	Perambalur	275	0.11
18	Pudukottai	669	0.27
19	Ramnad	6191	2.48
20	Ranipet	440	0.18
21	Salem	4202	1.68
22	Sivagangai	5575	2.23
23	Tenkasi	1065	0.43
24	Thanjavur	6029	2.41
25	The Nilgiris	340	0.14
26	Theni	431	0.17
27	Thoothukudi	1261	0.50

28	Tiruchirappalli	1790	0.72
29	Tirunelveli	689	0.28
30	Tirupattur	756	0.30
31	Tiruppur	1353	0.54
32	Tiruvallur	1005	0.40
33	Tiruvannamalai	5554	2.22
34	Tiruvarur	3233	1.29
35	Vellore	1333	0.53
36	Villupuram	2626	1.05
37	Virudhunagar	1898	0.76
TOTAL		74,460	29.78

4. Vertical Filter Type (VE)

S.No	Location	VF (nos)	Capacity in (MLD)
1	Ariyalur	86	0.43
2	Chengalpet	37	0.19
3	Coimbatore	536	2.68
4	Cuddalore	59	0.30
5	Dharmapuri	124	0.62
6	Dindigul	533	2.67
7	Erode	118	0.59
8	Kallakurichi	421	2.11
9	Kancheepuram	64	0.32
10	Kannyakumari	54	0.27
11	Karur	144	0.72
12	Krishnagiri	430	2.15
13	Madurai	661	3.31
14	Mayiladuthurai	0	0.00
15	Nagapattinam	4	0.02
16	Namakkal	371	1.86
17	Perambalur	5	0.03
18	Pudukottai	937	4.69
19	Ramnad	508	2.54
20	Ranipet	11	0.06
21	Salem	699	3.50
22	Sivagangai	141	0.71
23	Tenkasi	201	1.01
24	Thanjavur	87	0.44
25	The Nilgiris	187	0.94

26	Theni	79	0.40
27	Thoothukudi	99	0.50
28	Tiruchirappalli	65	0.33
29	Tirunelveli	166	0.83
30	Tirupattur	49	0.25
31	Tiruppur	186	0.93
32	Tiruvallur	80	0.40
33	Tiruvannamalai	684	3.42
34	Tiruvarur	59	0.30
35	Vellore	87	0.44
36	Villupuram	430	2.15
37	Virudhunagar	574	2.87
TOTAL		8,976	44.88

5. Horizontal Filter Type

S. No	Location	HF (nos)	Capacity in (MLD)
1	Ariyalur	16	0.10
2	Chengalpet	18	0.11
3	Coimbatore	511	3.07
4	Cuddalore	284	1.70
5	Dharmapuri	81	0.49
6	Dindigul	128	0.77
7	Erode	329	1.97
8	Kallakurichi	123	0.74
9	Kancheepuram	133	0.80
10	Kanniyakumari	76	0.46
11	Karur	80	0.48
12	Krishnagiri	89	0.53
13	Madurai	75	0.45
14	Mayiladuthurai	64	0.38
15	Nagapattinam	19	0.11
16	Namakkal	113	0.68
17	Perambalur	56	0.34
18	Pudukottai	119	0.71
19	Ramnad	44	0.26
20	Ranipet	43	0.26
21	Salem	288	1.73
22	Sivagangai	22	0.13
23	Tenkasi	218	1.31

24	Thanjavur	21	0.13
25	The Nilgiris	140	0.84
26	Theni	108	0.65
27	Thoothukudi	53	0.32
28	Tiruchirappalli	392	2.35
29	Tirunelveli	191	1.15
30	Tirupattur	19	0.11
31	Tiruppur	32	0.19
32	Tiruvallur	62	0.37
33	Tiruvannamalai	288	1.73
34	Tiruvaarur	13	0.08
35	Vellore	106	0.64
36	Villupuram	95	0.57
37	Virudhunagar	257	1.54
Total		4706	28.24

6. 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
2	Chengalpet	0	0
3	Coimbatore	0	0
4	Cuddalore	1	0.1
5	Dharmapuri	0	0
6	Dindigul	66	6.6
7	Erode	31	3.1
8	Kallakurichi	11	1.1
9	Kancheepuram	0	0
10	Kanniyakumari	0	0
11	Karur	0	0
12	Krishnagiri	1	0.1
13	Madurai	2	0.2
14	Mayiladuthurai	1	0.1
15	Nagapattinam	4	0.4
16	Namakkal	0	0
17	Perambalur	0	0
18	Pudukottai	0	0

19	Ramnad	461	46.1
20	Ranipet	0	0
21	Salem	0	0
22	Sivagangai	2	0.2
23	Tenkasi	0	0
24	Thanjavur	0	0
25	The Nilgiris	0	0
26	Theni	14	1.4
27	Thoothukudi	0	0
28	Tiruchirappalli	0	0
29	Tirunelveli	1	0.1
30	Tirupattur	1	0.1
31	Tiruppur	0	0
32	Tiruvallur	1	0.1
33	Tiruvannamalai	147	14.7
34	Tiruvarur	0	0
35	Vellore	0	0
36	Villupuram	1	0.1
37	Virudhunagar	550	55
TOTAL		1,295	129.50

Proposed Infrastructures in Village Panchayats of Tamil Nadu
Individual Soak Pits (ISP)

S. No	Location	ISP (nos)	Capacity in (MLD)	Estimate Cost in Lakhs
1	Ariyalur	7495	1.12	1009.80
2	Chengalpet	14015	2.10	1880.16
3	Coimbatore	6965	1.04	963.76
4	Cuddalore	19298	2.89	2695.16
5	Dharmapuri	8341	1.25	1139.32
6	Dindigul	9934	1.49	1360.52
7	Erode	11665	1.75	1522.96
8	Kallakurichi	12036	1.81	1672.64
9	Kancheepuram	9748	1.46	1320.20
10	Kanniyakumari	3004	0.45	410.84
11	Karur	5283	0.79	719.36
12	Krishnagiri	13163	1.97	1762.92
13	Madurai	12205	1.83	1697.40
14	Mayiladuthurai	6938	1.04	938.00

15	Nagapattinam	8258	1.24	1123.36
16	Namakkal	13284	1.99	1772.56
17	Perambalur	3333	0.50	465.96
18	Pudukottai	17462	2.62	2370.92
19	Ramnad	14104	2.12	1929.88
20	Ranipet	8669	1.30	1198.64
21	Salem	17179	2.58	2274.68
22	Sivagangai	18810	2.82	2580.60
23	Tenkasi	6233	0.93	863.98
24	Thanjavur	18512	2.73	2548.84
25	The Nilgiris	870	0.13	121.80
26	Theni	3699	0.55	514.24
27	Thoothukudi	9836	1.48	1294.76
28	Tiruchirappalli	11174	1.68	1534.54
29	Tirunelveli	11351	1.70	1585.60
30	Tirupattur	20024	3.00	2515.36
31	Tiruppur	8214	1.23	1132.08
32	Tiruvallur	22866	3.43	3036.24
33	Tiruvannamalai	24171	3.63	3378.92
34	Tiruvaarur	13511	2.03	1859.68
35	Vellore	7010	1.05	977.60
36	Villupuram	20636	3.10	2858.64
37	Virudhunagar	14123	2.12	1943.08
TOTAL		4,33,419	65.01	58,975.00

Community Soak Pits (CSP)

S.No	Location	CSP (nos)	Capacity in (MLD)	Estimate Cost in Lakhs
1	Ariyalur	1205	0.48	193.38
2	Chengalpet	1830	0.73	301.27
3	Coimbatore	943	0.38	160.88
4	Cuddalore	3471	1.39	563.98
5	Dharmapuri	2633	1.05	411.32
6	Dindigul	1452	0.58	241.05
7	Erode	1075	0.43	178.08
8	Kallakurichi	2401	0.96	397.84
9	Kancheepuram	1545	0.62	248.01
10	Kanniyakumari	368	0.15	62.56
11	Karur	1018	0.41	162.49

12	Krishnagiri	2339	0.94	392.93
13	Madurai	2719	1.09	442.23
14	Mayiladuthurai	1995	0.80	314.01
15	Nagapattinam	1482	0.59	241.76
16	Namakkal	2024	0.81	296.54
17	Perambalur	640	0.26	107.35
18	Pudukottai	3267	1.31	521.00
19	Ramnad	2949	1.18	485.00
20	Ranipet	2176	0.87	342.78
21	Salem	2483	0.99	399.35
22	Sivagangai	2717	1.09	452.97
23	Tenkasi	1177	0.47	186.81
24	Thanjavur	3077	1.23	521.78
25	The Nilgiris	324	0.13	172.82
26	Theni	680	0.27	115.18
27	Thoothukudi	1924	0.77	299.57
28	Tiruchirappalli	1616	0.65	251.05
29	Tirunelveli	2070	0.83	340.89
30	Tirupattur	937	0.37	166.52
31	Tiruppur	1087	0.43	185.14
32	Tiruvallur	2890	1.16	492.66
33	Tiruvannamalai	4037	1.61	670.92
34	Tiruvarur	2428	0.97	406.48
35	Vellore	1172	0.47	194.94
36	Villupuram	3952	1.58	661.91
37	Virudhunagar	2612	1.04	428.08
TOTAL		72,715	29.09	12,011.52

Vertical Filter Type (VF)

S.No	Location	VF (nos)	Capacity in (MLD)	Estimate Cost in Lakhs
1	Ariyalur	47	0.24	63.12
2	Chengalpett	116	0.58	156.74
3	Coimbatore	130	0.65	206.48
4	Cuddalore	35	0.18	52.10
5	Dharmapuri	307	1.54	437.75
6	Dindigul	276	1.38	405.89
7	Erode	28	0.14	40.60
8	Kallakurichi	291	1.46	454.51

9	Kancheepuram	94	0.47	128.96
10	Kanniyakumari	14	0.07	28.13
11	Karur	46	0.23	70.86
12	Krishnagiri	348	1.74	506.77
13	Madurai	77	0.39	123.20
14	Mayiladuthurai	16	0.08	23.52
15	Nagapattinam	16	0.08	23.52
16	Namakkal	368	1.84	574.39
17	Perambalur	8	0.04	11.76
18	Pudukottai	129	0.65	176.24
19	Ramnad	108	0.54	178.39
20	Ranipet	61	0.31	85.66
21	Salem	219	1.10	319.91
22	Sivagangai	45	0.23	67.95
23	Tenkasi	109	0.55	186.89
24	Thanjavur	98	0.49	150.55
25	The Nilgiris	81	0.41	216.84
26	Theni	28	0.14	43.50
27	Thoothukudi	97	0.49	132.69
28	Tiruchirappalli	53	0.27	74.75
29	Tirunelveli	43	0.22	61.12
30	Tirupattur	22	0.11	31.76
31	Tiruppur	126	0.63	177.50
32	Tiruvallur	46	0.23	66.31
33	Tiruvannamalai	70	0.35	102.55
34	Tiruvaarur	88	0.44	124.37
35	Vellore	38	0.19	104.30
36	Villupuram	462	2.31	679.26
37	Virudhunagar	241	1.21	362.30
TOTAL		4,381	21.91	6651.14

4. Horizontal Filter Type

S.No	Location	HF (nos)	Capacity in (MLD)	Estimate Cost in Lakhs
1	Ariyalur	47	0.24	63.12
2	Chengalpet	116	0.58	156.74
3	Coimbatore	130	0.65	206.48
4	Cuddalore	35	0.18	52.10
5	Dharmapuri	307	1.54	437.75

6	Dindigul	276	1.38	405.89
7	Erode	28	0.14	40.60
8	Kallakurichi	291	1.46	454.51
9	Kancheepuram	94	0.47	128.96
10	Kanniyakumari	14	0.07	28.13
11	Karur	46	0.23	70.86
12	Krishnagiri	348	1.74	506.77
13	Madurai	77	0.39	123.20
14	Mayiladuthurai	16	0.08	23.52
15	Nagapattinam	16	0.08	23.52
16	Namakkal	368	1.84	574.39
17	Perambalur	8	0.04	11.76
18	Pudukottai	129	0.65	176.24
19	Ramnad	108	0.54	178.39
20	Ranipet	61	0.31	85.66
21	Salem	219	1.10	319.91
22	Sivagangai	45	0.23	67.95
23	Tenkasi	109	0.55	186.89
24	Thanjavur	98	0.49	150.55
25	The Nilgiris	81	0.41	216.84
26	Theni	28	0.14	43.50
27	Thoothukudi	97	0.49	132.69
28	Tiruchirappalli	53	0.27	74.75
29	Tirunelveli	43	0.22	61.12
30	Tirupattur	22	0.11	31.76
31	Tiruppur	126	0.63	177.50
32	Tiruvallur	46	0.23	66.31
33	Tiruvannamalai	70	0.35	102.55
34	Tiruvarur	88	0.44	124.37
35	Vellore	38	0.19	104.30
36	Villupuram	462	2.31	679.26
37	Virudhunagar	241	1.21	362.30
TOTAL		4381	21.98	6651.14

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)	Estimate Cost in Lakhs
1	Ariyalur	0	0.00	0.00
2	Chengalpet	2	0.20	32.44
3	Coimbatore	1	0.10	2.50
4	Cuddalore	0	0.00	1.36
5	Dharmapuri	1	0.10	0.15
6	Dindigul	36	3.60	356.81
7	Erode	60	6.00	89.58
8	Kallakurichi	0	0.00	0.00
9	Kancheepuram	0	0.00	0.00
10	Kanniyakumari	0	0.00	0.00
11	Karur	0	0.00	0.00
12	Krishnagiri	2	0.20	0.34
13	Madurai	0	0.00	0.00
14	Mayiladuthurai	0	0.00	0.00
15	Nagapattinam	2	0.20	3.04
16	Namakkal	0	0.00	0.00
17	Perambalur	0	0.00	0.00
18	Pudukottai	0	0.00	0.00
19	Ramnad	0	0.00	0.04
20	Ranipet	0	0.00	0.00
21	Salem	0	0.00	0.00
22	Sivagangai	0	0.00	0.00
23	Tenkasi	0	0.00	0.00
24	Thanjavur	3	0.30	0.50
25	The Nilgiris	2	0.20	6.90
26	Theni	8	0.80	54.36
27	Thoothukudi	0	0.00	0.00
28	Tiruchirappalli	0	0.00	0.00
29	Tirunelveli	0	0.00	0.00
30	Tirupattur	0	0.00	0.00
31	Tiruppur	1	0.10	3.00
32	Tiruvallur	1	0.10	1.32
33	Tiruvannamalai	3	0.30	3.90
34	Tiruvaarur	0	0.00	0.00
35	Vellore	0	0.00	0.00

36	Villupuram	2	0.20	0.29
37	Virudhunagar	0	0.00	0.00
TOTAL		124	12.40	556.52

GWM Capacity addition in Village Panchayats of Tamil Nadu

I. Individual Soak Pits (ISP)

S.No	Location	ISP (nos)	Capacity in (MLD)
1	Ariyalur	2528	0.38
2	Chengalpet	4033	0.60
3	Coimbatore	4328	0.65
4	Cuddalore	19157	2.87
5	Dharmapuri	7796	1.17
6	Dindigul	3062	0.46
7	Erode	4802	0.72
8	Kallakurichi	7768	1.17
9	Kancheepuram	5828	0.87
10	Kannyakumari	1406	0.21
11	Karur	9598	1.44
12	Krishnagiri	6349	0.95
13	Madurai	7745	1.16
14	Mayiladuthurai	3871	0.58
15	Nagapattinam	4322	0.65
16	Namakkal	10302	1.55
17	Perambalur	1832	0.27
18	Pudukottai	7602	1.14
19	Ramnad	8458	1.27
20	Ranipet	2049	0.31
21	Salem	13211	1.98
22	Sivagangai	16965	2.54
23	Tenkasi	3974	0.60
24	Thanjavur	9838	1.48
25	The Nilgiris	295	0.04
26	Theni	2514	0.38
27	Thoothukudi	3153	0.47
28	Tiruchirappalli	9074	1.36
29	Tirunelveli	4542	0.68
30	Tirupattur	2861	0.43
31	Tiruppur	5086	0.76
32	Tiruvallur	5835	0.88

33	Tiruvannamalai	21054	3.16
34	Tiruvarur	7451	1.12
35	Vellore	4420	0.66
36	Villupuram	8259	1.24
37	Virudhunagar	4874	0.73
	TOTAL	2,46,242	36.94

Community Soak Pits (CSP)

S.No	Location	CSP (nos)	Capacity in (MLD)
1	Ariyalur	199	0.08
2	Chengalpet	378	0.15
3	Coimbatore	200	0.08
4	Cuddalore	1154	0.46
5	Dharmapuri	1479	0.59
6	Dindigul	1217	0.49
7	Erode	94	0.04
8	Kallakurichi	867	0.35
9	Kancheepuram	602	0.24
10	Kanniyakumari	0	0.00
11	Karur	3359	1.34
12	Krishnagiri	1192	0.48
13	Madurai	2169	0.87
14	Mayiladuthurai	1582	0.63
15	Nagapattinam	1113	0.45
16	Namakkal	981	0.39
17	Perambalur	224	0.09
18	Pudukottai	421	0.17
19	Ramnad	3014	1.21
20	Ranipet	440	0.18
21	Salem	3358	1.34
22	Sivagangai	3259	1.30
23	Tenkasi	558	0.22
24	Thanjavur	1417	0.57
25	The Nilgiris	21	0.01
26	Theni	181	0.07
27	Thoothukudi	766	0.31
28	Tiruchirappalli	847	0.34
29	Tirunelveli	204	0.08
30	Tirupattur	603	0.24

31	Tiruppur	843	0.34
32	Tiruvallur	682	0.27
33	Tiruvannamalai	4337	1.73
34	Tiruvarur	1570	0.63
35	Vellore	1127	0.45
36	Villupuram	1519	0.61
37	Virudhunagar	1321	0.53
TOTAL		43,298	17.33

Vertical Filter Type (VF)

S.No	Location	VF (nos)	Capacity in (MLD)
1	Ariyalur	13	0.07
2	Chengalpet	28	0.14
3	Coimbatore	100	0.50
4	Cuddalore	13	0.07
5	Dharmapuri	64	0.32
6	Dindigul	422	2.11
7	Erode	63	0.32
8	Kallakurichi	133	0.67
9	Kancheepuram	23	0.12
10	Kanniyakumari	23	0.12
11	Karur	75	0.38
12	Krishnagiri	330	1.65
13	Madurai	456	2.28
14	Mayiladuthurai	0	0.00
15	Nagapattinam	0	0.00
16	Namakkal	259	1.30
17	Perambalur	1	0.01
18	Pudukottai	101	0.51
19	Ramnad	173	0.87
20	Ranipet	11	0.06
21	Salem	404	2.02
22	Sivagangai	102	0.51
23	Tenkasi	46	0.23
24	Thanjavur	49	0.25
25	The Nilgiris	15	0.08
26	Theni	31	0.16
27	Thoothukudi	46	0.23
28	Tiruchirappalli	50	0.25

29	Tirunelveli	20	0.10
30	Tirupattur	15	0.08
31	Tiruppur	136	0.68
32	Tiruvallur	33	0.17
33	Tiruvannamalai	506	2.53
34	Tiruvarur	52	0.26
35	Vellore	45	0.23
36	Villupuram	186	0.93
37	Virudhunagar	413	2.07
TOTAL		4437	22.28

Horizontal Filter Type

S. No	Location	HF (nos)	Capacity in (MLD)
1	Ariyalur	16	0.10
2	Chengalpet	9	0.05
3	Coimbatore	98	0.59
4	Cuddalore	160	0.96
5	Dharmapuri	2	0.01
6	Dindigul	112	0.67
7	Erode	157	0.94
8	Kallakurichi	3	0.02
9	Kancheepuram	13	0.08
10	Kanniyakumari	67	0.40
11	Karur	47	0.28
12	Krishnagiri	71	0.43
13	Madurai	62	0.37
14	Mayiladuthurai	45	0.27
15	Nagapattinam	19	0.11
16	Namakkal	35	0.21
17	Perambalur	24	0.14
18	Pudukottai	50	0.30
19	Ramnad	19	0.11
20	Ranipet	43	0.26
21	Salem	135	0.81
22	Sivagangai	12	0.07
23	Tenkasi	116	0.70
24	Tanjavur	7	0.04
25	The Nilgiris	0	0.00
26	Theni	35	0.21

27	Thoothukudi	42	0.25
28	Tiruchirappalli	141	0.85
29	Tirunelveli	74	0.44
30	Tirupattur	17	0.10
31	Tiruppur	32	0.19
32	Tiruvallur	9	0.05
33	Tiruvannamalai	259	1.55
34	Tiruvaarur	4	0.02
35	Vellore	64	0.38
36	Villupuram	24	0.14
37	Virudhunagar	183	1.10
Total		2206	13.24

Other GWM systems

S. No	Location	Other GWM systems (nos)	Capacity in (MLD)
1	Ariyalur	0	0.00
2	Chengalpett	0	0.00
3	Coimbatore	0	0.00
4	Cuddalore	1	0.10
5	Dharmapuri	0	0.00
6	Dindigul	58	5.80
7	Erode	31	3.10
8	Kallakurichi	0	0.00
9	Kancheepuram	0	0.00
10	Kanniyakumari	0	0.00
11	Karur	0	0.00
12	Krishnagiri	1	0.10
13	Madurai	2	0.20
14	Mayiladuthurai	1	0.10
15	Nagapattinam	0	0.00
16	Namakkal	0	0.00
17	Perambalur	0	0.00
18	Pudukottai	0	0.00
19	Ramnad	3	0.30
20	Ranipet	0	0.00
21	Salem	0	0.00
22	Sivagangai	2	0.20
23	Tenkasi	0	0.00
24	Tanjavur	0	0.00

25	The Nilgiris	0	0.00
26	Theni	14	1.40
27	Thoothukudi	0	0.00
28	Tiruchirappalli	0	0.00
29	Tirunelveli	1	0.10
30	Tirupattur	1	0.10
31	Tiruppur	0	0.00
32	Tiruvallur	1	0.10
33	Tiruvannamalai	0	0.00
34	Tiruvaarur	0	0.00
35	Vellore	0	0.00
36	Villupuram	1	0.10
37	Virudhunagar	0	0.00
TOTAL		117	11.70

V. Details of Industrial Pollution-TNPCB

Sl. No.	Details of Industries	State	PRS
1.	No. of industries in the State:	54,000	7,381
2.	No. of water polluting industries in the State:	11,538	1,770
3.	Quantity of effluent generated from the industries in MLD:	2,835.7	452.7
4.	Quantity of Hazardous Sludge generated from the Industries.	9,64,810 T/A	-
5.	No. of industrial units having ETPs:	11,538	1,770
6.	No.of industrial units connected to CETP:	1,497	Nil
7.	No. and total capacity of ETPs (details of existing/ under construction / proposed)	-	-
8.	Compliance status of the ETPs:	11,538 Industrial units provided Zero liquid discharge system/ ETPs/ CETPs and there is no discharge into the water bodies.	
9.	Number and total capacity of CETPs (details of existing/ under construction / proposed)	Existing – 35 Nos. (1,14,682.85ML). 33 CETPs in operation: 2 Nos not in operation.	Proposed – 10 Nos., Capacity 41 MLD.
10.	Status of compliance and operation of the CETPs	Under Construction 1 CETP at Kanchipuram (Member Units36 Nos.)- 3650 KLD capacity. It will be commissioned early. Details furnished below	

STATUS OF COMPLIANCE AND OPERATION OF COMMON EFFLUENT TREATMENT PLANTS

Sl.No	Location	No. of CETPs	No .of industrial units connected to CETP.	Restricted Quantity for CETPs (KLD)	Status of CETPs (operation / not in operation)	Status of OCEMS installation &Connectivity with TNPCB	Renewal Status	Compliance Status TNPCB Norms
	Textile (Bleaching & Dyeing)							
1	Eastern CETP - Tiruppur	1	20	5400	Operation	Connected	31.03.2026	Complied
2	Angaripalayam CETP-Tiruppur	1	46	9000	Operation	Connected	31.03.2026	Complied
3	Kunnagalpalayam CETP- Tiruppur	1	13	4653	Operation	Connected	31.03.2026	Complied
4	Andi palayam CETP- Tiruppur	1	9	1911	Operation	Connected	31.03.2026	Complied
5	Kasi palayam CETP- Tiruppur	1	12	3960	Operation	Connected	31.03.2026	Complied
6	Mannarai CETP- Tiruppur	1	20	5400	Operation	Connected	31.03.2025	Complied
7	Veerapandi CETP- Tiruppur	1	62	10800	Operation	Connected	31.03.2026	Complied
8	Park CETP – Tiruppur	1	4	2250	Operation	Connected	31.03.2026	Complied
9	Arulpuram CETP- Tiruppur	1	11	4950	Operation	Connected	31.03.2026	Complied
10	Sripulavapatti CETP- Tiruppur	1	19	4500	Operation	Connected	31.03.2026	Complied
11	Kalli kadu CETP-Tiruppur	1	11	2700	Operation	Connected	31.03.2026	Complied
12	Vettuvapalayam CETP- Tiruppur	1	8	920	Operation	Connected	31.03.2026	Complied
13	Mangalam CETP- Tiruppur	1	13	3492	Operation	Connected	31.03.2026	Complied
14	Rayapuram CETP- Tiruppur	1	13	4743	Operation	Connected	31.03.2026	Complied
15	Chinnakarai CETP- Tiruppur	1	24	6902.1	Operation	Connected	31.03.2026	Complied
16	Murugampalayam CETP-Tiruppur	1	50	7507.5	Operation	Connected	31.03.2026	Complied
17	Karaipudur CETP- Tiruppur	1	19	3602.25	Operation	Connected	31.03.2026	Complied

18	S.Periyapalayam CETP-Tiruppur	1	5	840	Operation	Connected	31.03.2025	Complied
19	Perundurai CETP- Tiruppur	1	9	3406	Operation	Connected	31.03.2027	Complied
	Tannery CETPs in the State							
20	M/s. Talco Trichy Tannery Effluent Treatment Company, Trichy	1	5	201.4	Not in Operation	NA	NA	NA
21	M/s. Perundurai Leathers Industries Eco – Security Private Limited, Perundurai, Erode District	1	14	1000	Not in Operation	NA	NA	NA
22	M/s. Ambur Tannery Effluent Treatment Company Limited, Thuthipet Sector, Ambur, Tirupattoor District	1	44	2219	Operation	Connected	RCO valid up to 31/3/2025	Complied
23	M/s. Ambur Tannery Effluent Treatment Company Limited, Maligaithepe Sector, Ambur, Tirupattoor District	1	17	1100	Operation	Connected	RCO valid up to 31/3/2025	Complied
24	M/s. Talco Pernambut Tannery Effluent Treatment Company Ltd., Pernambut, Vellore District	1	36	891	Operation	Connected	RCO valid up to 31/3/2025	Complied
25	M/s. Vanitec Limited Valayampet, Vaniyambadi, Tirupattoor District	1	133	3342	Operation	Connected	RCO valid up to 31/3/2025	Complied
26	M/s. Ranipet Tannery Effluent Treatment Company Limited (RANITEC), Ranipet District	1	92	4500	Operation	Connected	RCO valid up to 31/3/2025	Complied
27	M/s. Ranipet SIDCO Leather Effluent Treatment Company Limited, Ranipet District	1	81	2500	Operation	Connected	RCO valid up to 31/3/2025	Complied
28	M/s. SIPCOT – SIDCOPhase II Entrepreneur Finished Leather Effluent Treatment Co. Ltd.,Ranipet,Dist	1	20	1560	Operation	Connected	RCO valid up to 31/3/2025	Complied

29	M/s. Visharam Tanners Enviro Control Systems (p) Ltd., Melvisharam, Ranipet District	1	36	600	Operation	Connected	RCO valid up to 31/3/2025	Complied
30	M/s. Madhavaram Leather Manufactures Facility (P) Ltd., Madhavaram	1	14	400	Operation	Connected	RCO valid up to 31/3/2026	Complied
31	M/s. Pallavaram Tanners Industrial Effluent Treatment Company Limited, Chrompet, Chennai	1	130	3000	Operation	Connected	CTO direct valid up to 31/3/2027	Complied
32	M/s. Talco Dindigul Tanners Enviro Control System Pvt. Ltd., Dindigul	1	49	2533	Operation	Connected	CTO direct valid up to 31/3/2025	Complied
ELECTROPLATING CETPs IN THE STATE								
33	M/s JBR TECHNOLOGIES PVT LTD located at S.F.No.927/A Part & 928 Part, Korattur village, Ambattur Taluk, Chennai District.	1	234	200	In operation	Under progress	RCO valid up to 31/3/2024 Personal hearing conducted with CETP stakeholders on 25.07.2024. The Board has instructed the CETP to complete the shortfalls within three months & to apply for renewal of consent immediately. Minutes of meeting communicated to all stakeholders	Not Complied
34	M/s Madurai Electroplaters Industrial Park, D.Karisalkulam Village, Thiruppuvanam Taluk, Sivagangai District.	1	28	49.6	In operation	Connected	RCO valid till 31/03/2025	Complied

	HOTEL SECTOR- CETP							
35	M/s.Kodaikanal Hotel Effluent Treatment Company Limited, S.F No Ward D Block No 19, TS No 2/2, Kodaikanal Taluk, Dindigul District	1	35	850	Operation	-	RCO valid till 31/03/2025	Generally Complied
	Total		1336	111882.9				

Details of CETPs Proposed in the State

Sl. No.	Town	Name of CETPs	CETP Capacity (MLD)	Status of Consent
1.	Perundurai	Sree Bhavani Dyeing Cluster Development Limited, Perundurai Taluk, Erode District.	4	The proposal has been approved by Ministry of Textiles vide O.M dated: 14.09.2016. Fund is awaited. CTE issued upto 31.03.2024.
2.	Perundurai	Kadayampatti Common Effluent Treatment Plant Bhavani Private Limited, Perundurai Taluk, Erode District.	6.25	
3.	Perundurai	Kadayampatti Common Reject Management Systems Private Limited (CRMS),Perundurai Taluk, Erode District	1.75	
4.	Erode	Gangapuram Common Effluent Treatment Plant Private Limited, Erode Taluk & Erode District	4.5	
5.	Erode	Villarasampatti Common Effluent Treatment Plant Private Limited, Erode Taluk & Erode District	4.5	Pattern to the CETPs is under revision for next five years.
6.	Erode	M/s. Suriyampalayam Common Effluent Treatment Plant Private Limited, Erode	4.2	2.No member units in operation without ZLD system; Other member units are proposed industries only, ie. Green sites only 3.GOI share is awaited.
7.	Erode	M/s. Green Kalingarayan Common Effluent Treatment Plant Private Limited, Erode	5.8	
8.	Erode	M/s. Erode Common Effluent Treatment Plant Private Limited (CRMS), Erode.	2.0	

Sl. No.	Town	Name of CETPs	CETP Capacity (MLD)	Status of Consent
9	Kumarapalayam	M/s. Kumarapalayam Green Cauvery Dyeing Cluster, Kumarapalayam	5.0	CTE issued upto 31.03.2026.
10	Kumarapalayam	M/s. Green Environmental Association, Pallipalayam & Kumarapalayam (CRMS)	3.0	
TOTAL - 10 CETPs			41	

V. Solid Waste Management:

No	Solid Waste Management	State	PRS
1.	Total number of Urban Local Bodies	649	53
2.	Current Municipal Solid Waste Generation (TPD)	ULB- 15,209 TPD. Note: The MSW of RLB is furnished separately in the dossier below.	ULB- 1793
,3.	a. Number of facilities	3689 (DMA- 2196 +DTP- 1219 + GCC- 274)	471
	b. Installed capacity –TPD	10426 (DMA-7260 +DTP- 1888 + GCC – 1278)	1724
	c. Utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio-methanation, MRF,etc.,	9281 (DMA- 6480 + DTP- 1888 + GCC - 913) The utilization capacity is 89.02 %	1599
4.	Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)	1. It is proposed to increase the segregation, collection and treatment of MSWs. 2. The non-bio-gradable waste such as plastic wastes, etc. will be segregated and disposed scientifically. 3.Continuous awareness being created for source segregation and fixing target to achieve goal and periodically reviewed.	
5.	No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)	Proposed– 8 Nos. of 775 TPD.	1 No. of 50 TPD.
6.	Total No. of wards (ULBs)	12,999	1221
	No. of wards having door to door collection service,	12,518	1180
	No. of wards practicing segregation at source	11,428	1087
7	Details of MSW treatment facilities proposed and under construction (No., capacity, and technology)	Proposed - 25 Nos. (DMA-18, GCC - 7). Capacity :2230 TPD (DMA-2230 TPD)	6 No. 645 TPD

		Under Construction- 100 Nos. (DMA - 95 + GCC- 5) Capacity 1213 TPD (DMA – 713 + GCC - 500) 6 incinerator plants of 30 TPD & 9 pyrolysis plants of 0.9 TPD are completed and are in trial run.	29 Nos, 263 TPD
		(Technology: Windrow composting, Vermicomposting, Bio-gas production, Incineration, Pyrolysis, Micro compositing, Organic Compositing, Resource Recovery)	
8.	No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.	Uncontrolled garbage dumpsite - Nil. Sanitary land fill – Nil Bio-mining : Total quantity of Legacy waste generated 2,24,12,368 Cum. Total quantity of Legacy Waste Biomined upto the month of November 2024 is 1,44,84,907 Cum. Note: 200 ULBs, have achieved 100% biomining. (Directorate of Municipal Administration has included additional 26.72 lakhs MT of estimated legacy waste – hence increase in the quantity of Legacy waste generated in Cum).	
9.	No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers	Nil	
10.	No. of drains falling into rivers and No. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers	29 MSW drains fall into water bodies. Action are being taken by Local Bodies concerned to plug the drains.	

Rural Development and Panchayat Raj (RD & PR)

No.	Solid Waste Management	State	PRS
1.	Current Municipal Solid Waste Generation TPD	1272	8.30
2.	Number of Village Panchayats	12525	32
3.	Details of MSW treatment facilities proposed (Nos)	287	1

Status of ULB wise Management of Solid Waste-DMA, CTP & Greater Chennai Corporation (GCC)

ULBs	Total MSW generation (TPD)	Total MSW processed (TPD)	Existing MSW Facilities	Utilization Capacity of MSW facilities (TPD)	Proposed MSW Facilities & Completion timeline
DMA	7518	7260	Windrow/Vermi composting, Biogas generation	6480	95 Nos. of MSW treatment facilities are under construction & 18 Nos. of facilities are proposed.
CTP	1840	1888	Pyrolysis, bio-composting.	1888	Incinerators & Pyrolysis are under progress for processing non-recyclable dry waste on cluster basis.
GCC	5851	913	Windrow/Vermi composting, Bio-gas generation	913	5 Nos. of MSW treatment facilities are under construction.
Total	15209	10061		9281	

VI. Bio-Medical Waste Management (BWM):

S.No	BWM	State	PRS
1.	Total Bio-medical generation (TPD)	a) Authorized quantity :116.6 T/Day. b) Average generation: 59.26 T/day.	Authorized quantity: 12.19 T/Day
2.	No. of Hospitals and Health Care Facilities:	30,799	6630
3.	Status of Treatment Facility/ CBMWTF:	Total -14 Nos. 12- Facilities under operation, 2-Facilities - Issued Closure order by TNPCB for non- compliance. 1 Nos Common facility (CBMWTFs) is under establishment in Tiruppur District.	

VII. Hazardous Waste Management (HWM - as on 2022 -2023)

S.No	Hazardous Waste Management	Tamil Nadu State
1.	Total Hazardous Waste generation	Total :11.41 lakh T/A Recyclable: 4.16 lakh T/A Utilizable : 5.63 lakh T/A Land fillable : 1.33 lakh T/A Incinerable : 0.29 lakh T/A
2.	No. of Industries generating HW	4,612 units
3.	Treatment Capacity of all TSDFs	<u>3Nos. of M/s.RE Sustainability IWM Solution Limited</u> <u>Facilities at:</u> <u>1.TSDFGummidipoondi :</u> a) Permitted hazardous waste SLF : 3 lakh T/A b) Permitted for Incineration : 0.12 lakh T/A c) Preprocessing : 0.50 lakh T/A <u>2.TSDFViruthunagar :</u> a) Permitted hazardous waste SLF : 0.91 lakh T/A <u>3.TSDF Hosur:</u> a) Permitted hazardous waste SLF : 0.91 lakh T/A b) Preprocessing : 0.30 lakh T/A
4.	Average Quantity of Hazardous waste reaching the TSDFs and treated	Land fillable hazardous waste :0.962 lakh T/A Incinerable hazardous waste:0.052 lakh T/A
5.	Details of on-going or proposed TSDF	Nil

VIII. Plastic Waste Management

Plastic Waste Management	STATE	PRS
Total Plastic Waste generation (TPD)	1728	109.2
Treatment/ Measures adopted for reduction or management of plastic waste	Recyclable/ Saleable plastics are sold to authorized vendors. Non-saleable plastics are sent to cement factories for co-incineration and also used as a component for laying roads. Incinerators & pyrolysis plants are under progress for processing non-recyclable dry waste in cluster basis. A plastic Shredding unit is available at each district under Solid Waste Management Scheme. All the ULBs are enforcing source segregation of wastes and the saleable fraction of plastic wastes are sold to recyclers and remuneration is paid back to sanitary workers. Apart from that, a total quantity of 1110 MT of	

	single use plastics had been seized and a penalty of Rs.5.48 crore has been levied by local bodies. The seized plastics are stored at Resource Recovery Centers (RRC) and disposed to Cement industries. The Government of Tamil Nadu has banned the single use plastics. The Government of Tamil Nadu has issued orders vide G.O (MS)No:116 Environment Climate Change and Forests Department, to use cloth bags instead of plastic carry bags.
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IX. Details of Alternate Treatment Technology being adopted by the State/UT: Enclosed.

X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment:

Total sewage outfalls in Ten Polluted River Stretches			
Sl.No.	Name of the river	Total No of Out falls.	Remarks
1	Sarabanga	28	58 Nos. of STPs / FSTPs are under construction. - To bridge the gap 58 Nos. of STPs / FSTPs proposals are evolved by local bodies. - At Cooum and Adyar PRS, 156 numbers of outfalls are plugged by local bodies. Balance is under progress.
2	Vasista	5	
3	Cauvery	39	
4	Thirumanimutharu	9	
5	Bhavani	40	
6	Tamirabarani	20	
7.	Palar	10	
8.	Amaravathi	9	
9.	Cooum	124	
10.	Adyar	76	
	Grand Total	360	

XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT: Nodal officers have been nominated vide G.O. Ms No.64 Environment and Forests (EC.2) Department dated 03.10.2020 by the Government of Tamil Nadu.

Details of meetings carried under the Chairmanship Chief of Secretary in the State: Environment Monitoring Cell meeting has been conducted by the Additional Chief Secretary to Government of Tamil Nadu, Environment and Forest Department, on 23.12.2020. The Additional Chief Secretary, Environment, Climate Change and Forests Department, Government of Tamil Nadu has reviewed the progress of Action Plans on 18.11.2021. The Additional Chief Secretary, Municipal Administration & Water Supply Department, Government of Tamil Nadu has reviewed the progress of Action Plans on 22.06.2023. The Chief Secretary to Government of Tamil Nadu has reviewed the progress of implementation of action plans for Polluted River Stretches on 13.05.2024. The Principal Secretary, Environment Climate Change and Forests department has reviewed the status of implementation of works in Polluted River Stretches on 19.07.2024, 30.09.2024 and 23.10.2024. The implementation of River Rejuvenation works at Greater Chennai Corporation to rejuvenate Cooum, Adyar and Buckingham Canal are being reviewed by the Chief Secretary to Government every month.

XII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river

Water quality of the polluted river stretches for the month of November 2024

Sl.No.	Name of the River	No of Monitoring Locations	BOD (mg/L)
1	Sarabanga	1	No flow
2	Thirumanimutharu	1	36
3	Vasista	1	40
4	Cauvery	19	1.5 - 3.0
5	Bhavani	7	1.8 - 2.7
6	Thamirabarani	12	2.0 - 3.0
7.	Amaravathi	3	2.2 - 2.5
8.	Palar	1	2.0
9.	Cooum	7	9.0 - 30.0
10.	Adyar	5	5.0 - 11.0

Source: TNPCB

Ground water quality in the catchment of polluted rivers-WRD

Name of the River	Ground water quality
Sarabanga	The State Ground and Surface Water Resources Data Centre (SG&SWRDC) has provided monitoring wells for observation of ground water quality in Danishpet, Omalur, Edapadi, Thevur and Tharamangalam areas. The Total Dissolved Solids (TDS) of this stretch is found to be vary between 205 mg/L to 1086 mg/L . range of moderate quality. Thevur is having TDS of good quality whereas, Omalur, Danishpet and Tharamangalam location having TDS value in moderate quality.
Thirumanimutharu	For the stretch the SG&SWRDC having monitoring wells for observation of ground water quality in Salem area. From the observed data it is inferred that the quality of water is in moderate level i.e. in these places TDS value ranges between 221mg/L to 2033 mg/L.
Vasista	The SG&SWRDC is having monitoring wells for observing water quality data for the areas Papanackinpatti, Yethapur, Athur and Thalaivasal. The analytical reports of the ground water analysis of these areas reveals that the water quality is of the order of both good and moderate. The TDS values of these areas ranging between 283 mg/L to 2763mg/L

Cauvery	The river stretch comprises districts of Dharmapuri, Erode, Salem, Namakkal, Karur, Trichy, Cuddalore and Thanjavur. The State Ground Water Department is having ground water quality data for the areas of Dharmapuri, Mettur, Bhavani, Salem, Paramathivelur, Namakkal, Kumarapalayam, Karur, Erode, Musiri, Trichy, Kulithalai, Thanjavur, Kumbakonam and Mayiladuthurai. While considering the TDS value of Dharmapuri taluk it is found to vary between 376 mg/L to 2105 mg/L and the quality of ground water is moderate. While reviewing the water quality data of Salem, the TDS values are found to vary between 221 to 2033 mg/L, the available ground water in Salem is having good, moderate and poor quality with major proportion moderate ground water. The water quality data of Namakkal shows the TDS values range between 258 to 2744 mg/L. Most of the location in Namakkal shows moderate water quality. While reviewing the water quality data of Trichy and Musiri the water quality is found to vary between good and moderate in most of the places with very few places having poor quality. At Thanjavur and Cuddalore in most of the locations the water quality is found to be good. In Cuddalore district TDS values more than 2000 mg/L in Tiruvamur, Parivilagam, Koothur, Krishnapuram, Mangalur and Veppur villages.
Bhavani	The general distribution of ground water quality varies between Good to moderate level.
Thamirabarani	The collected water quality data of Cheranmadevi, Thiruvidadaimaruthur, Ambasamudram, Thirunelveli, Palayamkottai, and Ariyanaygipuram showed good, poor and moderate quality based on TDS.

XIII. Ground water regulation-WRD

Name of the River	Ground water regulation
Sarabanga	It is informed that, Honorable madras High Court passed an order dated 30.10.2018 in the WP Nos. 28535 to 28539 of 2014 & etc, batch has directed to form District Level Monitoring Committee to monitor the illegal extraction of Ground Water for commercial purpose.
Thirumanimutharu	
Vasista	
Cauvery	For effective management of Ground Water, 683 packaged drinking water firms operated illegally have been closed as per Honorable Madras High Court order passed under WP No.16299 / 2018.
Bhavani	
Thamirabarani	The Draft Tamil Nadu water Resources (Regulation, Management and Augmentation) Act was discussed in High Level Committee Meeting headed by the Chief Secretary of Tamil Nadu on 15.03.2024. It was decided to take the opinion of the line departments suggestions. Accordingly, the comments of line department suggestion have been incorporated into the draft bill. And the final draft is again ready for approval of the High- Level Committee. After the approval of the High- Level Committee, State

	Planning Commission & Law Department, the draft bill is proposed to be in the public domain. In Thamirabarani basin area 9 illegally operating firms have been sealed and closed.
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XIV. Good irrigation practices being adopted by the State-WRD:

Name of the River	Good irrigation practices being adopted by the State
Sarabanga	Awareness meetings are conducted under TNIAMP, ADB & State Funds. In some parts of the reach DRIP irrigation is practiced.
Thirumanimutharu	
Vasista	
Cauvery	
Bhavani	
Thamirabarani	Village level awareness campaigns are conducted periodically by WRD officials to adopt the crop rotation for good irrigation practices. Rehabilitation and modernization of Tanks, Anicuts and Supply channels are being carried out in TNIAMP projects per GO Ms No: 140 PW (WR 1) Dept Dt: 21.06.2017 for an amount of Rs.107.09crores. Kudimaramath woks as per G.O (Ms). No. 98PW (W1) Dept/Dt: 22.04.2020 for an amount of Rs. 16.365 Crores is carried out in Tirunelveli and Thoothukudi Districts.

XV. Rain Water Harvesting Structures -WRD

Name of the River	Existing Structures (Nos)	Ongoing Works (Nos)	Proposed Works (Nos)
Sarabanga	5	2	10 - Recharge Wells
Thirumanimutharu	6	--	14 - Recharge Wells structures
Vasista	16	--	--
Cauvery	44	10	29
Bhavani	45	-	--
Thamirabarani	11	-	Barrages 3 Nos at cost of Rs. 230 Crores.
Total	127	12	56

Rain Water Harvesting (RWH) structures– Details for Tamil Nadu.

S.No.	Name of the organization	Number of RWH structures
1.	Directorate of Municipal Administration	43,38,000
2.	Directorate of Town Panchayats	21,18,858
3.	Chennai Metropolitan Water Supply & Sewerage Board	8,95,670
4.	Rural Development & Panchayat Raj	2,56,603
5.	Water Resources Department	950
	Total	76,10,081

XVI. Demarcation of Flood plain and removal of illegal encroachments - WRD:

Name of the River	Demarcation of Floodplain and removal of illegal encroachments
Sarabanga	The identification of flood plain zones is in process. Bio Diversity and afforestation will be carried out by Nadanthai Vaazhi Cauvery Project. The DPR - Phase – I Nadanthai Vaazhi Cauvery Project completed by WAPCOS and submitted to NRCD through EPTRI. The NRCD has accorded approval and given recommendations. The replies to NRCD observations and also funding pattern are submitted to the Govt. of Tamil Nadu for getting financial concurrence. Encroachment if any identified during the survey will be evicted and other management works will be completed after rehabilitation and resettlement.
Vasista	
Thirumanimutharu & Cauvery	The identification of flood plain zones is in progress. Bio Diversity and afforestation will be carried out by Nadanthai Vaazhi Cauvery Project. The DPR - Phase – I completed by WAPCOS and submitted to NRCD through EPTRI. The NRCD has accorded approval and given recommendations. The replies to NRCD observations and also funding pattern are submitted to the Govt. of TN for getting financial concurrence. Encroachment if any identified during the survey will be evicted and other management works will be completed after rehabilitation and resettlement. In river Cauvery so far 260 nos. of encroachments have been identified in this stretch. Notice issued to encroachers by Assistant Engineer, WRD for removal of illegal encroachments.

Bhavani	The identification of flood plain zones is in progress. Bio Diversity and afforestation will be carried out by Nadanthai Vaazhi Cauvery Project. The DPR - Phase – I completed by WAPCOS and submitted to NCRD through EPTRI. The NRCD has accorded approval and given recommendations. The replies to NRCD observations and also funding pattern are submitted to the Govt. of TN for getting financial concurrence. The Flood Plain Zone has been identified in the following locations Mudukkandurai, Doddampalayam, Sathyamangalam, Kodiveri, Athani, Bhavani, Jambal and Mettupalayam. 55 Nos of encroachments belongs to fishing community, proposal for alternate land has already been sent to Secretary to Government, Revenue department, Secretariat, Chennai by the Commissioner, Land Administration Department, Chepauk, Chennai vide letter No. F.2 / 41632 / 2005 / Dt.15.02.2006 and the file is long pending. The action will be taken to remove the above encroachment if an alternate place is provided. The Assistant Engineer, WRD, Water Spread Section, Bhavanisagar has been issued From VII to encroachers on 30.03.2022 and again new form VII will be issued for removal of encroachments on or before 17.12.2024.																				
Thamirabarani	a. In the announcement as per G.O.(2D) No.46 Water Resources (S2) Department Dated 30.09.2024 estimated cost Rs.35.00 Lakhs has been allotted of Thamirabarani River thereby evicting and preventing further encroachments. b. Based on this announcement the DGPS instrument has been installed division and work will be started soon. By implementing this work, fresh encroachments can be identified and removed in initial stage itself.																				
	c. In River Banks of the Thamirabarani, the following encroachments were identified & demarcated by the water resource department/Public works department. The issue of eviction notices to the encroachers under eviction of encroachment act is under progress in Tirunelveli and Thoothukudi District. <table><tr><th>Sl. No.</th><th>District</th><th>Encroachment (Nos.)</th><th>Evicted (Nos.)</th><th>Balance to be evicted (Nos.)</th></tr><tr><td>1.</td><td>Tirunelveli</td><td>26</td><td>20</td><td>6</td></tr><tr><td>2.</td><td>Thoothukudi</td><td>-</td><td>-</td><td>-</td></tr><tr><td></td><td>Total</td><td>26</td><td>20</td><td>6</td></tr></table>	Sl. No.	District	Encroachment (Nos.)	Evicted (Nos.)	Balance to be evicted (Nos.)	1.	Tirunelveli	26	20	6	2.	Thoothukudi	-	-	-		Total	26	20	6
Sl. No.	District	Encroachment (Nos.)	Evicted (Nos.)	Balance to be evicted (Nos.)																	
1.	Tirunelveli	26	20	6																	
2.	Thoothukudi	-	-	-																	
	Total	26	20	6																	

XVII. Maintaining minimum e-flow of river-WRD:

Name of the River	Maintaining minimum e-flow of river
Sarabanga	This river is only a flood carrier. The sewage water enters in to the river in Edapaddi Municipality, Omalur Town Panchayat and Poolampatti Town Panchayat. The above treatment plants are proposed under Nadanthai Vaazhi Cauvery Project. E flow will be maintained in this river after completion sewage treatment plants. The treated water will flow as environmental flow.
Thirumanimutharu	This river is only a flood carrier. The sewage water enters in to the river in Salem Corporation. Treatment plants have been proposed under Nadanthai Vaazhi Cauvery Project. E flow will be maintained in this river after completion of sewage treatment plants, as the treated water will flow as environmental flow.
Vasista	This river is only a flood carrier. But the sewage water enters in to the river in Attur and Narasingapuram Municipality. After completion of sewage treatment plants in the above locations, the treated water will flow as environment flow.
Cauvery	Mettur dam is opened for irrigation from June 12 th to January 28 th based on availability of water every year. It is opened for drinking purpose in the remaining days, during the monsoon period at flood time the maximum flood discharge in the river has been 284606 cusecs on 08.07.1961. Usually, a monthly minimum average E flow of 0.10 TMC is maintained. The E flow is maintained for more than 8 months. During the month of November 2024 an E Flow of 0.480 TMC was maintained.
Bhavani	An E flow of 13.48 Mcft. (including Irrigation purpose) was maintained in the river Bhavani during the Month of November 2024.
Thamirabarani	An average of 1153.90 cusecs of water is released into the river in the month of November 2024 to ensure minimum environmental flow.

XVIII. Plantation activities along the rivers-WRD

Name of the River	Plantation activities along the Rivers
Sarabanga	Nadanthai Vaazhi Cauvery Project DPR - Phase - I was completed by WAPCOS and submitted to NRCD through EPTRI. The NRCD has accorded approval and given recommendations. The replies to NRCD observations and also funding pattern are submitted to the Govt. of TN for getting financial concurrence.

Thirumanimutharu	Nadanthai Vaazhi Cauvery Project DPR - Phase - I was completed by WAPCOS and submitted to NRCD through EPTRI. The NRCD has accorded approval and given recommendations. The replies to NRCD observations and also funding pattern are submitted to the Govt. of TN for getting financial concurrence.
Vasista	There is no proposal at present.
Cauvery	Nadanthai Vaazhi Cauvery Project DPR - Phase - I was completed by WAPCOS and submitted to NRCD through EPTRI. The NRCD has accorded approval and given recommendations. The replies to NRCD observations and also funding pattern are submitted to the Govt. of TN for getting financial concurrence.
Bhavani	Nadanthai Vaazhi Cauvery Project DPR - Phase - I was completed by WAPCOS and submitted to NRCD through EPTRI. The NRCD has accorded approval and given recommendations. The replies to NRCD observations and also funding pattern are submitted to the Govt. of TN for getting financial concurrence.
Thamirabarani	Thamirabarani river cleaning being carried out by various Non-government organisations and plant activities are also done along the river in Gopalamudram Corporation limit Manimoortheeswaran and Naranammalpuram either side of the river.

XIX. Development of biodiversity park - WRD

Name of the River	Development of Biodiversity Park
Sarabanga	Nadanthai Vaazhi Cauvery Project DPR - Phase - I was completed by WAPCOS and submitted to NRCD through EPTRI. The NRCD has accorded approval and given recommendations. The replies to NRCD observations and also funding pattern are submitted to the Govt. of TN for getting financial concurrence.
Thirumanimutharu	
Vasista	There is no proposal at present.
Cauvery	Nadanthai Vaazhi Cauvery Project DPR - Phase - I was completed by WAPCOS and submitted to NRCD through EPTRI. The NRCD has accorded approval and given recommendations. The replies to NRCD observations and also funding pattern are submitted to the Govt. of TN for getting financial concurrence
Bhavani	
Thamirabarani	At present there is no proposal on biodiversity parks on the encroached River stretches and investigation works are being taken to implement it.

Rejuvenation of River Thamirabarani:

A DPR has been prepared for rejuvenation of River Thamirabarani and its tributaries amount Rs.1024 Crores by the Environmental cell division, under the control of Plan Formulation Wing Chennai, Water Resources Department and has been submitted to the Engineer -in-Chief and Chief Engineer (General), WRD, Chennai. It is under perusal for onward submission to the Government of Tamil Nadu.

XX. Reuse of Treated Water - DMA

The policy for promotion of use of Treated Waste Water is prepared with a vision to maximize the collection & treatment of sewage generated and reuse treated waste water on a sustainable basis, thereby reducing dependency on fresh water resources. Further, the policy promotes use of treated waste water as an economic resource.

In this regard, Tamil Nadu Government has launched waste water reuse policy during December 2019. At present Memorandum of Understanding (MoU) has been executed between Urban Local Bodies and the user agency for the re-use of secondary treated effluent water.

Urban Local Bodies wise details are furnished as below:

S. No.	Name of the ULB	Quantity (MLD)	Usage/ Purpose
1	Nagapattinam	2.0	M/s KVK Power for cooling purpose
2	Dindugul	5.0	To maintain the TDS level of Tanners for Agro- forestry.
3	Tirunelveli	24.0	Nanguneri Special Economic Zone (SEZ) for Industries
4	Perambalur	3.0	MRF Industrial use
5	Ramanathapuram	3.0	NTC Infra
6	Coimbatore	15.0	Agricultural use to farmers association
7	Pollachi	11.50	Agricultural use to farmers association
8	Chinnamannur	3.0	Agricultural use
9	Karur	7.0	Agricultural use
10	Arakkonam	7.0	MRF Industrial use
Total		80.5	

XXI. Model River being adopted by the State & Action Proposed for achieving the bathing quality Standards:

Model River Bhavani:

- River Bhavani has been classified as a polluted river stretch based on the monitoring done during 2019 & 2021 and classified under priority - V.
- The monitoring continued until date under the NWMP programme and shows that during the last 5 years the level of BOD value is less than 3 mg/l.
- The reasons attributed for low BOD, high DO is due to low faecal coliforms in the river water.
- Dumping of Municipal Solid Waste along the stretches of Bhavani has been stopped and the guidelines for solid waste management (segregation, recycling, composting, etc.) are followed scrupulously.
- A major polluting industry by name M/s. South India Viscose at Sirumugai- at the bank of the river has been closed permanently by Tamil Nadu Pollution Control Board.

- Industries involved in textile dyeing, tannery activities, etc., have provided ETPs with zero liquid discharge systems. The industries shall not discharge treated / raw effluents outside the premises of the units.
- All paper mills located in Sathyamangalam having access to River Bhavani have been made to adopt best practices by way of pulp recovery and reuse of water in their process thereby preventing any discharges leading to the river.
- M/s.Sakthi Sugars Ltd., at Aapakudal in Erode District once permitted for fert- irrigation has been stopped and made to use effluent for composting.
- Under the Swatch Bharat Scheme, the houses in BhavaniSagar Town Panchayat, Sirumugai Town Panchayat, Uratchikottai Villages are provided with septic tanks and soak pit facilities to prevent the discharge of fecal sludge into the river.
- TNPCB has proposed to conduct awareness programme at a cost of Rs.8,00,000/- (Rs. Eight lakhs only) along the Bhavani River stretch.

XXII. Status of Preparation of Action Plans by the 14 Coastal States:

The Government of Tamil Nadu vide G.O. (D) No.193 dated: 04.10.2023 has issued orders to allot the work of preparation of comprehensive Action Plans to National Centre for Coastal Research (NCCR), Chennai.

The work order of the Tamil Nadu Pollution Control Board has been issued to NCCR vide this office work order dated: 27.10.2023. The work is under progress and will be completed early.

XXIII. Regulation of Mining Activities in the State/UT: --

XXIV. Action against identified polluters, law violators and officers responsible for failure for Vigorous monitoring:

In District level the following teams/offices are monitoring the water polluting industries:

- a) District Environmental Committee headed by District Collector concerned.
- b) Joint Chief Environmental Engineer's offices (Monitoring) headed by the Joint Chief Environmental Engineers.
- c) District Environmental Engineer's offices headed by District Environmental Engineers.
- d) Environmental Engineer's (Flying Squad) offices headed by Environmental Engineers.

Illegal industries and law violating industries are closed by the TNPCB or by the District Environmental Committees. The Power supply has also been disconnected to the industries.

In case of violation of TNPCB norms by the CETPs:

- a) All the member units of the CETPs are closed.
- b) Power supply to CETPs and member units are disconnected.

At present two CETPs and member units at Kanchipuram and Sivagangai have been closed by the TNPCB and power supply disconnected.

XXV. IDOL IMMERSION:

The Government of Tamil Nadu in view to maintain public peace, tranquility, public safety, regulation of traffic and control of pollution due to immersion of idols in Rivers notified guidelines in Government gazette and was published on 09.08.2018. Awareness programmes were conducted through District Collectors in all the District headquarters and towns requesting the public to:

- I. Avoid usage of plaster of paris and paints to make the Vinayagar idols.
- II. Encourage the use of clay for making idols as a tradition.
- III. Remove the worship materials like flowers, clothes, decorating materials etc., before immersion of idols.
- IV. Collect bio-degradable materials and to segregate materials separately for recycling or composting and for disposal in sanitary landfills respectively.
- V. Immerse the idols in designated water bodies identified by the District Administration and to follow the Government guidelines scrupulously.

Also, the following actions have been taken by the Government of Tamil Nadu and by Tamil Nadu Pollution Control Board.

- a) The Government of Tamil Nadu have issued orders vide G.O. MS No.765 public (law and order) Department date 30.08.2021 to obey the Hon'ble Supreme Court orders in case No.11366/2020, 11467/2020, etc., regarding idols immersions and celebrations of festivals.
- b) To implement the Hon'ble NGT orders in OA no. 135/2023 dated: 24.01.2024 a committee has been constituted by the Government of Tamil Nadu and the committee have issued certain guidelines for celebrating the Vinayagar Chaturthi festival peacefully and the same guidelines have been followed in the State.
- c) The Tamil Nadu Pollution Control Board published idols immersion locations district wise. Guidelines of Central Pollution Control Board, Ministry of Environment and Forests, Department May 12th 2020 notification have been published in local newspapers for creating public awareness during August 2024.
- d) The Board monitors water quality of the said water bodies before& after immersion of idols. During 2022 – 2023 & 2023 – 2024 water samples have been collected and analysed.

XXVI. SEDIMENTATION POLICY - STATUS AND INITIATIVES TAKEN UP AT STATE LEVEL

For reservoirs and dams in Tamil Nadu, quantity of silt deposited has been quantified and the desilted quantity is arrived. In general, the top layer is allowed to farmers for taking sediments containing silt at free of cost as per G.O Ms. No.50 (Industries Dept.,) Government of Tamil Nadu. The balance quantity of the sediment is desilted and the sediment is used for bund formation as and when required. In the case of forest areas, the State Forest Department permission is obtained for desilting.

In the State in ten reservoirs/dams viz., Mettur, Amaravathi, Pechiparai, Vaigai, Srivaikundam, Vidur, Parapalar, Gundar, Ramanadhi and Willington have been proposed for desilting. Some of the works are under progress.

XXVII. Additional Polluted River Stretches – 2022

The CPCB has identified Cooum (Priority – I), Adyar (Priority- I), Amaravathi (Priority – V) and Palar (Priority-V) Rivers as additional Polluted River Stretches during 2022. The Action Plans for Palar and Amaravathi have been approved by River Rejuvenation Committee and are under implementation. Copies of Action Plans for Palar and Amaravathi Polluted River Stretches have been furnished to CPCB and MoJS, GoI during October 2024 for reference. For Cooum and Adyar Polluted River Stretches Action Plans have been prepared and will be submitted for approval of River Rejuvenation Committee and in turn will be submitted to CPCB for approval. For rejuvenating Cooum, Adyar and Buckingham canal the Government of Tamil Nadu has issued principal approval for Rs. 2371 crore. Accordingly, the

Government of Tamil Nadu has sanctioned Rs.1001 crore in phase - 1 to carry-out improvement works in Cooum and Adyar Rivers and the works have been completed except for a few.

Also, the Government of Tamil Nadu vide G.O.(Ms) No.50, Municipal Administration and Water Supply (MW) dated 14.03.2024 has issued Administrative and Financial Sanction for the restoration of Adyar River in “Hybrid Annuity Model” by carrying-out pollution abatement works. For implementation of the above Government order preliminary works have been initiated. Municipal Solid Waste/ Sewage outfalls have been intercepted diverted and treated in MSW facilities/STPs.

So, apart from the preparation and implementation of Action Plans for Polluted River Stretches in the State the Special Purpose Vehicles of the State have commissioned many improvement works so as to improve the water quality of the Polluted River Stretches.

XXVIII. The sewage outfalls plugged in the Polluted River Stretches is tabulated as below:

S.No	Name of Polluted River Stretch	No. of wet outfalls plugged
1.	Cooum River	54
2.	Adyar River	102

XXIX. Sewage Reconciliation details for Tamil Nadu State

The water supply, sewage generation, etc., are reconciled by all the line departments of the State and furnished in the following table:

S.No	Name of the Local Bodies	Population 2024	Litres per capita per day	Quantity of water supply (MLD)	Quantity of Sewage generation (MLD)
1.	Directorate of Municipal Administration	2,28,62,899	104.14	2380.95	1904.76
2.	Directorate of Town Panchayats	78,56,306	31.947– 100.739	536.615	429.292
3.	Chennai Metropolitan Water Supply & Sewerage Board	89,34,000	97 - 118	1132	906
4.	Rural Development & Panchayat Raj	5,13,45,324	55	2823.99	2259.19
	TOTAL	9,09,98,529	-	6,873.555	5499.242

***Gist of Report on the progress made on the Polluted River Stretches
Tamil Nadu State
Month: NOVEMBER 2024.**

Sl. No.	Details of works	Action taken
1	Polluted River Stretches identified	Priority-I River Vasista, Thirumanimutharu, Adyar & Cooum; Priority-II River Sarabanga; Priority-III River Cauvery; Priority - IV River Thamirabarani Priority -V River Bhavani, Amaravathi & Palar.
2	Sewage Generation	5499.242 MLD in Tamil Nadu.
3.a.	Existing STPs	There are 110 STPs existing with treatment capacity of 2450.98 MLD and 45 FSTPs of 1.189 MLD capacity. In addition, 1094.75 MLD of sewage is treated using alternate technologies.
b.	Under construction STPs	52 STPs (324.68 MLD capacity) and 6 FSTPs (0.16 MLD capacity) are under construction and they are at various stages of implementation. Incremental increase of 1.0 to 10 % has been achieved during November 2024 as furnished in Annexure-1 .
c.	Proposed STPs:	58 STPs (409.71 MLD capacity) are proposed to fill the gap of treatment of sewage.
4 a.	Existing MSW treatment:	a) Generation – 15,209 TPD . b) Treatment capacity – 10,426 TPD (Incremental Progress is furnished in Annexure - 2)
b	Under construction MSW Facilities:	100 MSW facilities are being constructed to a capacity of 1213 TPD .
c.	Proposed MSW Facilities	25 Nos. of facilities are proposed to a capacity of 2230 TPD .
d	Bio -mining	a) Generated - 2,24,12,368 Cum . b) Treated - 1,44,84,907 Cum .
5 a.	Existing CETPs	There are 35 CETPs existing in the State with a capacity of 1,11,882.9 KLD . 33 CETPs are in operation, two CETPs have been closed and are not in operation.
b.	Proposed CETPs:	Along the polluted river stretches, 10 CETPs of 41 MLD are proposed for bleaching & dyeing units and they are under proposal stage and not in operation. The DPRs for CETPs have been forwarded to the Ministry of Textiles, Govt. of India for funding during 2017-2021 and fund is awaited. The Ministry

		of Textiles, GOI. has approved M/s Kadayampatti Common Effluent Treatment Plant vide. O.M dated:14.09.2016. No industry is in operation without zero liquid discharge system.																																															
6.	Biomedical waste management	a) No of units - 30,799 b) Authorized quantity of BMW - 116.6 T/day. c)Average generation - 59.26 T/day																																															
7	Hazardous Waste Management	Total hazardous Waste generation is 11.41 lakhs ton per annum. Recylable : 4.16 lakh T/A Utilizable : 5.63 lakh T/A Land fillable : 1.33 lakh T/A Incinerable : 0.29 lakh T/A																																															
8	Coastal Management Plan:	The Government of Tamil Nadu vide G.O.(D) No.193 dated: 04.10.2023 has issued orders to allot the work of preparation of comprehensive Action Plans to National Centre for Coastal Research (NCCR), Chennai. The work order of Tamil Nadu Pollution Control Board has been issued to NCCR, Chennai. The work is in final stage for submission.																																															
9	Water Quality in Polluted River Stretches November 2024. <table><tr><th>Sl. No.</th><th>Name of the River</th><th>No. of Monitoring Locations</th><th>BOD mg/L</th><th>Bathing Standard</th></tr><tr><td>1</td><td>Sarabanga</td><td>1</td><td>No flow</td><td rowspan="9">BOD < 3 mg/L</td></tr><tr><td>2</td><td>Thirumanimutharu</td><td>1</td><td>36</td></tr><tr><td>3</td><td>Vasista</td><td>1</td><td>40</td></tr><tr><td>4</td><td>Cauvery</td><td>19</td><td>1.5 - 3.0</td></tr><tr><td>5</td><td>Bhavani</td><td>7</td><td>1.8 - 2.7</td></tr><tr><td>6</td><td>Thamirabarani</td><td>12</td><td>2.0 - 3.0</td></tr><tr><td>7.</td><td>Amaravathi</td><td>2</td><td>2.2 - 2.5</td></tr><tr><td>8.</td><td>Palar</td><td>1</td><td>2.0</td></tr><tr><td>9.</td><td>Cooum</td><td>5</td><td>9.0 - 30.0</td></tr><tr><td>10.</td><td>Adyar</td><td>5</td><td>5.0 - 11.0</td><td></td></tr></table>		Sl. No.	Name of the River	No. of Monitoring Locations	BOD mg/L	Bathing Standard	1	Sarabanga	1	No flow	BOD < 3 mg/L	2	Thirumanimutharu	1	36	3	Vasista	1	40	4	Cauvery	19	1.5 - 3.0	5	Bhavani	7	1.8 - 2.7	6	Thamirabarani	12	2.0 - 3.0	7.	Amaravathi	2	2.2 - 2.5	8.	Palar	1	2.0	9.	Cooum	5	9.0 - 30.0	10.	Adyar	5	5.0 - 11.0	
Sl. No.	Name of the River	No. of Monitoring Locations	BOD mg/L	Bathing Standard																																													
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9.	Cooum	5	9.0 - 30.0																																														
10.	Adyar	5	5.0 - 11.0																																														
10.	Reuse of treated wastewater :97.0 MLD of treated industrial effluent is reused. 80.50 MLD of treated sewage is reused for agricultural and industrial purposes.																																																

11.	Maintenance of ground and surface water quality – WRD a. Ground water quality: Along the polluted river stretches monitoring wells have been provided and the ground water is monitored. b. Ground water regulation: Ground water (Management and development) Act to regulate and manage the extraction of Ground water is under active consideration of the Government. c. Good irrigation practices adopted by the State: Village level awareness meetings are carried-out by the WRD to adopt crop rotation and good irrigation practices. Rehabilitation and modernization of tanks are carried-out by the WRD. d. Rain Water Harvesting: 127 existing RWH structures along the PRS are provided; 12 Nos. are under progress and 56 Nos. of recharging wells and check dams are proposed. e. Demarcation of flood plain zones and removal of encroachments: In the PRS for demarcation of flood plain zones and removal of encroachments drone surveys are proposed for which DPR is under preparation. f. E-flow: It will be maintained in the rivers of Sarabanga, Thirumanimutharu, Vasista after completion of STPs. In the rivers of Cauvery, Bhavani and Thamirabarani E- flow is being maintained.
12.	Preparation of Action Plans For eight Polluted River stretches Action Plans have been prepared and are being implemented. For Cooum and Adyar Polluted River Stretches Action Plans are being finalized. On approval of the River Rejuvenation Committee the Action Plans will be furnished to CPCB for approval.

Annexure- 1
INCREMENTAL PROGRESS OF STPs UNDER CONSTRUCTION

Sl.No	Location	Capacity (MLD)	% of Completion		Incremental Progress %
			Oct 2024	Nov 2024	
	CMWSSB				
1.	Sholinganallur STP (Phase II)	54	96.50	96.50	-
2.	Perungudi TTUF	10	89.50	89.50	-
3.	Villivakkam TTUF	5	25.00	26.20	1.20
	Total (3 Nos.)	69			
	DMA				
4.	Vellore	50.0	99	100	1.0
5.	Rameshwaram	4.08	99	100	1.0
6.	Ponneri	6.52	99	100	1.0
7.	Pammal & Anagaputhur	27.0	85	90	5.0
8.	Tindivanam	11.44	94.87	97	2.13
9.	Trichy	100	-	10	10
10.	Villupuram Added Area	4.56	Soil test and Structural Design submitted to the TWADB SE – awaiting for STP construction structural design approval.		
	Total (7 Nos.)	203.6			

	CTP	Capacity (MLD)	% of Completion		Incremental Progress %		
			Oct 2024	Nov 2024			
11.	Mukkudal(PRS)	1.50	60	65	5.0		
12.	Gopalasamudram(PRS)	1.40	75	80	5.0		
13.	Kallidaikurichi(PRS)	3.09	90	90	-		
14.	Veeravanallur(PRS)	2.79	80	80	-		
15.	Naranammalpuram(PRS)	0.01	70	70	-		
16.	Karunkuzhi	1.00	5	5	-		
17.	Chengam	1.00	10	10	-		
18.	Alangayam	1.00	10	10	-		
19.	Karimangalam	1.00	10	10	-		
20.	Pennagaram	1.00	10	10	-		
21.	Udayarpalayam	1.00	10	10	-		
22.	Kurumbalur	1.00	10	10	-		

23.	Mudukulathur	1.00	10	10	-	
24.	Pennadam	2.00	10	10		
25.	Thirukalukundram	2.02	5	5	-	
26.	Pudhuvayal	1.01	5	5	-	
27.	Iluppur	1.01	5	5	-	
28.	T. Kallupatti	1.01	5	5	-	
29.	Peraiyur	1.01	20	20	-	
30.	Thiruvaiyaru(PRS)	1.01	35	35	-	
31.	Polur	STP cum FSTP	2.01	Work order issued on 02.12.24. Work to be Started.		
32.	Kannamanagalam		1.01	Work order issued on 02.12.24. Work to be Started.		
33.	Veeraganur		1.01	Tender Received. Tender Evaluation work under progress		
34.	Modakurichi		1.01	Work order issued on 12.11.24. Work to be Started.		
35.	Muthur		1.01	Work order issued on 19.11.24. Work to be Started.		
36.	Veerapandi		2.01	Retender Called on 23.12.2024		
37.	Srimushnam		1.01	Tender Received. Tender Evaluation work under progress		
38.	Marakkanam		1.01	Work order issued on 25.11.24. Work to be Started.		
39.	Thiruvennainallur		1.01	Work order issued on 20.11.24. Work to be Started.		
40.	Sankarapuram		2.01	Work order issued on 25.11.24. Work to be Started.		
41.	Kattupudur		1.01	Work order issued on 26.11.24. Work to be Started.		
42.	Thathaiyangarpet		1.01	Work order issued on 06.12.24. Work to be Started.		
43.	Ponnampatti		1.01	Work order issued on 26.11.24. Work to be Started.		
44.	Kallakudi		1.01	Work order issued on 5.12.24. Work to be Started.		
45.	Mettupalayam		1.01	Work order issued on 5.12.24. Work to be Started.		
46.	P.J.Cholapuram		1.01	Work order issued on 6.12.24. Work to be Started.		
47.	Alanaganallur		1.01	Retender Called on 18.12.2024		
48.	Elumalai		2.01	Work order issued on 26.11.24. Work to be Started.		
49.	Ilayangudi		1.01	Work order issued on 29.11.24. Work to be Started.		
50.	Kanadukathan		1.01	Work order issued on 29.11.24. Work to be Started.		

51.	Yethapur (PRS)		1.01	Work order issued on 12.11.24. Work to be Started.
52.	Labbaikudikadu		1.01	Tender Received. Tender Evaluation work under progress
Total (42 Nos.)			52.08	
Grand Total (52 Nos.)			324.68	

<u>INCREMENTAL PROGRESS OF FSTPs UNDER CONSTRUCTION</u>					
Sl.No	Location	Capacity (MLD)	% of Completion		Incremental Progress %
			October 2024	Nov 2024	
	DMA				
1	Padmanabhapuram	0.02	75	75	-
2	Gudalur	0.02	95	95	-
3	Walajapet	0.03	32	32	-
4	Sivakasi	0.04	58	58	-
5	Keelakarai	0.02	93	93	-
6	Vaniyambadi	0.03	63	63	-

Annexure-2

INCREMENTAL PROGRESS OF MUNICIPAL SOLID WASTE MANAGEMENT-STATE
(ULBs)

Sl. No	Details	June 2024	July 2024	August 2024	Sept 2024	Oct 2024	Nov 2024	Incremental increase (%) (Oct 2024 to Nov 2024)
1	MSW generation (TPD)	15479	15467	15290	15390	15382	15209	-
2	MSW treatment capacity (TPD)	10456	10849	10489	10415	10486	10426	-
3	MSW utilization (TPD)	9278	9328	9248	9364	9339	9281	-
