



TAMIL NADU POLLUTION CONTROL BOARD

From Thiru R.Kannan, M.Tech., Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600032.	To 1. The Executive Director-Technical, NMCG, Ministry of Jal Shakthi, First floor, Major Dhyana Chand National Stadium, New Delhi-110002. 2. The Principal Secretary to Govt., Environment, Climate Change and Forests Department, Government of Tamil Nadu, Secretariat, Chennai- 600 009.
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Lr.No.TNPCB/DDL/F-6849/PRS-MPR/2019/dated:18.09.2024.

Madam,

Sub: TNPCB-Submission of Revised Monthly Progress Report for the month
of **August 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: 05.09.2024.

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 **August 2024** for kind perusal.

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

Encl: As above

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//Forwarded by Order//

Sd/-R.Kannan
Member Secretary

Joint Chief Environmental Engineer
(WQMD)

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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: AUGUST 2024.

Overall status of the State:

- I.** Total Population:72.14 million
Urban Population:34.95 million
Rural Population:37.19 million
- II.** a.Estimated Sewage Generation (MLD): 3938.29 MLD (State)
b. Estimated Sewage Generation (MLD): 409.46 MLD (PRS)

III. 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 2450.98	25 391.71
2.	Existing No. of FSTP and Capacity (in MLD)	45 1.189	6 0.06
3.	Sewage being treated through Alternate technology (MLD)	1094.75	1.56
4.	Total	3546.919	393.33
5.	Gap in Treatment Capacity in MLD	391.371	16.13
6.	Under Construction STPs & FSTP (MLD)’	198.62	-
7.	Capacity Utilization of existing STPs & FSTPs & Alternate Technology	2197.579	160.28
8.	No. of Operational STPs	106	25
9.	No. of Complying STPs	106	25
10	No. of Non-complying STPs	Nil	Nil

Note: The Utilization Capacity of 106 STPs & 45 FSTPs including alternate technology which are being adopted in Rural Panchayats in the State is 61.97 %.

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	147.13		
1.	Koyambedu STP Zone – III	34	28.14	Operational	Complied
2.	Koyambedu STP Zone – III	60	52.04	Under Rehab	-
3.	Koyambedu STP Zone – III	120	61.96	Operational	Complied
4.	CRRT - Chetpet MSTP	1.0	0.44	Operational	Complied
5.	CRRT- Nungambakkam MSTP	1.2	1.14	Operational	Complied
6.	CRRT – Langs Garden TTUF	10	3.41	Operational	Complied

II	Adyar River	181.6	98.90		
7	Nesapakkam STP Zone –IV	40	17.14	Operational	Complied
8	Nesapakkam STP Zone IV	54	42.71	Operational	Complied
9	Nesapakkam STP Zone -IV	50	36.39	Operational	Complied
10	Nesapakkam TTUF	10	-	Under Maintenance	Complied
11	CRRT - Todd Hunter Nagar MSTP	4	2.06	Operational	Complied
12	CRRT -Kotturpuram MSTPs	0.6	0.6	Operational	Complied
13	Nesapakkam STP Zone –IV	23	0	Non operational – Under study for Rehab	-
	Buckingham Canal	745	336,32		
14	Kodungaiyur STP Zone – II New	120	96.15	Operational	Complied
15	Kodungaiyur STP Zone – I New	120	75.87	Operational	Complied
16	Perungudi STP Zone – V New	60	34.36	Operational	Complied
17	Perungudi STP Zone-V	54	53.98	Operational	Complied
18	Perungudi STP Zone-V	60	58.07	Operational	Complied
19	Sholinganallur STP (phase I)	18	17.89	Operational	Complied
20	Thiruvottriyur STP	31	0	Under Maintenance	Complied
21	Kodungaiyur STP Zone I & II	110	0	Non- operational – Flow diverted to 2*120 MLD	-
22	Kodungaiyur STP Zone II	80	0	Non- Operational under rehab	-
23	Kodungaiyur STP Zone I	80	0		-
24	Perungudi STP Zone-V	12	0	Non- Operational under rehab	
	Total – 24 Nos.	1152.80	582.35		
DMA					
25	Coimbatore- Ukkadam	70.0	35.0	Operational	Complied
26	Coimbatore- Ondiputhur	60.0	3.0	Operational	Complied
27	Coimbatore- Nanjudapuram	40.0	10.0	Operational	Complied
28	Coimbatore- Kuruchi&Kuniamuthur	30.53	-	Under trial run	Partially Complied
29	Vellore	10.28	8.0	Operational	Complied

30	Dindigul	13.65	4.0	Operational	Complied
31	Avadi	36.0	8.00	Operational	Complied
32	Avadi	4.0	2.00	Operational	Complied
33	Madurai-1	125.0	24.0	Operational	Complied
34	Madurai-2	45.70	15.0	Operational	Complied
35	Thanjavur	28.05	14.00	Operational	Complied
36	Tiruppur	15.0	8.50	Operational	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	Operational	Complied
41	Kanchipuram	14.70	14.70	Operational	Complied
42	Maraimalai Nagar	2.20	2.20	Operational	Complied
43	Tiruvallur	6.20	5.50	Operational	Complied
44	Chidambaram	9.44	7.60	Operational	Complied
45	Thiruvannamalai	8.70	5.25	Operational	Complied
46	Viluppuram – Kakuppam	9.0	8.00	Operational	Complied
47	Viluppuram -Erumanthangal	3.50	2.50	Operational	Complied
48	Arakkonam	11.04	4.0	Operational	Complied
49	Thirupathur	11.43	4.0	Operational	Complied
50	Bodinayakkanur	12.08	5.50	Operational	Complied
51	Chinnamanur	3.99	3.72	Operational	Complied
52	Periyakulam	5.47	4.0	Operational	Complied
53	Ramanathpuram	7.0	6.50	Operational	Complied
54	Rasipuram	6.96	3.50	Operational	Complied
55	Theni-Allinagaram	12.05	9.50	Operational	Complied
56	Sivagangai	4.92	3.50	Operational	Complied
57	Dharmapuri	4.86	3.90	Operational	Complied
58	Karur	15.0	6.50	Operational	Complied
59	Krishnagiri	12.34	8.0	Operational	Complied
60	Namakkal	7.0	6.20	Operational	Complied
61	Nagapattinam STP-1	9.63	5.10	Operational	Complied

62	Nagapattinam STP-2	2.69	1.10	Operational	Complied
63	Tiruvarur	6.92	4.10	Operational	Complied
64	Ariyalur	4.16	2.10	Operational	Complied
65	Pudukkottai	10.62	8.50	Operational	Complied
66	Perambalur	4.20	3.60	Operational	Complied
67	Udhagamandalam	5.0	4.0	Operational	Complied
68	Udumalaipet	7.81	4.85	Operational	Complied
69	Virudhunagar	7.65	3.80	Operational	Complied
70	Tambaram	30.0	14.0	Operational	Complied
71	Tuticorin	28.0	9.0	Operational	Complied
72	Thiruchendur	3.90	2.0	Operational	Complied
73	Ulunderpettai	3.15	0.67	Under trial run	Complied
74	Pollachi	11.25	2.90	Under trial run	Complied
75	Sattur	4.65	1.50	Under trial run	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	Operational	Complied
79	PRS -Tiruchirappalli	58.0	58.0	Operational	Complied
80	Tiruchirappalli – STP 2	37.0	-	Under trial run	Partially Complied
81	Salem - Vellakuttai STP	13.0	12.0	Operational	Complied
82	Salem - Anaimeedu STP	6.0	5.0	Operational	Complied
83	Salem - Mankuttai STP	35.0	29.0	Operational	Complied
84	Salem - Vandipettai STP	44.0	1.0	Operational	Complied
85	Tirunelveli	24.20	10.50	Operational	Complied
86	Erode	50.55	25.0	Operational	Complied
87	Mettur STP-1	0.82	0.354	Operational	Complied
88	Mettur STP-2	1.92	0.314	Operational	Complied
89	Mettur STP-3	5.45	2.834	Operational	Complied
90	Kumbakonam	17.0	13.50	Operational	Complied
91	Mayiladuthurai	5.85	5.85	Operational	Complied
92	Sathiyamanagalam	4.08	1.0	Operational	Complied
93	Mettupalayam	8.65	0.70	Operational	Complied
94	Ambur	16.71	-	Under trial run	Partially Complied
	Total - 70 Nos.	1252.71	492.14		

	CTP				
95	Mamallapuram TP	2.34	2.34	Operational	Complied
96	Orathanadu TP	2.30	1.95	Operational	Complied
97	Palanichettypatti TP	2.80	2.80	Operational	Complied
98	Thirumazisai TP	3.0	3.0	Operational	Complied
99	Velankanni TP	2.33	2.10	Operational	Complied
100	Manachanallur TP	6.41	1.85	Operational	Complied
101	S. kannanur TP				
102	Vallam TP	2.35	2.35	Operational	Complied
103	Perundurai TP	3.14	2.10	Operational	Complied
104	Melachokanathapuram TP	2.0	1.90	Operational	Complied
105	Sulur	2.17	0.80	Operational	Complied
106	Cheranmahadevi	1.97	1.97	Operational	Complied
107	Patthamadaai	1.61	1.61	Operational	Complied
108	Sriperumbudur	8.50	0.80	Operational	Complied
109	Thiruporur	4.02	1.05	Operational	Complied
110	Melaseval	0.53	0.53	Operational	Complied
	Total (16 Nos)	45.47	27.15		
Grand Total (110 Nos.)		2450.98	1101.64		

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	Kangayam	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	0.030	Operation	Complied
38.	Chengam TP	0.020	0.020	Operation	Complied
39.	Alangayam TP	0.015	0.013	Operation	Complied
40.	Mudukulathur	0.015	0.012	Operation	Complied

41.	Jalakandapuram	0.015	0.013	Operation	Complied
42.	Kurumbalur TP	0.010	0.009	Operation	Trial Run
43.	Pennadam TP	0.010	0.005	Operation	Trial Run
44	Pennagaram	0.015	0.005	Operation	Trial Run
45	Kaveripattinam TP	0.015	0.005	Operation	Trial Run
	Total (10 Nos)	0.189	0.136		
	Grand Total (45 Nos)	1.189	1.136		

Details of under construction STPs in Tamil Nadu

S.No.	Location		Capacity of the plant (MLD)	Physical Progress in %	Status of I&D or House sewer connection	Completion Timeline
CMWSSB						
1	SholinganallurSTP(Phase II)		54	96.0		Sept 2024 (36 +18) 18 MLD trial run under progress
2.	Perungudi TTUF		10	89.50		March 2025
3.	Villivakkam TTUF		5	14.22		Dec 2025
Total (3 Nos.)			69			
DMA						
4.	Vellore		50.0	93		Dec- 24
5.	Rameshwaram		4.08	98		Sept- 24
6.	Ponneri		6.52	97		Sept - 24
7.	Pammal&Anagaputhur		27.0	85		Sept -24
8.	Tindivanam		11.44	94.87		Sept-24
9.	Villupuram Added Area		4.56	Land identified. Soil Bearing Capacity (SBC) test conducted, SBC basin earthwork under progress.		
Total (6 Nos.)			103.60			
CTP						
S.No	Location	STP / FSTPs	Capacity of the plant (MLD)	Status of DPR Preparation	Status of award of tender	Treatment technology along with completion timelines
10.	Mukkudal	STP	1.50	Completed	DTP	Administrative Sanction / Technical Sanction issued on 21.03.2022. Works are in various stages
11.	Gopalamasudram	STP	1.40	Completed	DTP	
12.	Kallidaikurichi	STP	3.09	Completed	DTP	
13.	Veeravanallur	STP	2.79	Completed	DTP	
14.	Naranammalpuram	STP	0.01	Completed	DTP	
15.	Karunkuzhi	STP	1.00	Completed	DTP	
16.	Chengam	STP	1.00	Completed	DTP	
17.	Alangayam	STP	1.00	Completed	DTP	

18.	Karimangalam	STP	1.00	Completed	DTP	Administrative Sanction issued on 04.03.2024 Technical Sanction issued on 15.03.2024. Works are in various stages
19.	Pennagaram	STP	1.00	Completed	DTP	
20.	Udayarpalayam	STP	1.00	Completed	DTP	
21.	Kurumbalur	STP	1.00	Completed	DTP	
22.	Mudukulathur	STP	1.00	Completed	DTP	
23.	Pennadam	STP	2.00	Completed	DTP	
24.	Thirukalukundram	STP	2.02	Completed	DTP	Administrative Sanction issued on 04.03.2024 Technical Sanction issued on 15.03.2024. Works are in various stages
25.	Pudhuvayal	STP cum FSTP	1.01	Completed	DTP	
26.	Iluppur		1.01	Completed	DTP	
27.	T. Kallupatti		1.01	Completed	DTP	
28.	Peraiyur		1.01	Completed	DTP	
29.	Thiruvaiyaru		1.01	Completed	DTP	
Total (20 Nos.)			25.86			
	Grand Total (29 Nos)		198.46			

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 retender will be called for
2	Gudalur	0.02	95	Sept - 2024
3	Walajapet	0.03	32	Tender Cancelled retender will be called for
4	Keelakarai	0.02	93	Sept - 2024
5	Sivakasi	0.04	58	Nov- 2024
6	Vaniyambadi	0.03	63	Nov - 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	Tender received on 04.07.2024 and under evaluation.
2	Hosur -1	2	32.65	Tender received on 10.07.2024 and under evaluation.
3.	Hosur -2			
4.	Tiruchirapalli	1	100	Work order issued on 25.06.2024
5.	Tirunelveli	1	58	Tender received & under evaluation
6	Karur	1	18.45	DPR under appraisal.
7	Mannargudi	1	10.05	Tender received on 04-07-24 and under evaluation

8	Arupukottai	1	13.24	Tender received on 04-07-24 and under evaluation
9	Maraimalai Nagar - 1	2	15.92	Tender extended to 28.08.24
10	Maraimalai Nagar - 2			
11	Chengalpattu	1	11.35	Tender extended to 27.08.24
12	Palani	1	12.88	Tender extended to 9.07.24 Evaluation submitted to TNUIFSL
13	Poonamalaie, Thiruverkadu&Mangadu	1	80.91	Bid document under preparation
14	Cuddalore	1	12.59	Price bid opened on 12-07-24. 1st negotiation called.
15	Dindigul -1	2	17.80	Price bid opened on 27-05-24. 2 nd negotiation called.
16	Dindigul- 2			
17	Kancheepuram	1	30.00	LOA issued on 12-08-24
18	Thiruvannamalai	1	13.40	Tender received & under evaluation
19	Pudukottai	1	10.80	Tender award committee approval
20	Namakkal	1	11.23	Tender received & under evaluation
21.	Dharmapuri	1	5.21	Revised Technical Bid Evaluation. Report submitted and under review by TNUIFSL
22.	Mayiladuthurai	1	9.37	Tender extended to 28.08.2024
	Total	22	473.8	

CTP					
Location		STP/ FSTPs	STP/FSTPs Capacity (in MLD	Status of Project	Remarks
23	Sirugamani TP	STP	0.84	DPR Stage	DPR is under preparation by WAPCOS / PWD.
24	Mohanur TP		0.55	DPR Stage	
25	Velur TP		1.19	DPR Stage	
26	Bhavani sagar TP		0.90	DPR Stage	
27	Madathukulam TP		0.50	DPR Stage	
28	Omalur TP		1.16	DPR Stage	
29	Poolampatty TP		0.16	DPR Stage	
30	Kuthalam TP		0.10	DPR Stage	
31	Thirukattupalli TP		0.01	DPR Stage	
32	Pethanaickenpalayam TP	STP	2.10	Completed	Tamil Nadu Water Investment Company has been appointed as consultant for preparation of DPR and the DPR submitted on 15.02.2022; under scrutiny.
33	Belur TP		1.71	Completed	
34	Srivaikundam TP		1.15	Completed	
35	Authoor TP		0.20	Completed	
36	Eral TP		0.55	Completed	
37	Alwarthirunagari TP		0.60	Completed	
38	Then Thiruperaai TP		0.03	Completed	
39	Arumuganeri TP		0.01	Completed	
40	Polur	STP cum FSTP	2.01	Completed	Administrative Sanction is accorded on 14.03.2024, awaiting for G.O.
41	Kannamanagalam		1.01	Completed	

42	Veeraganur	STP cum FSTP	1.01	Completed	Administrative Sanction is accorded on 14.03.2024, awaiting for G.O.
43	Modakurichi		1.01	Completed	
44	Muthur		1.01	Completed	
45	Veerapandi		2.01	Completed	
46	Srimushnam		1.01	Completed	
47	Marakkanam		1.01	Completed	
48	Thiruvennainallur		1.01	Completed	
49	Sankarapuram		2.01	Completed	
50	Kattupudur		1.01	Completed	
51	Thathaiyangarpet		1.01	Completed	
52	Ponnampatti		1.01	Completed	
53	Kallakudi		1.01	Completed	
54	Mettupalayam	STP cum FSTP	1.01	Completed	Administrative Sanction is accorded on 14.03.2024, awaiting for G.O.
55	P.J.Cholapuram		1.01	Completed	
56	Alanaganallur		1.01	Completed	
57	Elumalai		2.01	Completed	
58	Ilayangudi		1.01	Completed	
59	Kanadukathan		1.01	Completed	
60	Yethapur		1.01	Completed	
61	Labbaikudikadu	STP cum FSTP	1.01	Completed	Administrative Sanction is accorded on 24.07.2024, awaiting for G.O.
62	Panapakkam	STP cum FSTP	1.01	DPR Stage	-
63	Bargur		2.01	DPR Stage	
64	Denkanikottai		2.01	DPR Stage	
65	Erumaipatti		1.01	DPR Stage	
66	Namagiripettai		2.01	DPR Stage	
67	R. Pudupatti				
68	Seerapalli		3.01	DPR Stage	
69	Senthamanagalam				
70	Kelamangalam		2.01	DPR Stage	
71	Vennanthur				
72	Athanur		2.01	DPR Stage	
73	Odaiyakulam				
74	Anaimalai		1.01	DPR Stage	
75	Sarkarsamakulam				

76	Chettipalayam	STP cum FSTP	1.01	DPR Stage	
77	Suleeswaranpatti	STP cum FSTP	2.01	DPR Stage	-
78	Zamin Uthukuli		2.01	DPR Stage	
79	Ananthapuram		1.01	DPR Stage	
80	Poolambadi		1.01	DPR Stage	
81	Varatharajanpettai		1.01	DPR Stage	
	Total		62.13		
	Grand Total 81 Nos		535.93		

IV. 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 Units 36 Nos.)-3650 KLD capacity. It will be commissioned early. Details furnished below	

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, Maligaithope 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 – SIDCO Phase 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 31/3/2024 Renewal Application is under process	Complied
30	M/s. Madhavaram Leather Manufactures Facility (P) Ltd., Madhavaram	1	14	400	Operation	Connected	RCO valid up to 31/3/2024 Renewal Application is under process	Complied
31	M/s. Pallavaram Tanners Industrial Effluent Treatment Company Limited, Chrompet, Chennai	1	130	3000	Operation	Connected	RCO valid up to 31/3/2025	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 TECHNOLOGI ES 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	1.The Secretary, Ministry of Textiles, GOI, New Delhi addressed vide letter No. 16.06.2021 to the Chief Secretary, Government of Tamil Nadu wherein it has been stated that the funding
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.

Sl. No.	Town	Name of CETPs	CETP Capacity (MLD)	Status of Consent
6.	Erode	M/s.Suriyampalayam Common Effluent Treatment Plant Private Limited, Erode	4.2	2.No member unit is in operation without ZLD system; Other member units are proposed industries only, ie. Green sites only 3.GOI share is awaited. CTE issued upto 31.03.2024.
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	
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- 15,290 TPD. Note: The MSW of RLB is furnished separately in the dossier below.	ULB - 1793
3.	a. Number of facilities b. Installed capacity –TPD 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.,	3751 (DMA- 2178+CTP- 1219+ GCC-354) 10489 (DMA- 7142+CTP- 1888 + GCC – 1459) 9248(DMA- 6362 + CTP - 1888 + GCC-998) The utilization capacity is 88.17 %	452 1606 1415
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, No. of wards practicing segregation at source	12,518 11,428	1180 1087
7	Details of MSW treatment facilities proposed and under construction (No., capacity, and technology)	Proposed – 45 Nos. (DMA-18, CTP – 20, GCC - 7). Capacity :2230 TPD (DMA-2230 TPD)	6 No. 645 TPD
		Under Construction- 115 Nos. (DMA- 95+ CTP- 15 + GCC -5) Capacity 1243.9 TPD (DMA-713+CTP – 30.9 + GCC 500) 6 incinerator plants of 30 TPD & 9 pyrolysis plants of 0.9 TPD are completed and are in trial run.	29Nos, 263 TPD
		(Technology: Windrow composting, Vermi composing, 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 2,37,23,768Cum. Total quantity of Legacy Waste Biomined upto the month of August 2024 is 1,45,69,424Cum. Note: 194 ULBs, have achieved 100% biomining.(Directorate of Municipal Administration has included additional 34.49 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
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1.	Current Municipal Solid Waste Generation TPD	1272	8.30
2.	Number of Village Panchayats	12525	31
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)	ProposedMSWFacilities& Completion timeline
DMA	7518	7142	Windrow/Vermi composting, Biogas generation	6362	95Nos. 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	5932	1459	Windrow/Vermi composting, Bio-gas generation	998	5 Nos. of MSW treatment facilities are under construction.
Total	15290	10489		9248	

VI. Bio-Medical Waste Management (BWM):

S.No	BWM	State	PRS
1.	Total Bio-medical generation (TPD)	a) Authorized quantity :114.22 T/Day. b) Average generation: 59.26 T/day.	Authorized quantity: 12.059 T/Day
2.	No. of Hospitals and Health Care Facilities:	30,363	6,554

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.
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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 lakhs T/A Recylable: 4.16 lakhs T/A Utilizable : 5.63 lakhs T/A Land fillable : 1.33 lakhs T/A Incinerable : 0.29 lakhs 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.TSDF Gummidipoondi :</u> a) Permitted hazardous waste SLF : 3 lakh T/ <u>A</u> b) Permitted for Incineration : 0.12 lakh T/ <u>A</u> c) Preprocessing : 0.50 lakh T/ <u>A</u> <u>2.TSDF Viruthunagar :</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/ <u>A</u>
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)	1743	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: Nil

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

Total out falls in Ten Polluted River Stretches			
Sl.No.	Name of the river	Total No of Out falls.	Remarks
1	Sarabanga	28	35 Nos. of STPs / FSTPs are under construction. - To bridge the gap 81 Nos. of STPs / FSTPs proposals are evolved by local bodies. - At Cooum and Adyar PRS, outfalls are being plugged by local bodies.
2	Vasista	5	
3	Cauvery	39	
4	Thirumanimutharu	7	
5	Bhavani	40	
6	Tamirabarani	20	
7.	Palar	10	
8.	Amaravathi	11	
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. 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 August 2024

Sl.No.	Name of the River	No of Monitoring Locations	BOD mg/L
1	Sarabanga	1	No flow
2	Thirumanimutharu	1	60
3	Vasista	1	90
4	Cauvery	19	< 2 – 2.7
5	Bhavani	7	< 2 – 2.7
6	Thamirabarani	12	2.0 – 3.0
7.	Amaravathi	3	2.2 – 2.3
8.	Palar	1	No flow
9.	Cooum	7	17- 28
10.	Adyar	5	6 - 33

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, Idaipadi, 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 ie. in these places TDS value ranges between 221 mg/L to 2033 mg/L.
Vasista	The SG&SWRDC is having monitoring wells for observing water quality data for the areas Papanaiickenpatti, 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 2763 mg/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, 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, Thiruvidaimaruthur, 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	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.
Thirumanimutharu	
Vasista	
Cauvery	A Comprehensive Groundwater (Management and Development) Act, to regulate and manage the extraction of Groundwater is under active consideration of the Government of Tamil Nadu.The draft act has been approved by the high-level technical committee headed by the Chief Secretary. In Thamirabarani basin area 9 illegally operating firms have been sealed and closed.
Bhavani	
Thamirabarani	

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	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.
Bhavani	
Thamirabarani	

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
Vasista	16	--	--
Cauvery	44	10	29
Bhavani	45	-	--
Thamirabarani	9	2	Barrages 3 Nos.
Total	125	14	56

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 NCRD through EPTRI. The NCRD has accorded approval and given recommendations. The replies to NCRD observations and also funding patten 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 NCRD through EPTRI. The NCRD has accorded approval and given recommendations. The replies to NCRD 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.
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 NCRD has accorded approval and given recommendations. The replies to NCRD observations and also funding pattern are submitted to the Govt. of TN for getting financial concurrence. 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 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 14.10.2024.
Thamirabarani	a. To prepare comprehensive flood protection plan for Thamirabarani River Rs. 4.00 Lakhs has been allotted vide GO Ms. No. 37 Revenue (DMII) Department 9.02.2017. Estimate has been prepared for Rs. 4.00 Lakhs for the demarcation of Flood plain zone & steps are being taken for the protection and management of Flood plain Zones of Thamirabarani River. b. Moreover in Tirunelveli Corporation, Prosopis juliflora on the river stretches for a length of 10km from Vilagam to Naranammalpuram river bridge were removed at a cost of 140.00 lakhs vide GO(2D) No. 14 PW (P2) Dept Dated 8.03.2019 to restore the River course for a free flow of flood water.

	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>683</td><td>639</td><td>44</td></tr><tr><td>2.</td><td>Thoothukudi</td><td>1084</td><td>117</td><td>967</td></tr><tr><td></td><td>Total</td><td>1767</td><td>756</td><td>1011</td></tr></table>				Sl. No.	District	Encroachment (Nos.)	Evicted (Nos.)	Balance to be evicted (Nos.)	1.	Tirunelveli	683	639	44	2.	Thoothukudi	1084	117	967		Total	1767	756	1011
Sl. No.	District	Encroachment (Nos.)	Evicted (Nos.)	Balance to be evicted (Nos.)																				
1.	Tirunelveli	683	639	44																				
2.	Thoothukudi	1084	117	967																				
	Total	1767	756	1011																				

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 food 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 August 2024 an E Flow of 2.916 TMC was maintained.
Bhavani	An E flow of 2499.12 Mcft. (including Irrigation purpose) was maintained in the river Bhavani during the Month of August 2024.

Thamirabarani	An average of 1069.20 cusecs of water is released into the river in the month of August 2024 to ensure minimum environmental flow.
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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 NCRD through EPTRI. The NCRD has accorded approval and given recommendations. The replies to NCRD 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 NCRD through EPTRI. The NCRD has accorded approval and given recommendations. The replies to NCRD 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 NCRD through EPTRI. The NCRD has accorded approval and given recommendations. The replies to NCRD 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 NCRD through EPTRI. The NCRD has accorded approval and given recommendations. The replies to NCRD observations and also funding pattern are submitted to the Govt. of TN for getting financial concurrence.
Thamirabarani	At present there is no proposal on plantation on the River Banks and investigation works are being taken to implement it by Forest Department.

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 NCRD through EPTRI. The NCRD has accorded approval and given recommendations. The replies to NCRD 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 NCRD through EPTRI. The NCRD has accorded approval and given recommendations. The replies to NCRD 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 UrbanLocal 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.193dated: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. 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 are under implementation in different stages.

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 improvements so as to improve the water quality of the Polluted River Stretches.

**Gist of Report on the progress made on the Polluted River Stretches
Tamil Nadu State
Month: August 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	3938.29 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	29 STPs (198.46 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 1.22 % has been achieved during August 2024 as furnished in Annexure-1 .
c.	Proposed STPs:	81 STPs (535.93 MLD capacity) are proposed to fill the gap of treatment of sewage.
4 a.	Existing MSW treatment :	a) Generation – 15,290 TPD . b) Treatment capacity – 10,489 TPD (Incremental Progress is furnished in Annexure - 2)
b	Under construction MSW Facilities:	115 MSW facilities are being constructed to a capacity of 1243.9 TPD .
c.	Proposed MSW Facilities	45 Nos. of facilities are proposed to a capacity of 2230 TPD .
d	Bio -mining	a) Generated - 2,37,23,768 Cum. b) Treated - 1,45,69,424 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 - 30,363 b) Authorized quantity of BMW - 114.22 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 lakhs T/A Utilizable : 5.63 lakhs T/A Land fillable : 1.33 lakhs T/A Incinerable : 0.29 lakhs 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 under progress.																																															
9	Water Quality in Polluted River Stretches August 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>60</td></tr><tr><td>3</td><td>Vasista</td><td>1</td><td>90</td></tr><tr><td>4</td><td>Cauvery</td><td>19</td><td>< 2 – 2.7</td></tr><tr><td>5</td><td>Bhavani</td><td>7</td><td>< 2 – 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 – 2.3</td></tr><tr><td>8.</td><td>Palar</td><td>1</td><td>No flow</td></tr><tr><td>9.</td><td>Cooum</td><td>5</td><td>17 - 28</td></tr><tr><td>10.</td><td>Adyar</td><td>5</td><td>6 - 33</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	60	3	Vasista	1	90	4	Cauvery	19	< 2 – 2.7	5	Bhavani	7	< 2 – 2.7	6	Thamirabarani	12	2.0 – 3.0	7.	Amaravathi	2	2.2 – 2.3	8.	Palar	1	No flow	9.	Cooum	5	17 - 28	10.	Adyar	5	6 - 33	
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8.	Palar	1	No flow																																														
9.	Cooum	5	17 - 28																																														
10.	Adyar	5	6 - 33																																														
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: 125 existing RWH structures along the PRS are provided; 14 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.
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Annexure- 1
INCREMENTAL PROGRESS OF STPs UNDER CONSTRUCTION

Sl.No	Location		Capacity (MLD)	% of Completion		Incremental Progress %
				July 2024	August 2024	
	CMWSSB					
1.	Sholinganallur STP (Phase II)		54	95.0	96.0	1.0
2.	Perungudi TTUF		10	89.50	89.50	-
3.	Villivakkam TTUF		5	13.00	14.22	1.22
	DMA					
4.	Vellore		50.0	93	93	-
5.	Rameshwaram		4.08	98	98	-
6.	Ponneri		6.52	97	97	
7.	Pammal & Anagaputhur		27.0	85	85	-
8.	Tindivanam		11.44	94.87	94.87	-
9.	Villupuram Added Area		4.56	Land identified. Soil Bearing Capacity test conducted, SBC basin earthwork under progress.		
	CTP					
	Location	STP / FSTPs	Capacity of the plant (MLD)	Status of DPR Preparation	Status of award of tender	Treatment technology along with completion timelines
10.	Mukkudal	STP	1.50	Completed	DTP	Administrative Sanction / Technical Sanction issued on Date: 21.03.2022. Works are in various stages
11.	Gopalamudram	STP	1.40	Completed	DTP	
12.	Kallidaikurichi	STP	3.09	Completed	DTP	
13.	Veeravanallur	STP	2.79	Completed	DTP	
14.	Naranammalpuram	STP	0.01	Completed	DTP	
15.	Karunkuzhi	STP	1.00	Completed	DTP	Administrative Sanction issued on Date: 04.03.2024 Technical Sanction issued on Date:
16.	Chengam	STP	1.00	Completed	DTP	
17.	Alangayam	STP	1.00	Completed	DTP	
18.	Karimangalam	STP	1.00	Completed	DTP	
19.	Pennagaram	STP	1.00	Completed	DTP	
20.	Udayarpalayam	STP	1.00	Completed	DTP	

21.	Kurumbalur	STP	1.00	Completed	DTP	15.03.2024. Works are in various stages
22.	Mudukulathur	STP	1.00	Completed	DTP	
23.	Pennadam	STP	2.00	Completed	DTP	
24.	Thirukalukundram	STP	2.02	Completed	DTP	Administrative Sanction issued on Date: 04.03.2024 Technical Sanction issued on Date: 15.03.2024. Works are in various stages
25.	Pudhuvayal	STP cum FSTP	1.01	Completed	DTP	
26.	Iluppur		1.01	Completed	DTP	
27.	T. Kallupatti		1.01	Completed	DTP	
28.	Peraiyur		1.01	Completed	DTP	
29.	Thiruvaiyaru		1.01	Completed	DTP	
Grand Total (29 Nos)			198.46			

INCREMENTAL PROGRESS OF FSTPs UNDER CONSTRUCTION

Sl.No	Location	Capacity (MLD)	% of Completion		Incremental Progress %
			July 2024	August 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)

<i>Sl. No</i>	<i>Details</i>	<i>Mar 2024</i>	<i>April 2024</i>	<i>May 2024</i>	<i>June 2024</i>	<i>July 2024</i>	<i>August 2024</i>	<i>Incremental increase (%) (July 2024 to August 2024)</i>
1	MSW generation (TPD)	15056	15376	15150	15479	15467	15290	-
2	MSW treatment capacity (TPD)	9485	9974	10283	10456	10849	10489	-
3	MSW utilization (TPD)	8705	8911	9099	9278	9328	9248	-
