



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 Principal 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: 07.12.2024.

Sir,

Sub: TNPCB-Submission of Revised Monthly Progress Report for the month of **October 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: 08.11.2024.

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 **October 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)

அனுப்பப்பட்டது
13.12.2024

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: OCTOBER 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)
- 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.	Total	3546.919	318.78
5.	Additional Treatment system provided over and above the requirement (CMWSSB 1152.80 – 680)	(-)472.800	-
6.	Total capacity of treatment systems in operation	3074.119	-
7.	Under Construction STPs & FSTPs	(-)199.000	-
8.	Gap in Treatment Capacity in MLD	665.081	173.68
9.	Capacity Utilization of existing STPs & FSTPs & Alternate Technology	2288.619	160.81
10.	No. of Operational STPs	104	18
11.	No. of Complying STPs	104	18
12.	No. of Non-complying STPs	Nil	Nil

Note: The Utilization Capacity of 104 STPs & 45 FSTPs including alternate technology which are being adopted in Rural Panchayats in the State is 64.52%.

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	180.24		
1.	Koyambedu STP Zone – III	34	31.63	Operational	Complied
2.	Koyambedu STP Zone – III	60	59.67	Operational	Complied
3.	Koyambedu STP Zone – III	120	82.29	Operational	Complied
4.	CRRT - Chetpet MSTP	1.0	0.45	Operational	Complied
5.	CRRT- Nungambakkam MSTP	1.2	1.13	Operational	Complied
6.	CRRT – Langs Garden TTUF	10	5.07	Operational	Complied

II	Adyar River	181.6	113.17		
7	Nesapakkam STP Zone –IV	40	24.11	Operational	Complied
8	Nesapakkam STP Zone IV	54	49.20	Operational	Complied
9	Nesapakkam STP Zone -IV	50	37.57	Operational	Complied
10	Nesapakkam TTUF	10	-	Under Maintenance	Complied
11	CRRT - Todd Hunter Nagar MSTP	4	1.70	Operational	Complied
12	CRRT -Kotturpuram MSTP	0.6	0.59	Operational	Complied
13	Nesapakkam STP Zone –IV	23	0	Non operational – Under study for Rehab	Not Complied
III	Buckingham Canal	745	379.75		
14	Kodungaiyur STP Zone – II New	120	118.52	Operational	Complied
15	Kodungaiyur STP Zone – I New	120	90.33	Operational	Complied
16	Perungudi STP Zone – V New	60	33.13	Operational	Complied
17	Perungudi STP Zone-V	54	53.99	Operational	Complied
18	Perungudi STP Zone-V	60	58.91	Operational	Complied
19	Sholinganallur STP (phase I)	18	20.06	Operational	Complied
20	Thiruvottriyur STP	31	4.81	Operational	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	673.16		
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 & Kuniyamuthur	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	Ulundurpet	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	Partially 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	Patthamadai	1.61	1.61	Operational	Complied
108	Sriperumbudur	8.50	1.03	Operational	Complied
109	Thiruporur	4.02	1.05	Operational	Complied
110	Melaseval	0.53	0.53	Operational	Complied
	Total (16 Nos)	45.47	27.38		
Grand Total (110 Nos.)		2450.98	1192.68		

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 under progress	
2.	Perungudi TTUF		10	89.50	March 2025(Under Retender)	
3.	Villivakkam TTUF		5	25.00	Dec 2025	
Total (3 Nos.)			69			
DMA						
4.	Vellore		50.00	99	Nov - 24	
5.	Rameshwaram		4.08	99	Nov - 24	
6.	Ponneri		6.52	99	Nov - 24	
7.	Pammal & Anagaputhur		27.00	85	Nov - 24	
8.	Tindivanam		11.44	94.87	Nov - 24	
9.	Villupuram Added Area		4.56	Soil test and Structural Design submitted to the TWADB SE – awaiting for STP construction structural design approval.		
Total (6 Nos.)			103.60			
CTP						
S.No	Location	STP / FSTPs	Capacityof the plant (MLD)	Physical progress in %	Completion Timeline	Treatment technology along with completion timelines
10.	Mukkudal(PRS)	STP	1.50	60%	30.11.2024	Sanctioned in 2 nd SBM(U) 2.0 SHPC held on 26.02.2022. AS/TS date: 21.03.2022. Work order issued. Works are in various stages.
11.	Gopalamamudram (PRS)	STP	1.40	75%	30.11.2024	
12.	Kallidaikurichi (PRS)	STP	3.09	90%	30.11.2024	
13.	Veeravanallur (PRS)	STP	2.79	80%	30.11.2024	
14.	Naranammalpuram (PRS)	STP	0.01	70%	30.11.2024	
15.	Karunkuzhi	STP	1.00	5%	31.12.2025	Sanctioned in 6 th SBM (U) 2.0 SHPC held on 08.02.2024. AS date: 04.03.2024. TS date: 15.03.2024. Work order issued. Works are in various stages.
16.	Chengam	STP	1.00	10%	31.12.2025	
17.	Alangayam	STP	1.00	10%	31.12.2025	
18.	Karimangalam	STP	1.00	10%	31.12.2025	
19.	Pennagaram	STP	1.00	10%	31.12.2025	
20.	Udayarpalayam	STP	1.00	10%	31.12.2025	
21.	Kurumbalur	STP	1.00	10%	31.12.2025	
22.	Mudukulathur	STP	1.00	10%	31.12.2025	

23.	Pennadam	STP	2.00	10%	31.12.2025	
24.	Thirukalukundram	STP cum FSTP	2.02	5%	31.12.2025	Sanctioned in 6 th SBM (U) 2.0 SHPC held on 08.02.2024. AS date: 04.03.2024. TS date: 15.03.2024. Work order issued. Works are in various stages.
25.	Pudhuvayal		1.01	5%	31.12.2025	
26.	Iluppur		1.01	5%	31.12.2025	
27.	T. Kallupatti		1.01	5%	31.12.2025	
28.	Peraiyur		1.01	20%	31.12.2025	
29.	Thiruvaiyaru(PRS)		1.01	35%	31.12.2025	
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
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	Price bid opened on 09.09.2024 and negotiation called.
2	Hosur -1	2	32.65	Price bid opened on 09.09.2024. Price bid evaluation cleared by TNUIFSL and to be placed in board.
3.	Hosur -2			
4.	Tiruchirapalli	1	100	Work order issued on 25.06.2024. Work commenced.
5.	Tirunelveli	1	58	STP: Re-tender called on 09.01.2025
6	Karur	1	18.45	Letters sent to TNUIFSL to appoint consultant for upgrading the DPR.
7	Mannargudi	1	10.05	Price bid opened on 09.09.2024 and negotiation called.
8	Arupukottai	1	13.24	Price bid opened on 09.09.2024 and negotiation called.
9	Maraimalai Nagar - 1	2	15.92	

10	Maraimalai Nagar - 2			Price bid opened on 17.10.2024. 1 st Negotiation (12.51% above). Tender
11	Chengalpattu	1	11.35	2 Bids received on 28.08.2024. TBER submitted to TNUIFSL on 22.10.2024 for clearance.
12	Palani	1	12.88	W.O issued on 19.11.2024.Draft agreement submitted to TNUIFSL on 23.10.2024.
13	Poonamalaie, Thiruverkadu & Mangadu	1	80.91	Bid document under preparation
14	Cuddalore	1	12.59	W.O issued on 09.10.2024.
15	Dindigul -1	2	17.80	Work order issued 01.10.2024.
16	Dindigul- 2			
17	Kancheepuram	1	30.00	Work order issued 26.09.2024.
18	Thiruvannamalai	1	13.40	Work order issued 06.06.2024.
19	Pudukottai	1	10.80	Work order issued 30.08.2024.
20	Namakkal	1	11.23	Work order issued 05.09.2024.
21.	Dharmapuri	1	5.21	LOA issued on 11.11.2024.
22.	Mayiladuthurai	1	9.37	TAC approved on 15.11.2024. LOA to be issued
	Total	22	473.8	

CTP						
Location		STP/ FSTPs	STP/FSTPs Capacity MLD	Status of project	Treatment Technology	Remarks
23	Sirugamani TP(PRS)	STP	0.84	DPR Stage	-	DPR is under preparation by WAPCOS / PWD.
24	Mohanur TP(PRS)		0.55	DPR Stage		
25	Velur TP(PRS)		1.19	DPR Stage		
26	Bhavani sagar TP(PRS)		0.90	DPR Stage		
27	Madathukulam TP(PRS)		0.50	DPR Stage		
28	Omalur TP(PRS)		1.16	DPR Stage		
29	Poolampatty TP(PRS)		0.16	DPR Stage		
30	Kuthalam TP(PRS)		0.10	DPR Stage		
31	Thirukattupalli TP (PRS)		0.01	DPR Stage		
32	Pethanaickenpalayam TP (PRS)	STP	2.10	Completed		
33	Belur TP(PRS)		1.71	Completed		
34	Srivaikundam TP(PRS)		1.15	Completed		
35	Authoor TP(PRS)		0.20	Completed		

36	Eral TP(PRS)	STP	0.55	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. DPR under scrutiny.
37	Alwarthirunagari TP(PRS)		0.60	Completed		
38	Then Thiruperai TP(PRS)		0.03	Completed		
39	Arumuganeri TP(PRS)		0.01	Completed		
40	Polur	STP cum FSTP	2.01	Completed	Constructed Wet land	Sanctioned in 7 th SBM (U) 2.0 SHPC held on 14.03.2024. AS Date: 08.10.2024 TS Date: 14.10.2024. Tender Stage.
41	Kannamanagalam		1.01	Completed		
42	Veeraganur		1.01	Completed		
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	Thiruvonnainallur		1.01	Completed		
49	Sankarapuram		2.01	Completed		
50	Kattupudur		1.01	Completed		
51	Thathaiyangarpet		1.01	Completed		
52	Ponnampatti	STP cum FSTP	1.01	Completed	Constructed Wet land	Sanctioned in 7 th SBM (U) 2.0 SHPC held on 14.03.2024. Administrative Sanction issued on 08.10.2024 TS Date: 13.10.2024. Tender stage.
53	Kallakudi		1.01	Completed		
54	Mettupalayam		1.01	Completed		
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 (PRS)		1.01	Completed		
61	Labbaikudikadu	STP cum FSTP	1.01	Completed	Constructed Wet land	Sanctioned in 8 th SBM (U) 2.0 SHPC held on 24.07.2024. Awaiting for Administrative Sanction.
62	Panapakkam	STP cum	1.01	DPR Stage		
63	Bargur		2.01	DPR Stage		

64	Denkanikottai	FSTP STP cum FSTP	2.01	DPR Stage	Constructed Wet land	DPR's ready. Awaiting for sanctioning committee.
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		1.01	DPR Stage		
76	Chettipalayam					
77	Suleeswaranpatti	STP cum FSTP	2.01	DPR Stage	Constructed Wet land	DPR's ready. Awaiting for sanctioning committee.
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 (59)		62.13			
	Grand Total 81 Nos		535.93			

Sewage Treatment through Alternate Technology – Directorate of Town Panchayats

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
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	Kannyakumari	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 Units 36 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 &Connectivit y 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 31/3/2026	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 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	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	GangapuramCommon 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 unitis 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 KalingarayanCommon Effluent Treatment PlantPrivate Limited,Erode	5.8	
8.	Erode	M/s. Erode Common Effluent Treatment PlantPrivate 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- 15,382 TPD. Note: The MSW of RLB is furnished separately in the dossier below.	ULB- 1793
,3.	a. Number of facilities	3695 (DMA- 2195 +DTP- 1219+ GCC-281)	470
	b. Installed capacity –TPD	10436(DMA-7257+DTP- 1888 + GCC – 1291)	1721
	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.,	9339(DMA- 6477+DTP- 1888 +GCC-974)	1575
		The utilization capacity is 89.49 %	
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) No. of wards having door to door collection service, No. of wards practicing segregation at source	12,999 12,518 11,428	1221 1180 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+ DTP-Nil+GCC-5) (DMA-713+DTP – Nil + GCC - 500) Capacity 1213 TPD 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 2,24,12,368Cum. Total quantity of Legacy Waste Biomined upto the month of October 2024 is 1,44,55,764 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	7257	Windrow/Vermi composting, Biogas generation	6477	83Nos. 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	6024	974	Windrow/Vermi composting, Bio-gas generation	974	5 Nos. of MSW treatment facilities are under construction.
Total	15382	10119		9339	

VI. Bio-Medical Waste Management (BWM):

S.No	BWM	State	PRS
1.	Total Bio-medical generation (TPD)	a) Authorized quantity :115.7 T/Day. b) Average generation: 59.26 T/day.	Authorized quantity: 12.165 T/Day
2.	No. of Hospitals and Health Care Facilities:	30,584	6602
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 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
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)	1760	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 sewage outfalls 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	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, 30.09.2024and 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 October 2024

Sl.No.	Name of the River	No of Monitoring Locations	BOD mg/L
1	Sarabanga	1	No flow
2	Thirumanimutharu	1	44
3	Vasista	1	40
4	Cauvery	19	< 1.5- 2.7
5	Bhavani	7	< 1.7- 2.7
6	Thamirabarani	12	2.0 – 3.0
7.	Amaravathi	3	2.0– 2.3
8.	Palar	1	No flow
9.	Cooum	7	9 - 54
10.	Adyar	5	6- 19

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 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 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 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, Thiruvidadimaruthur, 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. 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.
Thirumanimutharu	
Vasista	
Cauvery	
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	
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	10	1	Barrages 3 Nos.
Total	126	13	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 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	No Flood plains zones / encroachment have been identified. No Encroachment has also been identified in the stretch. In case of any encroachment reported in the future by Revenue department, action will be taken for immediate eviction
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 NRCDD through EPTRI. The NRCDD has accorded approval and given recommendations. The replies to NRCDD 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 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. 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. 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.				
	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 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 October 2024 an E Flow of 0.730 TMC was maintained.
Bhavani	An E flow of 905.47 Mcft. (including Irrigation purpose) was maintained in the river Bhavani during the Month of October 2024 .
Thamirabarani	An average of 563.74 cusecs of water is released into the river in the month of October 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	The M/s. ExNovtRa International, Foundation is carrying cleaning process from Marudur to Vallanadu for a length of 6 Km in Thamirabarani River. The work is under progress after completion of work the plantation activity will be carried out.

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

***Gist of Report on the progress made on the Polluted River Stretches
Tamil Nadu State
Month: October 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 0.50 to 40 % has been achieved during October 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 – 15,382 TPD . b) Treatment capacity – 10,436 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 - 1,44,55,764 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 - 30,584 b) Authorized quantity of BMW - 115.7 T/day. c)Average generation - 59.26 T/day																																														
7	Hazardous Waste Management	Total hazardous Waste generation is 11.41 lakhs ton per annum. 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																																														
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 October 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="10">BOD < 3 mg/L</td></tr><tr><td>2</td><td>Thirumanimutharu</td><td>1</td><td>44</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- 2.7</td></tr><tr><td>5</td><td>Bhavani</td><td>7</td><td>< 1.7- 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>2.0– 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>9 - 54</td></tr><tr><td>10.</td><td>Adyar</td><td>5</td><td>6- 19</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	44	3	Vasista	1	40	4	Cauvery	19	<1.5- 2.7	5	Bhavani	7	< 1.7- 2.7	6	Thamirabarani	12	2.0 – 3.0	7.	Amaravathi	2	2.0– 2.3	8.	Palar	1	No flow	9.	Cooum	5	9 - 54	10.	Adyar	5	6- 19
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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: 126 existing RWH structures along the PRS are provided; 13 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 %
			Sept 2024	Oct 2024	
	CMWSSB				
1.	Sholinganallur STP (Phase II)	54	96.0	96.50	0.50
2.	Perungudi TTUF	10	89.50	89.50	-
3.	Villivakkam TTUF	5	24.00	25.00	1.0
	DMA				
4.	Vellore	50.0	93	99	6
5.	Rameshwaram	4.08	98	99	1
6.	Ponneri	6.52	97	99	2
7.	Pammal & Anagaputhur	27.0	85	85	-
8.	Tindivanam	11.44	94.87	94.87	-
9.	Villupuram Added Area	4.56	Soil test and Structural Design submitted to the TWADB SE – awaiting for STP construction structural design approval.		
	CTP	Capacity (MLD)	% of Completion		Incremental Progress %
			Sept 2024	Oct 2024	
10.	Mukkudal	1.50	60	60	-
11.	Gopalamasudram	1.40	75	75	-
12.	Kallidaikurichi	3.09	50	90	40
13.	Veeravanallur	2.79	70	80	10
14.	Naranammalpuram	0.01	60	70	10
15.	Karunkuzhi	1.00	1	5	4
16.	Chengam	1.00	1	10	9
17.	Alangayam	1.00	1	10	9
18.	Karimangalam	1.00	1	10	9
19.	Pennagaram	1.00	1	10	9
20.	Udayarpalayam	1.00	1	10	9
21.	Kurumbalur	1.00	1	10	9
22.	Mudukulathur	1.00	1	10	9
23.	Pennadam	2.00	1	10	9
24.	Thirukalukundram	2.02	1	5	4
25.	Pudhuvayal	1.01	1	5	4

26.	Iluppur	1.01	1	5	4	
27.	T. Kallupatti	1.01	1	5	4	
28.	Peraiyur	1.01	1	20	19	
29.	Thiruvaiyaru	1.01	1	35	34	
Grand Total (29 Nos)		198.46				

INCREMENTAL PROGRESS OF FSTPs UNDER CONSTRUCTION

Sl.No	Location	Capacity (MLD)	% of Completion		Incremental Progress %
			September 2024	October 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>May 2024</i>	<i>June 2024</i>	<i>July 2024</i>	<i>August 2024</i>	<i>Sept 2024</i>	<i>Oct 2024</i>	<i>Incremental increase (%) (Sept 2024 to Oct 2024)</i>
1	MSW generation (TPD)	15150	15479	15467	15290	15390	15382	-
2	MSW treatment capacity (TPD)	10283	10456	10849	10489	10415	10486	0.68
3	MSW utilization (TPD)	9099	9278	9328	9248	9364	9339	-
