

ANNUAL REPORT

2024 – 2025



TAMIL NADU POLLUTION CONTROL BOARD

76, MOUNT SALAI, GUINDY, CHENNAI – 600 032

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PART I

**ANNUAL REPORT
2024-2025**

CHAPTER - I

INTRODUCTION

1.1 Formation of Tamil Nadu Pollution Control Board

The Government of Tamil Nadu constituted the “Tamil Nadu Prevention and Control of Water Pollution Board” vide G.O.Ms.No.340, Health and Family Welfare Department, dated 19.02.1982 under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6) and issued Gazette notification on 27.02.1982 and the Board came into existence on the same day. Later recognizing the Board's diverse functions, it has been renamed as “Tamil Nadu Pollution Control Board (TNPCB)”.

The TNPCB is a regulatory body, enforces the following Acts, Rules and Notifications as amended, in the entire State of Tamil Nadu:

- The Water (Prevention and Control of Pollution) Act, 1974 as amended
- The Tamil Nadu Water (Prevention and Control of Pollution) Rules, 1983.
- The Air (Prevention and Control of Pollution) Act, 1981 as amended
- The Tamil Nadu Air (Prevention and Control of Pollution) Rules, 1983.
- The Environment (Protection) Act, 1986 and the Rules made there under, which includes
 - The Environment (Protection) Rules, 1986.
 - Manufacture, Storage and Import of Hazardous Chemical Rules, 1989
 - Fly Ash Utilization Notification, 1999.
 - The Noise Pollution (Regulation and Control) Rules, 2000.
 - The Environment Impact Assessment Notification, 2006.
 - Coastal Regulation Zone Notification, 2011.
 - The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended in 2022.
 - The Bio-Medical Waste Management Rules, 2016.
 - The Solid Waste Management Rules, 2016.
 - The Construction and Demolition Waste Management Rules, 2016.
 - The E-Waste (Management) Rules, 2022.
 - The Battery Waste Management Rules, 2022.
 - The Plastic Waste Management Rules, 2024.

I. INTRODUCTION

The Tamil Nadu Pollution Control Board (TNPCB) operates under the administrative supervision of the Environment, Climate Change, and Forest Department of Tamil Nadu.

1.2 Functions

The main functions of TNPCB under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 are as follows:

- To plan a comprehensive programme for the prevention, control and abatement of pollution of streams and wells and air pollution in the State and to secure the execution thereof;
- To advise the State Government on any matter concerning the prevention, control or abatement of water and air pollution;
- To collect and disseminate information relating to water and air pollution and the prevention, control or abatement thereof;
- To inspect sewage or trade effluents, works and plants for the treatment of sewage and trade effluents and to review plans, specifications or other data relating to plants set up for the treatment of water, works for the purification thereof and the system for the disposal of sewage or trade effluents or in connection with the grant of any consent as required by the Act;
- To inspect at all reasonable times, any control equipment, industrial plant or manufacturing process and to give, by order, such directions to such persons as it may consider necessary to take steps for the prevention, control or abatement of air pollution;
- To inspect air pollution control areas at such intervals as it may think necessary, assess the quality of air therein and take steps for the prevention, control or abatement of air pollution in such areas;
- To lay down, modify or annul effluent standards for the sewage and trade effluents and for the quality of receiving waters resulting from the discharge of effluents and to classify waters of the State;

I. INTRODUCTION

- To lay down, in consultation with the Central Pollution Control Board (CPCB), standards for emission of air pollutants into the atmosphere from industrial plants and automobiles or for the discharge of any air pollutants into the atmosphere from any other source;
- To evolve economical and reliable methods of treatment of sewage and trade effluents;
- To evolve methods of utilization of sewage and suitable trade effluent in agriculture;
- To evolve efficient methods of disposal of sewage and trade effluents on land;
- To collaborate with CPCB and other reputed research institutions, in organizing the training of persons engaged or to be engaged in programme relating to prevention, control or abatement of water and air pollution and to organize mass education programme relating thereto;
- To encourage, conduct and participate investigations and research relating to problems of water pollution and prevention, control or abatement of water pollution;
- To advise the State Government with respect to the location of any industry, the carrying on of which, is likely to pollute a stream or well or cause air pollution;
- To establish or recognize laboratory or laboratories to enable TNPCB to perform its functions under this section efficiently, including the analysis of samples of water from any stream or well or of samples of any sewage or trade effluents and analysis of ambient air and emission through chimneys of industries;
- To perform such other functions as may be prescribed or as may, from time to time, be entrusted to it by CPCB or the State Government.

As per the Rule 37 of the Tamil Nadu Water (Prevention and Control of Pollution) Rules, 1983, Annual Report for each year giving true and full account of the activities of the Board during that year shall be prepared and submitted to the Government. Accordingly, this Annual Report for the Financial Year 2024-2025 is prepared. The report is presented in the subsequent chapters.

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CHAPTER - II

CONSTITUTION OF THE BOARD

2.1 Constitution of TNPCB

As per the provisions of Section 4 of the Water (Prevention & Control of Pollution) Act, 1974, the TNPCB shall consist of the following members:

- (a) A Chairman, being a person having special knowledge or practical experience in respect of matters relating to environmental protection or a person having knowledge and experience in administering institutions dealing with the matters aforesaid, to be nominated by the State Government;
- (b) Such number of officials, not exceeding five, to be nominated by the State Government to represent that Government;
- (c) Such number of persons, not exceeding five, to be nominated by the State Government, from amongst the members of the local authorities functioning within the State;
- (d) Such number of non-officials, not exceeding three to be nominated by the State Government, to represent the interest of agriculture, fishery or industry or trade or any other interest which, in the opinion of the State Government, ought to be represented;
- (e) Two persons to represent the companies or corporations owned, controlled or managed by the State Government, to be nominated by the Government;
- (f) A full time Member Secretary, possessing qualifications, knowledge and experience of scientific, engineering or management aspects of pollution control, to be appointed by the State Government.

II. CONSTITUTION OF THE BOARD

List of Board Members from 01.04.2024 to 31.03.2025

Sl. No	Board Members		Position	From	To
	Designation	Name			
1.	Chairperson, Tamil Nadu Pollution Control Board	Dr. Jayanthi.M,I.F.S.	Member	1.4.2024	31.3.2025
2.	Additional Chief Secretary/ Principal Secretary to Government, ECCF Department	Tmt. Supriya Sahu, I.A.S.	Member	1.4.2024	30.6.2024
		Dr. P. Senthilkumar, I.A.S.		9.2.2025	31.3.2025
3.	Special Secretary / Deputy Secretary to Government, Finance Department	Thiru. Sibi Adhithya Senthil Kumar, I.A.S.	Member	1.4.2024	8.9.2024
		Thiru. G.K. Arun Sundar Thayalan, I.A.S.		9.9.2024	31.3.2025
4.	MD & CEO, Guidance Bureau, Tamil Nadu Industrial Guidance and Export Promotion Bureau	Thiru V. Vishnu, I.A.S.	Member	1.4.2024	31.12.2024
		Dr. Darez Ahamed, I.A.S.	Member	31.1.2025	31.3.2025
5.	Director, Directorate of Town and Country Planning	Thiru.B.Ganesan, I.A.S.	Member	1.4.2024	31.3.2025
6.	Director of Public Health and Preventive Medicine	Dr. T.S. Selvavinayagam, M.D, DPH, DNB.	Member	1.4.2024	31.3.2025
7.	Director Directorate of Industrial Safety and Health	Thiru. M.V. Senthilkumar, M.E.,	Member	1.4.2024	22.8.2024
		Thiru. S. Ananth, M.E., F.I.E.,	Member	23.8.2024	31.3.2025
8.	Member Secretary, Tamil Nadu Pollution Control Board	Thiru. R. Kannan, M.Tech.	Member Secretary and convener	1.4.2024	31.3.2025

II. CONSTITUTION OF THE BOARD

Sl. No	Board Members		Position	From	To
	Designation	Name			
9.	General Manager (Project), SIPCOT	Tmt. H. Prabhavathy, B.E.	Member	1.4.2024	5.11.2024
		Thiru. A.R Chandramohan, B.E., M.B.A.,	Member	6.11.2024	31.3.2025
10	Representatives nominated by the Government	Thiru K. Dakshinamoorthy	Non official Member	1.4.2024	31.3.2025
		Thiru A.Alagarasan, B.Sc.,	Non official Member	1.4.2024	31.3.2025
		Thiru N. Tamilmani, B.A.,	Non official Member	1.4.2024	31.3.2025

2.2 Organizational Set Up

For the effective and efficient functioning of the organization, the TNPC Board has a three-tier structure: Head Office, Zonal Offices and District Environmental Engineer Offices (see Annexure I for the Organization Chart). The Head Office, based in Chennai, is led by the Chairperson. The Member Secretary, as the Executive Head, holds powers defined for the Board/Chairperson. Head office has many wings for their functioning like technical, laboratory, finance, personnel and admin, audit etc. There are 9 Zonal Offices headed by Joint Chief Environmental Engineers (Monitoring) and 44 District Offices headed by District Environmental Engineers and 7 flying Squads headed by Environmental Engineers. In addition to the above, 2 Assistant Environmental Engineer Offices at 2 Hot spot areas at Pallavaram and Mettur (Annexure I & II).

2.3 Laboratories

TNPCB has established 8 Advanced Environmental Laboratories (AELs) and 10 District Environmental Laboratories (DELs) to assist the Board in monitoring the industries, water bodies viz., Ambient Air & Water Quality of the State. The AELs at Coimbatore, Vellore, Trichy and Tirunelveli are NABL accredited laboratories as per ISO / IEC 17025:2017 and other laboratories such as Chennai, Cuddalore, Madurai and Salem are in the process of renewal of accreditation. Microbiology analysis wing started functioning in the District Environmental Laboratories since April 2024.

II. CONSTITUTION OF THE BOARD

During the year 2024-2025, 42094 samples of water, sewage and trade effluents were collected and analyzed. Stack monitoring and ambient air quality survey including complaint was conducted in 1659 units. Laboratory wise details are given in Annexure-III A & B.

Sl. No.	Location of Laboratory	Districts Covered	Analytical Facilities Available
Advanced Environmental Laboratories (AEL)			
1	Chennai	Chennai, part of Kancheepuram (Sriperumbudur)	Analytical Balance, AOX Analyser*, Atomic Absorption Spectrophotometer with Graphite furnace, Bacteriological Incubator, BOD Incubator, CO Analyser, COD Digester, Cold Room, Conductivity Meter, Dissolved Oxygen Meter, Fine Particulate Sampler PM2.5 , Flame Photometer, Flue Gas Analyser, Quanti-tray sealer plus, Gas Chromatograph*, ICP-MS*, Microbalance*, Direct Mercury Analyser*, Muffle Furnace, Ozone Analyser, pH Meter, Respirable Dust Sampler PM10, Rotary Evaporator, Sound Level Meter, Stack Monitoring Kit, Total Kjeldhal Nitrogen Analyser, TOC Analyser, Turbidity meter, UV Visible Spectrophotometer, VOC Analyser, Meteorological monitoring station, Single gas detector, Multi gas detector,
2	Coimbatore	Coimbatore and Nilgiris	
3	Cuddalore	Cuddalore, Villupuram	
4	Madurai	Madurai, Sivagangai, Virudhunagar, Ramanathapuram	
5	Salem	Salem, Erode, Namakkal, Dharmapuri Kumarapalayam	
6	Tirunelveli	Tirunelveli, Nagercoil, Tenkasi	
7	Trichy	Trichy, Pudukottai, Thanjavur, Ariyalur, Perambalur	
8	Vellore	Vellore, Tiruvannamalai, Vaniyambadi, Ranipet	
District Environmental Laboratories (DEL)			
9	Ambattur	Ambattur, Tiruvallur, Gummidipoondi	Analytical Balance, Bacteriological Incubator, BOD Incubator, COD Digester, Conductivity Meter, Dissolved Oxygen Meter, Fine Particulate Sampler PM2.5, Flame Photometer, Muffle Furnace, pH Meter, Respirable Dust Sampler PM10, Semi Micro Balance, Sound Level Meter, Stack Monitoring Kit, TKN Analyser, Turbidity Meter, UV Visible Spectrophotometer. Meteorological monitoring station, Single gas detector, Multi gas detector
10	Dindigul	Dindigul, Theni, Karur	
11	Hosur	Hosur	
12	Manali	Chennai	
13	Maraimalai Nagar	Chengalpattu	
14	Nagapattinam	Nagapattinam, Thiruvallur	
15	Oragadam	part of Kancheepuram (Sriperumbudur)	
16	Perundurai	Erode	

II. CONSTITUTION OF THE BOARD

Sl. No.	Location of Laboratory	Districts Covered	Analytical Facilities Available
17	Thoothukudi	Thoothukudi	
18	Tiruppur	Tiruppur	

(* - available only at the Advanced Environmental Laboratories (AEL), Chennai)

2.4 Details of Staff Strength

Total sanctioned post is 1115 which including Engineers, Scientists, Administration, Accounts and Miscellaneous Staffs. Details of staff strength as on 31.03.2025 are given below:

Sl.No.	Designation	Sanctioned	Present Strength	Vacant
1	Chairperson	1	1	0
2	Member Secretary	1	1	0
3	Financial Adviser - (Deputation)	1	1	0
4	Director (Labs) - (Deputation)	1	0	1
5	Senior Manager (F&A)	1	0	1
6	Manager (LAW) - (Deputation)	1	0	1
7	Manager (P&A)	1	0	1
8	Manager (IA)	1	0	1
9	Engineering Service	316	254	62
10	Engineering Subordinate Service	10	6	4
11	Scientific Service	125	92	33
12	Scientific Subordinate Service	94	56	38
13	General Service	37	22	15
14	General & Subordinate Service	420	166	254
15	Miscellaneous Services	11	0	11
16	IT Wing	15	0	15
17	Basic Services	79	10	69
Total		1115	609	506

II. CONSTITUTION OF THE BOARD

The break-up details of staff strength in each service is given below:

Sl.No.	Designation	Sanctioned	Present strength	Vacant
1	Chairperson	1	1	0
2	Member Secretary	1	1	0
	Total - A	2	2	0
Engineering Services				
1.	Chief Environmental Engineer	2	0	2
2.	Additional Chief Environmental Engineer	2	2	0
3.	Joint Chief Environmental Engineer	15	13	2
4.	Environmental Engineer	66	64	2
5.	Assistant Environmental Engineer	60	51	09
6.	Assistant Engineer	170	124	46*
7.	Assistant Engineer (Auto)	1	-	1
	Total – B	316	254	62
*Out of 46 - 6 candidates have been selected from TNPSC and yet to be join the Duty. Remaining 40nos. of Assistant Engineer will be recruited through TNPSC.				
Engineering Subordinate Service				
1	Junior Engineer (Civil) (Technical Assistant (Civil) upgraded	1	1	0
2	Assistant Draughtsman	3	0	3
3	Electrician	5	4	1
4	Technical Assistant	1	1	0
	Total – C	10	6	4
As per G.O. Ms.No. 75 dated 14.07.16 (M.Gopalakrishnan, Junior Engineer (civil) the post shall be reverted back to Technical Assistant either on the superannuation or on the exit of the individual from TNPCB.				
Scientific Service				
1	Deputy Director (Lab)	2	0	2
2	Assistant Director (Lab)	10	2	8
3	Chief Scientific Officer	5	4	1
4	Deputy Chief Scientific Officer	29	16	13
5	Environmental Scientist	77	70	7
6	Senior Meteorologist	1	0	1
7	Meteorologist	1	0	1
	Total – D	125	92	33
Scientific Subordinate Service				
1	Jr. Environmental Scientist	6	3	3
2	Field Assistant	58	42	16
3	Lab Assistant	30	11	19
	Total – E	94	56	38

II. CONSTITUTION OF THE BOARD

General Service				
1	Law Officer	1	0	1
2	Additional Manager	2	0	2
3	Court Master	1	1	0
4	Deputy Manager	1	0	1
	Total – F	37	22	15
General Subordinate Service				
1	Assistant Manager	64	49	15
2	General Assistant	97	21	76
3	Assistant	91	35	56*
4	Private Secretary	3	1	2
5	Steno-Typist (Grade-I)	5	5	0
6	Steno-Typist (Grade-II)	4	1	3
7	Steno-Typist (Grade-III)	17	0	17
8	Typist	69	44	25
9	Driver	56	10	46
10	Motor cycle messenger	1	0	1
11	Telephone Operator	2	0	2
12	Record Clerk	11	0	11
	Total – G	420	166	254
* 56 Assistants are Selected by TNPSC, clarification called for from TNPSC regarding 6 months computer course – Amendment of Revised Service Regulation, 2010.				
Miscellaneous Service				
1	Statistical Officer	1	0	1
2	Assistant Statistical Officer	1	0	1
3	Librarian (Grade-II)	2	0	2
4	Programmer	1	0	1
5	Assistant Programmer	2	0	2
6	Data Entry Operator	4	0	4
	Total - H	11	0	11
Basic Service				
1	Office Assistant	74	5	69
2	Sweeper*	4	4	0
3	Watchman	1	1	0
	Total - I	79	10	69
* Thiru.D.Murugan, was appointed as sweeper on 05.02.2024 without back wages, as per the order dated.28.07.2021 in W.P.No.32175/2013 of Hon'ble High Court of Madras, Chennai and SLP Diary No.42414/2023 of Supreme Court of India.				
IT Wing				
1	Programmer	05	0	05
2	Data Entry Operator	10	0	10
	Total - J	15	0	15

II. CONSTITUTION OF THE BOARD

Deputation Staff				
1	Financial Adviser - (Deputation)	1	1	-
2	Director (Labs)- (Deputation)	1	0	1
3	Manager (LAW) - (Deputation)	1	0	1
	Total – K	3	1	2
Promotional Post				
1	Senior Manager (F&A)	1	0	1
2	Manager (P&A)	1	0	1
3	Manager (IA)	1	0	1
	Total – L	3	0	3
	Net Total:(A + B+ C+ D + E + F + G + H + I +J+K + L)	1115	609	506
The table of year wise staff strength against number of industries is given in Annexure-IV.				

Details of Pensioners and Family Pensioners as on 31.03.2025

Sl.No.	Details	As on 31.03.2024	During the year 2024-25	Total as on 31.03.2025
1	Pensioners	462	34	496 (34 – Deceased)
2	Family Pensioners	108	10	118 (3 – Deceased)
	Total	570	44	614

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CHAPTER-III

CONSTITUTION OF THE COMMITTEES BY THE BOARD

3.1 Various Committees in TNPCB

The Tamil Nadu Pollution Control Board (TNPCB) grants consent to industries under the Water Act (1974) and the Air Act (1981) and authorize units under Rules from the Environment Protection Act (1986). To ensure effective implementation and smooth functioning, the TNPCB has established various committees under Section 9 of the Water Prevention & Control of pollution Act (1974) and Section 11 of the Air Act (1981) at the Head Office, Zonal, and District levels to grant Consent to Establish (CTE) and Consent to Operate (CTO) for industries as per BP.No.63 dated 28.11.2017. These Committees are as follows:

I.	Technical Sub-Committee (TSC) in Head Office: Grant Consent to 17 Category Industries and Environment Impact Assessment (EIA) attracting projects	
1	Chairman, TNPCB	Chairman
2	Member Secretary, TNPCB	Convener
3	Director of Industrial Safety and Health, Chennai	Member
4	Director of Public Health and Preventive Medicine	Member
5	All HoDs of Technical Section	Member
II	Consent Clearance Committee (CCC in Head Office: grant consent to Red Large and Red Medium industries	
1	Member Secretary, TNPCB	Chairman
2	Additional Chief Environmental Engineers (ACEEs),	Member
3	Joint Chief Environmental Engineers (JCEEs),	Member
III	Zonal Level Consent Clearance Committee (ZLCCC) in Zonal Office: Red Small, Orange Large, Orange Medium and Green Large industries	
1	Joint Chief Environmental Engineer (Monitoring) (JCEE(M))	Committee - Head
2	District Environmental Engineers (DEEs) of the Zone	Members
3	Environmental Engineer (EE) in Zonal Office	Convener
IV	District Level Consent Clearance Committee (DLCCC) in the District Office: Orange Small, Green Medium and Green Small category industries	
1	District Environmental Engineer (DEE)	Committee - Head
2	Assistant Environmental Engineer (AEE) in the District Office	Member and Convener
3	All Assistant Engineers (AEs) in the District Office	Members

III. CONSTITUTION OF COMMITTEES BY THE BOARD

To expedite the issue of consent and to reduce workload in the Board office, the Board has delegated the powers of issuing renewal of consent to the following **Red-Large Industries** to the JCEE(M), zonal office *Vide B.P. Ms. No.19 dated 03.04.2023.*

Sl.No	Type	Industry Sector - Types
1	1005	DG Set of Capacity $\geq$ 5MVA
2	1006	Industrial carbon including electrodes and graphite blocks activated carbon, carbon black.
3	1007	Lead acid battery manufacturing (excluding assembling and charging of lead-acid battery in micro scale)
4	1008	Phosphate rock processing plant
5	1009	Power generation plant (except Wind and Solar renewable power plants of all capacities and Mini Hydel Power Plant capacity <25 MW)
6	1013	Fibre glass production and processing excluding moulding including Lead containing glass
7	1014	Fire crackers manufacturing and bulk storage facilities
8	1016	Milk processes and dairy products (integrated product)
9	1017	Phosphorous and its compounds
10	1018	Pulp & Paper (waste paper based without bleaching process to manufacture Kraft Paper)
11	1025	Basic chemicals and electro chemicals and its derivatives including manufacturing of acid
12	1030	Health-care Establishment(as defined in BMW Rules) having incinerator irrespective of waste generation (or) having total waste water generation 100 KLD and above (attracting EIA) {Renewal – JCEE(M)}
13	1031	Hotels having over all waste water generation @ 100 KLD and more (or) having Rooms 100 KLD and above (attracting EIA)
14	1038	Photographic film and its chemicals
15	1039	Railway locomotive workshop /Integrated Road transport workshop/ Authorized service centers having waste water generation 100 KLD & above
16	1042	Ship Breaking Industries
17	1049	Slaughter house (as per notification S.O.270(E) dated:26.03.2001) and meat processing industries, bone mill, processing of animal horn, hoofs and other body parts
18	1061	Synthetic detergents and soaps (excluding formulation) having wastewater generation 100 KLD and above

III. CONSTITUTION OF COMMITTEES BY THE BOARD

Sl.No	Type	Industry Sector - Types
19	1062	Automobile servicing, repairing and painting (excluding only fuel dispensing) having wastewater generation 100 KLD and above
20	1063	Building and construction project more than 20,000 sq.m built up area and having wastewater generation 100 KLD and above (attracting EIA)
21	1068	Manufacturing of Glass (Lead Glass only)
22	1069	Non-alcoholic beverages (soft drink) & Bottling of alcohol/non-alcoholic products having wastewater generation 100 KLD & above.
23	1070	Vegetable Oil manufacturing including solvent extraction & refinery/hydrogenated oils having wastewater generation 100 KLD & above
24	1077	MSW sanitary land fill site
25	1081	Sewage Treatment plant
26	1084	Analytical & material testing lab
27	1085	Stone/Savudu Quarries
28	1999	Miscellaneous (Red)

3.2 Pollution Load Assessment Committee (PLAC)

To examine the applications received from the industries seeking 'No Increase in Pollution Load Certificate', TNPCB constituted PLAC vide Proceeding dated 02.11.2017 which was subsequently reconstituted on 11.3.2024 vide Board Proceeding No.18/11.3.2024 Dated 01.03.2024 as per MOEF&CC Notification S.O.3518 (E), dated 23.09.2016. As per the notification, the Composition of Committee is as follows:

Sl. No	Designation of the Committee Member	Role
1	Member Secretary, TNPCB, Chennai	Chairman
2	CEE, TNPCB, Chennai	Member
3	ACEE / JCEE (Sector HOD), TNPCB, Chennai	Member – Convenor
4	Tmt. H.D. Varalakshmi, Scientist – E, Regional Director, CPCB, Chennai	Member
5	Dr. S.V. Srinivasan, Sr Principal Scientist, CSIR – CLRI, Chennai	Member
6	Dr. R. Vinu, Professor, Dept of Chemical Engineering, IIT Madras, Chennai	Member
7	Dr. S. Amalraj, Professor, Centre for Environmental Studies, Anna University	Member
8	Dr. V.T. Perarasu, Professor, Dept of Chemical Engg, AC Tech, Anna University	Member

III. CONSTITUTION OF COMMITTEES BY THE BOARD

3.3 Details of committee meetings held during 2024 -2025

Committee	Total No. of meetings	Total No. of subjects placed in the meetings	No. of subjects approved	No. of subjects for which additional details called for, rejected and returned
Technical Sub - Committee	13	192	180	12
Consent Clearance Committee	13	393	386	7
Zonal Consent Clearance Committee	130	1304	1286	18
District Level Consent Clearance Committee	725	3573	3529	44
Pollution Load Assessment Committee (PLAC)	2	6	5	1

The minutes of meeting of the above committees are uploaded in the TNPCB website periodically.

3.4 District Coordination Committee (DCC)

The Government, as per G.O.Ms.No.23, Environment and Forests (EC.1) Department, dated 01.03.2018, has established a District Coordination Committee (DCC) in all the Districts to protect the state's valuable water bodies. The committee has the authority to disconnect power and water supply, seize materials, seal premises/machinery, and evict occupants. Additionally, the committee can file criminal cases against land and unit owners. The committee is composed of the following members:

Sl. No.	Members of the Committee	Position
1	District Collector	Chairman
2	District Environmental Engineer, TNPCB	Convener
3	Environmental Engineer (Flying Squad), TNPCB (if available)	Member
4	District Superintendent of Police	Member
5	Superintending Engineer, TANGEDCO	Member
6	Executive Engineer, PWD (WRO Division)	Member
7	Revenue Divisional Officer	Member

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CHAPTER - IV

MEETINGS OF THE BOARD

4.1 Details of the Board Meeting

According to Section 8 of the Water (Prevention and Control of Pollution) Act, 1974, and Section 10 of the Air (Prevention and Control of Pollution) Act, 1981, the Board is required to meet at least once every three months and follow prescribed rules and procedures for conducting business. In the year 2024-2025, the Board met two times and conducted its business as required. The details of Board Meetings held during 2024 to 2025 are as follows:

Sl. No.	Board Meeting Number / Date of meeting	Date of Meeting	No. of Subject placed
1	294	12.07.2024	48
2	295	25.11.2024	44
Total			92

4.2 Major decisions taken by the Board for the year 2024-2025

1. The proposal to fix the Inlet Quality Standards which contains pH, Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Total Dissolved Solids (TDS), Chlorides & Sulphates as General Parameters and Specific Parameters as Alkalinity and Total Hardness (for Perundurai CETP alone) applicable to their member units of Common Effluent Treatment Plants (CETPs), for the CETPS (textile bleaching and dyeing units), so that the effluents discharged by the member units can be treated subsequently in CETPs, which have installed and operating Zero Liquid Discharge System consisting of RO, RMS and ATFD system and achieving ZLD system. (Resolution No.294-2-3).
2. The Board approve the proposal for the setting up a discarded fishnet collection centre at Kovalam Fishing Village, as second phase with activities such as awareness programmes/workshop, baseline surveys, infrastructure development for the discarded fishnet collection centre, training and capacity building, collection and sorting of discarded fishnets, transporting the collected discarded fishnets to the recycling unit and monitoring and evaluation at cost of Rs.50 Lakhs (Resolution No.294-2-5).

IV. MEETINGS OF THE BOARD

3. Proposal the constitution of a Blue Brigade in Marina Beach, Chennai with fifteen (15) e-Scooters and two (2) Station Wagon - three wheelers and Seventeen (17) personnel for operating e-Scooters and Station Wagons at an approximate cost of Rs.1,09,04,080/- (Rupees One Crore Nine Lakh Four Thousand and Eighty only) incl. of GST under TN SHORE project and the purchase of fifteen (15) e-Scooters at the total cost of Rs.23,39,400/- incl of GST (Rupees Twenty-Three Lakh Thirty-Nine Thousand and Four Hundred only) from the above cost of Rs. 1,09,04,080/-(Resolution No.294-2-6).
4. Proposal of forming three Manjappai brigades in Coimbatore District, the Nilgiris District (Ooty municipality) and Dindigul District (Kodaikanal Municipality) at an approximate cost of Rs.1,24,13,487/- (Rupees one crore twenty-four lakh thirteen thousand four hundred and eighty-sevenonly) and to ratify the purchase of 21 e-scooters atthe cost of Rs.32.75.160/- (rupees thirty lakh seventy-five thousand one hundred and sixty only) (Resolution No 294-2-7).
5. Proposal to carry out the initiative of "Massive Plastic Collection Drive, an Announcement for 2024-2025, to create awareness among the public once a month in all Districts and Greater Chennai Corporation for a year regarding the effects of plastic on the environment at an approximate cost of Rs.10 crores (Resolution No 294-2-9).
6. Proposal for carrying out the Component 4 Pollution abatement under TN SHORE project with the assistance of World Bank for five years at an approximate cost of Rs.100 crores. (Resolution No 294-2-10).
7. Proposal for releasing Rs.83.00 lakhs vide proceeding dated 08.03.2024 towards implementation of Project Nilgiri Tahr scheme during the year 2023-2024 to complete the tasks assigned for this financial year (Resolution No.294-2-11).
8. The allotment of project to the Energy and Resource Institute (TERI), New Delhi to conduct "Assessment of Environmental Compensation for the brick kilns located in Thadagam region of Coimbatore District" at a total cost of Rs.1,21,70,349/-(Rupees One Crore Twenty-one Lakh Seventy Thousand ThreeHundred and Forty-Nine Only) (Resolution No 294-2-12).

IV. MEETINGS OF THE BOARD

9. Proposal for set up thermal camera and gas detection sensors in solid waste dump sites located at Perungudi, Chennai and at Thirukattalai, Pudukottai by the TNPCB, an Announcement for 2024-2025 by utilizing advanced technologies AI-based command software to monitor the illegal dumping and burning of municipal wastes through a well renowned agency by following the Tamil Nadu Transparency in Tenders Act, 1998 at a restricted cost of Rs.4.00 Crores. (Resolution No. 294-2-13).
10. To issue revised "Guidelines for Hot Mix Plant in Tamil Nadu", in line with the existing "Guidelines for Hot Mix Plant in Tamil Nadu, 29.07.2016" and Environmental Standards for Hot Mix Plant of the MOEF & CC vide notification no. G.S.R. 376 (E), dated 18.05.2023. (Resolution No.294-2-14).
11. To release Rs.1 Crore from TNPCB's fund to Manali Ennore Restoration & Rejuvenation Company (MERRC) as an Authorized Share Capital as per G.O (Ms). No.43, Dated: 15.03.2024 (Resolution No. 294-2-16).
12. Proposal for issuing consultancy work to M/s. Price water house coopers Pvt Ltd., for technical support for EPR implementation in E-waste, Battery waste, Tyre waste and used oil in Tamil Nadu by engaging only two EPR coordinators at an approximate cost of Rs.56,64,000/- (Rupees fifty-six lakh and sixty-four thousand only) including 18% GST for 12 months period, as the Tender Accepting Authority shall be ordinarily permitted to vary the quantity finally ordered only to the extent of twenty five percent either way of the requirement indicated in the tender documents, as per the sub rule (9) of rule 14 of the TamilNadu Transparency in Tenders Rules 2000. Another one coordinator may be diverted from the existingteam of M/s. PricewaterhouseCoopers Pvt Ltd., already engaged for technical support to PWM section. (Resolution No.294-2-18).
13. Released amount of Rs.4.40 Crores towards the implementation of II phase of the Green Schools scheme in 26 Schools for the financial year 2023-2024 from the Board's fund. (Resolution No. 295-2-1).

IV. MEETINGS OF THE BOARD

14. Released amount of Rs.50.00 Lakhs towards implementation of "Lifestyle for Climate Change" for the year 2024-2025 under Tamil Nadu Climate Change Mission from Board's fund. (Resolution No 295-2-2).
15. The amount of Rs.20.30 crores released by the Tamil Nadu Pollution Control Board to the Conservation Authority Pallikaranai Marshland as a grant by TNPCB as per the direction of the Government (Resolution No. 295-2-3).
16. The payment of Rs.51,78,000/- (Rupees Fifty-One Lakhs and Seventy-Eight Thousand only) to the Project Director, Mahalir Thittam, Kanniyakumari for the procurement of 4 Battery Cars and 20 Gear Bicycles for the travel of tourists from sunrise point to the sunset point to minimize the pollution. (Resolution No.295-2-6).
17. Released of Rs.1.44 Crores towards implementing the Nilgiri Tahr Project for the year 2024-2025 and the release of Rs.0.6 Crores towards recouping the amount back to Tiger Foundation (Resolution No.295-2-9).
18. Released of Rs.76.50 lakh towards purchase of 255 nos. of Decibel Meters with printer to all enforcement offices of Transport Department to detect excessive noise caused by air horns from the Pollution Abatement Fund of Tamil Nadu Pollution Control Board. (Resolution No.295-2-12).
19. Proposal of "Developing strategies to convert solid organic waste into valuable products and Pollution mitigation utilizing Black Soldier Flies" from the Director of Centre for Plant Protection Studies, Tamil Nadu Agricultural University, Coimbatore at the cost of Rs.78.642 Lakh for a period of 2 years. (Resolution No.295-2-13).

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CHAPTER - V

ACTIVITIES OF THE BOARD

5.1 Monitoring and Issue of Consent to the Industries

Industries must obtain consent from the TNPCB under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974, and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 to discharge sewage or trade effluent into any stream, well, sewer, or land, and to emit pollutants in any air pollution control area across Tamil Nadu.

Consents for industries are issued in two stages. First, the 'Consent to Establish' (CTE) is granted after assessing criteria such as the required one km distance from river margins (G.O.(Ms) No.213, dated 30.03.1989) and five kms distance (G.O.Ms No.127, dated 08.05.1998), aiming to protect water bodies. Second, the 'Consent to Operate' (CTO) is issued once the industrial unit complies with the conditions outlined in the CTE. Thereafter, the industrial unit must renew it regularly to maintain compliance. The unit must always hold valid consent from the Board to continue its operations. The Board's field officers periodically inspect the industries within their jurisdiction to monitor their performance and instruct the industries to implement the corrective measures if necessary.

5.1.1 Categorization of Industries

TNPCB categorize the industries based on their pollution potentials, such as Red, Orange, Green and White, and the value of its Gross Fixed Assets (GFA) which is as follows:

Category based on polluting potential				GFA in Crore (Category)	TNPCB's Categorization of Industries
Highly Polluting	Medium Polluting	Less Polluting	Least Polluting		
Red (PI >= 60)	Orange (PI 41-59)	Green (PI 21-40)	White (PI < 20)	> 10 Cr. (Large)	Red Large Orange Large Green Large
				5-10 Cr.(Medium)	Red Medium Orange Medium Green Medium
				< 5 Cr.(Small)	Red Small Orange Small Green Small

V.ACTIVITIES OF THE BOARD

There shall be no necessity of obtaining consent for White category industries and only intimation to TNPCB shall suffice.

Number of industries under the consent mechanism of the Board is as follows:

Size / Category	Red	Orange	Green	Total
Large	2233	3568	1414	7215
Medium	318	1220	705	2243
Small	11484	26405	12345	50234
Total	14035	31193	14464	59692

District office wise number of the industrial units is given in **Annexure V**.

In Tamil Nadu, 198 industrial units are in operations under 17 categories of highly polluting industrial sectors and comprising of various categories such as Sugar (36), Thermal Power Plants (49), Cement (26), Pharmaceuticals (26), Distillery (17), Petrochemicals (10), Fertilizers (6), Tanneries (11), Caustic Soda (3), Pulp and Paper (3), Dye and Dye Stuff (2), Oil Refineries (2), Pesticides (2) Iron & Steel (1).

5.1.2 Inspection Periodicity and Sample Collection

TNPCB monitors the industries by periodical inspection and sample collection as per the schedule given in B.P. No. 22, dated 25.02.2004 as follows. The details of inspections carried out & samples collected are as follows:

Type of Industry	Category	Total number of industries	Total number of inspections actually conducted	Total number of samples actually collected
Large	Red	2233	8612	13545
	Orange	3568	4537	2942
	Green	1414	611	274
Medium	Red	318	842	586
	Orange	1220	1123	367
	Green	705	285	34
Small	Red	11484	6163	1597
	Orange	26405	8295	967
	Green	12345	3398	296
17 Category of Industry		198	1981	2040
Other Inspections / Samples collected			2311	2631

V.ACTIVITIES OF THE BOARD

5.2 Online Consent Management and Monitoring System (OCMMS)

The Online Consent Management and Monitoring System (OCMMS) is a web based generic application software for automating the workflow associated with consent management and monitoring and implemented in TNPCB since 2015. This system allows the industries for online submission of application for CTE / CTO / RCO/Auto renewal, uploading of documents, online payment of consent fees, online submission of clarification and to know the status of application and allows carrying out consent management processes such as scrutiny, raising inspection, raising clarification, submitting inspection report, preparing consent order and forward consent order to the industries through online at www.ocmms.tn.gov.in.

TNPCB grants Consent to Establish (CTE) to industries with seven years validity in case of Environmental Impact Assessment (EIA) attracting projects and five years validity in case of non-EIA attracting projects. The Consent to Operate (CTO)/Renewal is issued for eligible cases with a validity period of 5 years, 10 years and 14 years for red, orange and green category industries respectively. "Auto renewal" to the Red-Small, all orange and green category industries are considered without prior inspection based on the self-certification furnished by the industries.

The details of consent issued during 2024-2025 and so far by the TNPCB is as follows:

Period	Consent to Establish		Consent to Operate	
	Water Act	Air Act	Water Act	Air Act
Cumulative (up to 31.03.2024)	26,984	26,913	68,398	65,586
During Year 2024-2025	1,135	1,135	13,286	13,286
Total	28,119	28,048	81,684	78,872

5.3 Common Effluent Treatment Plants (CETPs)

Given the significant role of Micro Small Medium Enterprises (MSME) units and their challenges in meeting pollution control norms individually, the Ministry of Environment, Forest, and Climate Change has launched an innovative technical and financial support scheme to foster their growth in an environmentally sustainable manner.

V.ACTIVITIES OF THE BOARD

This scheme promotes common facilities for effluent treatment from MSME units located in clusters through financial assistance. The Tamil Nadu Pollution Control Board (TNPCB) supports the establishment of Common Effluent Treatment Plants (CETPs) for clusters of small-scale industries across various parts of the state. The Board also assists in the technical scrutiny of proposal plans for the CETPs. In Tamil Nadu, CETPs schemes were formulated in the following sectors:

Sl. No.	Industrial Sector	No. of CETP Schemes
1	Tanneries	13
2	Textile Bleaching & Dyeing Units	30
3	Electroplating Units	2
4	Hotels & Lodges	1
5	Pharmaceutical Industries	1
6	Common Marine Discharge Scheme	1
	Total	48

5.3.1 CETPs in Tannery Sector

There are 13 Common Effluent Treatment Plants (CETPs) established for the tannery sector in Tamil Nadu. Among them, 10 CETPs have implemented Zero Liquid Discharge (ZLD) system, while the remaining 3 CETPs (Madhavaram (entire Quantity of trade effluent), Pallavaram and Dindigul (portion of their trade effluent)) are diluting their treated effluent with treated domestic sewage to meet the standards prescribed by the Board.

Further, the Board has issued closure direction to the CETP at Perundurai for non-compliance of the conditions stipulated in the consent order. The CETP at Trichy is not in operation due to closure directions issued to its member units by the Board.

V.ACTIVITIES OF THE BOARD

The List of CETPs in Tannery sector is as follows:-

Sl. No.	Name of the CETPs	Number of member units	Consented Quantity (KLD)	Permitted quantity (KLD)
1	M/s. Talco Trichy Tannery Effluent Treatment Company, Trichy (self closed)	5	201.40	201.40
2	M/s. Perundurai Leathers Industries Eco – Security Private Limited, Erode District (under closure)	14	2000.00	1000.00
3	M/s. Ambur Tannery Effluent Treatment Company Limited, Thuthipet Sector, Ambur, Tirupathur District	44	2219.00	2219.00
4	M/s. Ambur Tannery Effluent Treatment Company Limited, Maligaithope Sector, Ambur, Tirupathur District	17	1100.00	1100.00
5	M/s. Vanitec Limited Valayampet, Vaniyambadi, Tirupathur District	133	3342.00	3342.00
6	M/s. Talco Pernambut Tannery Effluent Treatment Company Ltd., Pernambut, Vellore District	36	891.00	891.00
7	M/s. Ranipet Tannery Effluent Treatment Company Limited (RANITEC), Ranipet District	92	4500.00	4500.00
8	M/s. Ranipet Finished Leather Effluent Treatment Company Limited, Ranipet District	79	2500.00	2500.00
9	M/s. SIPCOT – SIDCO Phase II Entrepreneur Finished Leather Effluent Treatment Co. Ltd., Ranipet District	20	1560.00	1000.00
10	M/s. Visharam Tanners Enviro Control Systems (p) Ltd., Melvisharam, Ranipet District	36	3400.00	600.00
11	M/s. Madhavaram Leather Manufactures Facility (P) Ltd., Madhavaram (Dilution)	14	400.00	400.00
12	M/s. Pallavaram Tanners Industrial Effluent Treatment Company Limited, Chrompet, Chennai (Dilution)	130	3000.00	3000.00
13	M/s. Talco Dindigul Tanners Enviro Control System Pvt. Ltd., Dindigul (Dilution)	49	2533.00	2533.00
Total		669	27646.40	23286.40

Tannery - IETPs and CETPs ZLD plants mixed salt

- In Tamil Nadu, about 1,27,773.674 Metric Tons of mixed salts generated from Zero Liquid Discharge (ZLD) treatment system of Tannery units are stored in the premises of the industries/ CETPs inside closed sheds.

V.ACTIVITIES OF THE BOARD

- The Central Salt & Marine Chemicals Research Institute (CSMCRI) in Bhavnagar, Gujarat, has developed a system to purify this mixed salt to be used in various industries, such as Chlor Alkali, soda ash, textiles, and pulp and paper.
- M/s. Tuticorin Alkali Chemicals and Fertilizers Limited, Thoothukudi has agreed to use the treated salt as a raw material in their manufacturing process.
- The AISHTMA has been directed to expedite the installation of a pilot plant for this process.
- The Standard Operating Procedure (SOP) for utilizing the purified salt is yet to be released by the Central Pollution Control Board (CPCB).
- The CETP M/s. Ranipet Effluent Treatment Company has submitted a revised DPR to the Central Government for the upgradation process including a salt purification plant. The implementation of salt purification technology will be a solution to a long-term problem in the tannery sector.

5.3.2 CETPs in Textile Bleaching and Dyeing Sector

30 Common Effluent Treatment Plants (CETPs) were established and commissioned between 1996 and 2000, with primary and secondary treatment systems. Since the CETPs were unable to reduce the Total Dissolved Solids (TDS) level to 2100 mg/L, they were directed to implement Zero Liquid Discharge (ZLD) systems. Consequently, out of the 30 CETPs:

- 19 CETPs (18 in Tiruppur and 1 in Perundurai) have implemented tertiary treatment with Reverse Osmosis (RO) Plant, Multiple Effect Evaporator, and Agitated Thin Film Dryer to meet ZLD standards.
- One CETP at Ayyampet-Muthyalpet in Kancheepuram District has proposed to provide a ZLD Plant and is in the process of securing grants from the Central and State Governments.
- The remaining 10 CETPs (8 in Karur and 2 in Tiruppur) are under closure due to orders from the Hon'ble High Court for their inability to achieve ZLD standards.

V.ACTIVITIES OF THE BOARD

The List of CETPs in Textile sector is as follows:

S. No.	Name and address of CETP	No. of member units	Capacity of the Plant in KLD
1	M/s. Arulpuram Common Effluent Treatment Company Pvt Ltd., Palladam Taluk, Tiruppur District	10	5500
2	M/s.Eastern Common Effluent Treatment Company Private Limited, Tiruppur South Taluk, Tiruppur District	24	6000
3	M/s. Kallikadu Common Effluent Treatment Plant Private Limited, Tiruppur Taluk, Tiruppur District	12	3000
4	M/s. TiruppurMurugampalayam Common Effluent Treatment Company Limited, Tiruppur Taluk, Tiruppur	50	11000
5	M/s. Mangalam Common Effluent Recycling Tech. India (P) Ltd, Tiruppur(S) Taluk, Tiruppur District	13	4000
6	M/s. Rayapuram Common Effluent Treatment Plant (P) Ltd, Tiruppur North Taluk, Tiruppur District	12	5500
7	M/s.Veerapandi Common Effluent Treatment Plant Pvt. Limited, Tiruppur Taluk, Tiruppur District	62	12000
8	M/s. Angeripalayam Common Effluent Treatment Plant Ltd., Tiruppur Taluk, Tiruppur District	46	10000
9	M/s. Chinnakkarai Common Effluent Treatment Plant Private Limited, Tiruppur(S) Taluk, Tiruppur District	20	8000
10	M/s.Karaipudur Common Effluent Treatment Plant Pvt. Ltd, Palladam Taluk, Tiruppur District	19	4500
11	M/s. Kasipalayam Common Effluent Treatment Plant Pvt. Ltd., Uthukuli Taluk, Tiruppur	11	4400
12	M/s. Kunnankalpalayam Common Effluent Treatment Plant Limited, VeerapandiPost,Tiruppur District	15	5500
13	M/s. Mannarai Common Effluent Treatment Plant (P) Limited, Tiruppur North Taluk, Tiruppur District	18	4200
14	M/s. Sirupooluvapatti Common Effluent Treatment Plant (P) Ltd, Tiruppur North Taluk, Tiruppur District	19	5000
15	M/s. Vettuvapalayam Common Effluent Treatment and Recycling Plant (P) Ltd, Tiruppur(S) Taluk, Tiruppur	9	1500
16	M/s. Andipalayam Common Effluent Treatment Plant (P) Ltd, Andipalayam Village, Tiruppur District	10	4500
17	M/s. S. Periyapalayam Common Effluent Treatment Plant (P) Ltd, Perundurai Taluk, Tiruppur District	6	1500
18	M/s. Park CETP (P) Limited, P.N. Road,Tiruppur District	4	2500
19	M/s. Perundurai Common Effluent Treatment Plant (Textiles), Erode District – 638 052	9	4050
		369	102650

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5.3.3 CETPS in Electroplating sector

Three CETPs are established and commissioned for Electroplating units located in Ambattur Taluk, Chennai District, Kancheepuram District and Sivagangai District.

List of Electroplating CETPs

Sl. No.	Name and address of CETP	No. of member units	Capacity of the Plant in KLD
1.	M/s. JBR Technologies Ltd, Korattur Village, Ambattur Taluk, Chennai District.	223	200
2.	M/s. Madurai Electroplating Industrial Park, D Karisalkulam Village, Thiruppuvanam Taluk, Sivagangai District.	small:48 medium:16 large:16	49.6 KLD
3.	M/s. Thirumudivakkam Industrial Enviro Private Limited, Thirumudivakkam village Kundrathur Taluk, Kancheepuram District.	02	200

5.3.4 List of Other CETP

Sl. No.	Name and address of CETP	No. of member units	Capacity of the Plant in KLD
1.	M/s. Kodaikanal Effluent Treatment Company Limited, Kodaikanal Taluk, Dindigul District - for treating the sewage generated from hotels and lodges located in Kodaikanal hill station and treated sewage disposed into an odai.	35	850.00

5.3.5 Common Marine Discharge Scheme

The Cuddalore SIPCOT Industries Common Utilities Limited is a common marine discharge scheme, commissioned in January 2000. It collects treated trade effluent from units in SIPCOT Phase I & II, Cuddalore, including textile processing, pharmaceutical, dye, chemical, pesticide, and miscellaneous units, and disposes of it into the sea. The facility includes 6 collection sumps, inter-connecting pipelines, the pipeline is anchored with concrete blocks and features diffuser arrangements to release the effluent into the sea at a depth of 8 meters below the surface at a rate of 500 cubic meters per hour.

5.4 Waste Management

5.4.1 Solid Waste Management

The Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India (GoI) have notified the Solid Waste Management Rules, 2016. Under Rule 15, the specific responsibilities of Local Bodies have been outlined. In accordance with Rule 16, the Tamil Nadu Pollution Control Board (TNPCB) enforces these rules through the Local Bodies.

In Tamil Nadu, there are 25 Corporations, 141 Municipalities and 481 Town Panchayats. The Solid Waste Management Rules 2016 prescribes that, the Local Bodies shall make an application in Form-I for grant of authorisation for setting up waste processing, treatment or disposal facility, if the volume of waste is exceeding five metric tonnes per day including sanitary landfills from the State Pollution Control Board. The TNPCB has issued authorization to 245 Local Bodies.

As per the Annual Report of the year 2024-25, the total quantity of solid waste generation is 16563 tons/day (TPD), out of which 16443 TPD is being collected by the local bodies. Out of the collected solid waste, 56.57% is treated by the local bodies.

Local Bodies shall carryout bio-mining of old dump sites and recover the land as per Rules. Accordingly, the bio-mining of legacy waste has been initiated by the Local Bodies in 290 locations in the State, of which, 241 locations have been completed and work is in progress in 49 sites. As such, 1206 acres of land have been reclaimed in the 241 locations. TNPCB is monitoring the environmental (Ground Water and Ambient Air) qualities in and around the old dump-sites periodically.

The Annual Reports received from the Local Bodies is consolidated and submitted to the CPCB in Form-V. The report is also uploaded in the TNPCB website.

The Hon'ble National Green Tribunal (Principal Bench), New Delhi took Suo-Moto case in Original Application No. 606 of 2018 on 23.07.2018, on the compliance of Solid Waste Management Rules, 2016 and reviewed solid waste management based on Annual Report prepared by the CPCB and noticed serious deficiencies and issued series of orders / directions which include constitution of State Monitoring Committee for each State, formation of Special Task Force in each District,

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submission of compliance status as quarterly reports, levying of environmental compensation, etc.

Therefore, TNPCB assessed Interim Environmental Compensation based on the said orders and issued Directions under section 5 of the Environment (Protection) Act, 1986 to remit Interim Environmental Compensation to 4 Local Bodies (2 Town Panchyats, 1 Panchayat Union and 1 Village Panchayat). Also Show Cause Notices have been issued to 4 Local Bodies (3 Corporations and 1 Panchayat Union) under Section 5 of the Environment (Protection) Act, 1986, as to why the Board shall not levy Interim Environmental Compensation for non-compliance of Solid Waste Management Rules and directions have been issued to 7 Local Bodies (2 Corporations, 2 Municipalities, 2 Town Panchayats and 1 Panchayat Union) under Section 5 of the Environment (Protection) Act, 1986.

5.4.2 Sewage Treatment Plant by the Local Bodies

In Tamil Nadu, there are 109 Sewage Treatment Plants (STPs) with a total capacity of 2337.332 MLD operating in Corporations, Municipalities and Town Panchayats.

TNPCB has issued directions to the Local Bodies to set up STPs of adequate capacity including provision for underground sewerage system to cover the entire local/ urban areas under their jurisdiction. The details of STPs are provided in the following table:

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List of operational STPs established by local bodies

S.No	Name of the STP	Capacity (MLD)
Chennai Metropolitan Water Supply and Sewerage Board		
1	Egmore	10
2	Koyembedu	120
3	Koyembedu	45
4	Nesapakam	50
5	Nesapakam	54
6	Kodungaiyur	110
7	Sholinganallur	18
8	Nesapaakkam	40
9	Perungudi	54
10	Perungudi	60
11	Kotturpuram	0.6
12	Koyembedu	34
13	Koyembedu	60
14	Nesapakam	10
15	Kodungaiyur Zone 1	120
16	Kodungaiyur Zone 2	120
17	Kodungaiyur	45
18	Thiruvottriyur	31
19	Perungudi	12
20	Chetpet	1
21	Nungambakkam	1.2
22	Toddhunter Nagar	4.0
Directorate of Municipal Administration		
23	Coimbatore - Ukkadam	70
24	Coimbatore - Ondiputhur	60
25	Coimbatore - Nanjudapuram	40
26	Coimbatore (KK UGSS) at Vellore	30.53
27	Tiruchirappalli Panchapur	58
28	Vellore	10.28
29	Dindigul	5
30	Erode	50.55
31	Tirunelveli	24.2
32	Avadi	36
33	Avadi	4
34	Madurai-Vellakal STP	125
35	Madurai-Sakimangalam STP	45.7
36	Salem - Vellakuttai STP	13
37	Salem - Anaimeedu STP	6
38	Salem - Mankuttai STP	35
39	Salem - Vandipattai STP	44
40	Thanjavur	28
41	Tiruppur (Sarkarperiyapalayam)	36
42	Tiruppur (Chinnandipalayam)	20
43	Thoothukudi (Smart City fund)	28
44	Kanchipuram	14.7
45	Tamparam	30
46	Karur	15
47	Kumbakonam	17

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S.No	Name of the STP	Capacity (MLD)
48	Cuddalore	12.25
49	Nagarcoil	17.66
50	Thiruvannamalai	8.7
51	Karaikudi	16
52	Namakkal	7
53	Pudukottai	10.62
54	Maraimalai Nagar	2.2
55	Tiruvallur	6.2
56	Chidambaram	9.44
57	Villuppuram – (Kakuppam)	9
58	Villuppuram (Erumanthangal)	3.5
59	Arakkonam	11.04
60	Thirupattur	11.43
61	Ambur	16.71
62	Theni-Allinagaram	12.05
63	Chinnamanur	3.99
64	Ramanathpuram	8.19
65	Periyakulam	5.47
66	Sivagangai	4.92
67	Bodinayakkanur	12.08
68	Dharmapuri	4.86
69	Krishnagiri	9
70	Mettur Salem camp Sarkarthottam	0.924
71	MetturThangamapuripattinam	0.823
72	Rasipuram	6.96
73	Tiruvarur	6.92
74	Perambalur	4.2
75	Mayiladuthurai	5.85
76	Nagapattinam	9.63
77	Nagapattinam (Nagoor)	2.96
78	Ariyalur	4.16
79	Udhagamandalam	5
80	Sathiyamangalam	4.08
81	Pollachi	11.25
82	Mettupalayam	8.64
83	Udumalaipet	7.81
84	Virudhunagar	7.65
85	Rajapalayam	21.85
86	Sattur	4.63
87	Thiruchendur	4.39
88	Ulundhurpet	3.15
89	New Tiruppur Area Development Corporation	30
90	Vandavasi Municipality	0.02
91	Udhagamandalam	2
92	Mettur, Sampalli	3.36
93	Cumbum	40
94	Gudalur	20
95	Tiruchirappalli, Keelakalkandarkottai	37
96	Kundrathur	0.8

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Commissionerate of Town Panchayats		
97	Mamallapuram	2.34
98	Thirumazhisai	3
99	Perundurai	3.14
100	Manachanallur	6.41
101	Orthanadu	2.3
102	Vallam	2.35
103	Velankani	2.33
104	Thiruporur	4.02
105	Sriperumbudur	8.5
106	Chengam	0.02
107	Pennagaram	0.35
108	Vaitheeswaran Koil	0.02
109	Sulur	0.425
TOTAL		2337.332

The sewage treated from these plants is either used for irrigation or let into water bodies after satisfying the standards prescribed by the Board.

To achieve 100% treatment of sewage in Tamil Nadu, TNPCB has directed the Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB), Director of Municipal Administration (DMA) and Directorate of Town Panchayat to complete the underground sewerage system in the unsewered area, to operate & maintain the STPs continuously, to install OCEMS (Online Continuous Effluent Monitoring System) for the parameters pH, TSS, COD, BOD and flow and use mobile application as per CPCB directions dated 15.02.2021. Further, TNPCB directs the local bodies to operate & maintain the STPs continuously and to install Online Continuous Emission/Effluent Monitoring System (OCEMS) in their existing & upcoming plants for monitoring them effectively.

In order to prevent illegal discharge of sewage by tanker Lorries into water bodies, directions have been issued to local bodies to install Digital Lock system with GPS tracking in the Tanker Lorries which are registered with them. Also, in cases where violations pertaining to illegal discharge of sewage are noticed, TNPCB directs the Transport Department to cancel the Registration Certificates (RCs) of such erring tanker lorries. A total of 4 registration numbers of erring Lorries have been recommended for cancellation by TNPCB in the year 2024 – 2025.

TNPCB also levies Environmental Compensation to the respective local bodies as and whenever violations are noticed, as per existing norms.

5.4.3 Construction and Demolition Waste Management

The MoEF&CC, GoI have notified the Construction and Demolition Waste Management Rules, 2016. These rules are notified exclusively to manage waste from Construction & Demolition activities. These rules apply to every waste resulting from construction, re-modeling, repair and demolition of any civil structure of individual or organization or authority that generates construction and demolition waste such as building materials, debris and rubble. According to the Rules, the Local Bodies need to ensure proper management of construction and demolition waste. The State Pollution Control Board is monitoring the implementation of these rules and grant authorization for the Construction & Demolition Waste Processing Facility.

TNPCB has issued directions to all the Local Bodies to take necessary action to comply with the provisions of these rules and to provide suitable sites for setting up for the storage, processing and recycling facilities for construction and demolition waste. The TNPCB has also issued directions to the line departments viz. Chennai Metropolitan Development Corporation, Directorate of Town and Country Planning, Public Works Department, Tamil Nadu Housing Board & Tamil Nadu Urban Habitat Development Board to procure material from Construction and Demolition waste and make it mandatory in municipal and Government contracts.

TNPCB has issued Consent to Operate under Water (P&CP) Act, 1974 & Air (P&CP) Act, 1981 for the Construction and Demolition (C&D) waste processing facilities at Kodungaiyur and Perungudi by the Greater Chennai Corporation. Also press release issued strictly instructing to ensure proper collection, storage, transportation, recycling & disposal of Construction and Demolition (C&D) wastes as per the provisions of the Construction and Demolition Waste Management Rules, 2016.

TNPCB has issued directions under Section 31 (A) of Air (Prevention and Control of Pollution) Act 1981 to all the line departments to comply with the Provisions of the Rules and “Guidelines of Dust Mitigation Measures in handling construction material and Construction & Demolition (C&D) wastes” for dust mitigation measures of construction and demolition activities.

5.4.4 Plastic Waste Management

Rapid Increase in population, urbanisation, economic levels and Industrial growth has led to massive increase in the generation of plastic waste.

As per the Annual report submitted by the ULBs for the year 2024 - 2025, a total quantity of 2,170 tonnes/ day of plastic waste have been generated from 25 Municipal corporations, 141 Municipalities, 481 Town panchayats and 2 Cantonment Board in Tamil Nadu. Out of this 99.7% (2,163 tons/day) of the waste was collected and channelized for recycling and other purposes. The collected waste is then segregated and sent to resource recovery facilities and the recyclable waste is sold to the registered recyclers and the non-recyclable waste are disposed to cement manufacturers for co-processing.

As per Plastic Waste Management Rules, 2016 as amended, there are 105 authorized plastic waste recyclers in Tamil Nadu. The total amount of plastic waste channelized for recycling from the total plastic waste collected is around 695 tonnes/day.

There are 38 compostable plastic manufacturing units in the State have registered with Tamil Nadu Pollution Control Board.

Ban on Single Use Plastics (SUP)

The Government vide G.O.(Ms) No.84 E&F Department dated 25.06.2018, have issued orders to ban certain types of one-time use and throwaway plastic items including plastic carry bags irrespective of thickness and size. The ban is in effect from January 2019.

The Ministry of Environment, Forest and Climate Change, Government of India vide notification dated 12.08.2021, notified ban on manufacture, import, stocking, distribution, sale and use of banned certain types of Single Use Plastic Items. The ban is in effect from 01.07.2022.

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Enforcement of Ban on SUP

From January 2019 Closure and disconnection of power supply were issued to 273 Industries (as on 31.03.2025) which were involved in the manufacture of banned plastic manufacturing items, including non-woven carry bags, plastic carry bags, water pouches, etc.

Frequent raids are being conducted by the ULB officials and fines are imposed against the users of Single Use Plastics (SUPs). Since 2019, 17,96,644 raids have been conducted in which 2,709 tonnes of Banned Single Use Plastics were seized and Rs.22.38 crores have been imposed as fine amount, till 31.03.2025.

Special Enforcement Activities

Tamil Nadu Pollution Control Board has carried out strict enforcement of Single Use Plastic ban and accordingly intensive activities were carried out as per the instructions of the Central Pollution Control Board with focus on Street Vendors, Flower and Fruit Sellers, Local Markets, Wholesale Markets, Industrial Areas, interstate borders, inspection of concerned industries in all the districts of Tamil Nadu.

During the special enforcement drive, carried out from April 2024 to March 2025, 44,000 entities were inspected. Out of which 13,684 violations were observed, 30.32 Tons of banned SUP items were seized and Rs. 25.73 lakh of fine amount were collected by the Local bodies.

Awareness Activities on SUP Ban

The following activities were taken up by the TNPCB:

- The District officials of TNPCB are conducting awareness campaigns in coordination with the District Collectors vested with the responsibility of ensuring the prevention of storage, supply, transport, sale, and use of banned plastic items. The awareness campaign carried out in various districts includes viz., vehicle campaign, distribution of pamphlets to the public, display of posters in District offices of TNPCB, Government offices, schools, colleges, commercial establishments, public gathering areas such as hospitals, hotels, industrial estates, malls, bus stands, railway stations, theatres etc.
- TNPCB has issued Press Release in both English and Tamil on the ill effects of single use plastics. The Government's effort to enforce the ban on SUP

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was elaborated and the people's cooperation and support to eliminate the same were sought.

TNPCB's Environmental Initiatives at Suruli Saral Vizha 2024 in Theni

The Suruli Saral Vizha 2024 was held from 28.09.2024 to 02.10.2024, in Theni District. During this five-day event, the TNPCB Theni showcased several initiatives focused on promoting environmental sustainability. The exhibition included a display of banned SUPs alongside eco-friendly alternatives, manjappai vending machine, and informative posters highlighting the District office's efforts in environmental conservation. The District Collector commended these initiatives, acknowledging their significant contributions to protecting the environment.

SUP free Temples

- Temples often serve as hubs for communities and can be influential in spreading awareness. The Manjappai Brigade were guided to engage with street vendors and flower vendors near temples, as they are integral parts of the local ecosystem and often use single use plastics in their businesses and will be entry point for SUPs into the Temples With this view Tamil Nadu Pollution Control Board (has initiated a pilot project to make three temples in Chennai Marundeeswarar Temple in Thiruvannamalai, Kabaleeswarar Temple in Mylapore and Parthasarathy Temple in Triplicane as Single Use Plastic (Free Temples This initiative is being carried out in coordination with the Hindu Religious and Charitable Endowments (HR& department, Greater Chennai Corporation (GCC).
- In this regard 230 cane baskets were handed over to the vendors at these three temples for pooja purposes and instructions were given to the executive officers to ensure the non-entry of banned. Further, TNPCB Brigades are follow-up the vendors for the change.

Awareness activities carried out for Karthigai Maha Deepam Festival 2024 at Tiruvannamalai

- Every year on Karthigai Maha Deepam Festival, Tamil Nadu Pollution Control Board along with the District Administration, Tiruvannamalai has been creating awareness on the avoidance of Single Use Plastics (SUP) and encourage the use of eco-alternatives to the devotees & public in the District Headquarters. Similarly, in 2024 awareness programmes have been carried in

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Tiruvannamalai Town for the Karthigai Maha Deepam festival on 13.12.2024. For awareness creation 10 nos. of facility centres were established along the girivala path to distribute manjappai cloth bags to the public replacing their plastic carry bags. SUP ban and Manjappai awareness pamphlets distributed to the devotees, and Manjappai awareness stickers pasted on the TNSTC government buses, private buses and share auto-rickshaws.

- In addition, 25 nos. of permanent display Manjappai awareness boards (size 6 inches x 3 inches) were installed presenting slogans of Meendum Manjappai Campaign and for the prevention in usage of banned SUPs at the eight entry points in the District. Also, 5 nos. of permanent Display Plates (size 2 inches x 1 inches) were installed, which presenting about the harmful effects of camphor burning with its plastic covers and 10000 Manjappai bags were distributed.
- As part of the Meendum Manjappai Campaign and SUP ban enforcement, regular plastic raids were carried out at the local shops, street vendors, wholesale outlets, markets etc., along the girivala path & other prominent places of the town in coordination with the officials of the Tiruvannamalai City Municipal Corporation owing to the Karthigai Maha Deepam Festival 2024.

SUP Free Kalaingar Centenary Bus Terminus (KCBT)

In a significant move towards environmental sustainability, the Chennai Metropolitan Development Authority (CMDA) has issued an order declaring the Kalaingar Centenary Bus Terminus (KCBT) located at Kilambakkam as single-use plastic (SUP)-free zone. The order encompasses implementation of the ban on Single Use Plastics as per the G.O (Ms) No. 84, Environment & Forest Department of Tamil Nadu Government (EC. 2) Notification dated 25.06. 2018 (EC2) ordering a comprehensive ban on the use, sale, storage, and distribution of a wide range of single-use plastic items. Items such as plastic carry bags, cutlery, straws and packaging films will no longer be permitted, encouraging visitors and stakeholders to opt for sustainable alternatives. This bold step is intended to foster sustainable practices, reduce plastic waste generation, and promote a cleaner and healthier environment for passengers, staff, and the community at large. To support the transition, CMDA in association with TNPCB has outlined clear guidelines.

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In order to make Manjappai more available to the public, 5 Manjappai Vending Machines were launched inside the bus stand. Businesses and vendors within the terminus to adopt eco-friendly alternatives such as paper products, cloth bags, and biodegradable materials. A meeting was also conducted by the TNPCB with the KCBT officials and shopkeepers on 20.05.2024 to brief on the order and the best practices to be adopted. Water dispensers and refillable bottles may also be made readily available to discourage the use of single-use plastic water bottles.

Training on SUP Ban &Meendum Manjappai Campaign for SUP-Free Secretariat Programme

TNPCB organized a one-day training program at Tamil Nadu Secretariat aimed at making Single-Use Plastics free TN Secretariat campus on 08.10.2024, the TNPCB in collaboration with GIZ, successfully organized a day training program at the Tamil Nadu Secretariat aimed at making the TN Secretariat campus completely free of Single-Use Plastics (SUPs). This initiative is part of the ongoing efforts under the Meendum Manjappai campaign to combat plastic pollution and promote sustainability. The workshop empowered nodal officers from various departments to become climate ambassadors, responsible for educating staff on eliminating SUPs and adopting eco-friendly alternatives. The event was graced by the Hon'ble Minister for Finance, Environment, and Climate Change, emphasizing the government's commitment to creating a Single Use Plastic-free Secretariat and setting a benchmark for other institutions across the State.

A total of 36 departments from the Tamil Nadu Secretariat participated, with 65 officers in attendance. The training aimed to foster collaboration and commitment toward reducing SUPs within government operations.

International Plastic Bag Free Day 2024

- On occasion of International Plastic Free Day 2024, TNPCB officials serves as a global call to action, uniting individuals, businesses, and governments in the fight against plastic pollution. By reducing our reliance on plastic bags and adopting sustainable alternatives, we can protect our environment for future generations.
- In Tamil Nadu, The Tamil Nadu Pollution Control Board (TNPCB) has taken proactive measures to raise public awareness about this critical issue. As part of the efforts, TNPCB organized a series of awareness activities and campaigns

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across all 38 districts of the State. A total of 45 awareness programs were organized, educating the public on the harmful effects of single-use plastics and encouraging the use of eco-friendly alternatives. This included 9 rallies, mobilizing students, officials, and community members to advocate for the adoption of reusable bags. To further support this initiative, 5 Manjappai vending machines were inaugurated, providing easy access to Manjappai bags. During these events, a total of 14,450 Manjappai cloth bags were distributed to the public, reinforcing the commitment to minimizing plastic waste and fostering a cleaner, greener environment. International Plastic Bag Free Day, celebrated annually on July 3, is a global initiative aimed at highlighting the harmful impact of plastic bags on the environment. The day serves as a call to action, urging individuals and communities to eliminate the use of plastic bags and adopt sustainable alternatives.

International Beach Clean-up Drive 2024

To sensitize the public and school students about the impact of plastic litter, especially discarded fishnets, in the marine environment, on the occasion of International Coastal Cleanup Day (ICC Day takes place on the third Saturday of September every year), on September 21, 2024, the TNPCB, in partnership with the MoEF&CC, held a Beach Cleaning event at Marina Beach in Chennai. The event was inaugurated by the Chairperson and the Member Secretary from Tamil Nadu Pollution Control Board, Additional Director, Department of Environment and Climate Change, Under Secretary from MoEF&CC, the Regional Director from CPCB, Chennai and other officials. Around 260 participants joined the clean-up, successfully collecting a total of 180 kg of waste, which included 135 kg of plastic and 45 kg of other waste. The collected waste was subsequently handed over to the Greater Chennai Corporation for proper disposal.

Trainings on EPR for Plastic Packaging

The EPR plastic packaging trainings to TNPCB officials and EPR obligated entities as a part of capacity building on EPR Registration of PIBOs, PWPs and ULBs in coordination with GIZ.

Also, provided trainings to PIBOs and PWPs regarding EPR application process as a part of the World Environment Day 2024 celebrations 5th June.

“Meendum Manjappai” Campaign

A State Campaign titled “Meendum Manjappai”- “a call for back to basics and into the future” with traditional nature-based solutions was launched as a “People’s Campaign against throwaway plastics” The campaign was launched in December 2021 to create awareness among the people and to promote alternatives to plastic, alongside enforcement of ban on SUPs. Urging citizens to replace use of single use plastic carry bags with Manjappai, a traditional symbol of Tamil culture, Meendum Manjappai campaign is a massive people’s campaign against throwaway plastics and, a call for returning back to the basics and into the future with nature-based solutions. The campaign is being implemented in all Districts and awareness activities are being conducted in coordination with District Collectorates and line Departments. The local bodies are taking action to inspect the shops / commercial establishments to check the use of SUPs and are seizing the materials already banned by the Government of Tamil Nadu. More than 8.58 lakhs Manjappai carry bags have been distributed through awareness campaigns.

Launch of Manjappai vending machines

In support to the campaign and to make Manjappai available and accessible to public and reduce the usage of plastic carry bags, the Government of Tamil Nadu came up with a first of its kind cloth bag vending machine and as on March 2025 these machines are installed at 216 locations across 38 Districts of Tamil Nadu at strategic locations like markets, malls, public building premises and locations of high public footprint such as Koyambedu Market (wholesale fruits and vegetable market), Madras High Court premises, Madurai Bench of Madras High Court, Madurai District Court, markets in certain Districts, etc. Also, these machines were showcased during special gatherings like National Expo on Eco-alternatives for banned SUP and Conference for Start-ups 2022, Singara Chennai Food Festival, Trade fairs and Eco alternative Conclave 2024, TN Climate Summit 3.0, Tourism Island Ground and District events.

Awareness to school children through animation videos

The Government of Tamil Nadu has been actively undertaking a number of initiatives towards creating awareness among the citizens. Considering that the children are the future of the State, the Government has prioritised creating

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awareness regarding the ban and the use of eco-alternatives among the school students. One of the key initiatives undertaken towards the students is broadcasting awareness videos among the Government school students.

Animated awareness videos regarding the ill effects of plastic on environment, animals, natural resources, etc., and best practices on using eco-alternatives to plastic have been broadcasted to the students across the State. So far, 21 videos have been created and broadcasted among around 700 Government schools, 28 Government aided schools, 9 Adi-Dravidar Schools, benefitting around 500 students. The reach for these videos have been welcoming among the students and has been effective in bring about behavioural changes among students.

Setting up stalls at exhibitions

Stalls promoting eco-alternative products and Manjappai vending machines were set up at various exhibitions like the Chennai Food Mela, India tourism and trade fair, Rotary club sustainability, Climate Summit 2.0, Wellness Expo, India International EV show, G20 summit, Eco alternative Conclave 2024, TN Climate Summit 3.0, Tourism Island Ground Exhibitions etc.

The placing of stalls at events with high footfall like these helps raise awareness and visibility about the eco-friendly alternatives available to commonly used SUP items.

Beach Cleanup Drive (International Coastal Cleanup (ICC) Day 2024) Conducted at Marina Beach

A beach cleanup drive was held at Marina Beach, Chennai on 21.09.2024, in collaboration with the TNPCB and the Ministry of Environment, Forest and Climate Change (MoEF&CC). The event was inaugurated by the TNPCB Chairperson, with key officials from MoEF&CC, CPCB, and the Department of Environment and Climate Change.

Around 260 participants collected 180 kg of waste, including 135 kg of plastic and 45 kg of other debris. The waste was handed over to the Greater Chennai Corporation for proper disposal, contributing to the beach's cleanliness and sustainability.

Manjappai Award

The Hon'ble Minister for Environment, Climate Change, made announcement on the floor of the legislative assembly for the financial year 2023 – 24, that the Manjappai Award will be given to the three best schools, colleges and commercial establishments each which effectively implement the ban on SUPs in their campus and encourage the use of alternatives to Single Use Plastic (carry bags and other banned SUPs and to revive the use of traditional eco friendly alternatives, such as the Manjappai (Yellow bag).

On the occasion of the Manjappai Award Ceremony on 28th August 2024, Manjappai Awards with prize money of Rs. 10 Lakhs (1st prize), Rs. 5 Lakhs (2nd prize) and Rs. 3 Lakhs (3rd Prize) for 3 best Schools and 3 best Colleges were distributed to winners by the Hon'ble Minister for Environment and Climate Change.

The Manjappai Award for the year 2024-25 has been proposed to be distributed on Environment Day 2025.

TNPCB Hosts Bag-athon 2024 to Cost-Effective Eco-Friendly Bags

TNPCB organized the Bag-athon Competition 2024 to identify a cost-effective cloth bag manufacturer. On October 9, 2024, during the Bag-athon presentations, shortlisted participants showcased their innovative solutions for producing eco-friendly bags at just INR 5. These ideas were evaluated by a distinguished external committee to promote sustainable manufacturing practices.

Eco Alternative conclave 2024

In a significant move towards environmental sustainability, the TNPCB, hosted the Eco-Alternative Conclave 2024 on 13.11.2024, at Taj Coromandel, Chennai. The conclave aimed to accelerate the transition from SUPs to eco-friendly alternatives and provide a platform for discussion on policies, challenges, and opportunities in the sector.

The event was inaugurated by the Hon'ble Minister for Finance, Environment, and Climate Change in the presence of senior government officials, including the Principal Secretary to Government of Tamil Nadu, and representatives from pollution control boards of various states, as well as financial institutions, organizations, and businesses. Around 250 participants gathered at the conclave to discuss and explore

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strategies for reducing plastic waste and promoting sustainable alternatives. The Hon'ble minister for Finance, Environment and Climate Change has released the updated version of Eco Alternatives Directory-2024 and felicitated the winners of Bagathon 2024

The event featured four panel discussions covering topics such as successful SUP bans, industry demands for eco-alternatives, scaling production, and financial support for eco-friendly businesses.

The conclave emphasized the need for stronger policies, financial incentives, and awareness campaigns to overcome challenges like affordability and accessibility of eco-alternatives. TNPCB will submit the recommendations from the conclave to the Government of India to further support the growth of eco-alternative businesses in Tamil Nadu.

TNPCB Stalls at TN Climate Summit 3.0

On occasion of TN Climate Summit 3.0 on 04.02.2025 and 05.02.2025, TNPCB set up four thematic stalls to spotlight key environmental initiatives such as the Tamil Nadu Fishnet Initiative (TNFI), the Meendum Manjappai Campaign, the efforts of the SUP Free Brigades, and the Manjappai Kiosk. The stalls featured engaging videos, models, and interactive elements, raising awareness on marine conservation, plastic waste reduction, and sustainable practices. The Hon'ble Chief Minister visited the stalls, highlighting the importance of these initiatives. These exhibits fostered public engagement and supported TNPCB's mission for a sustainable future.

Launching 50 e-autos for Women's Self Help Groups

Recognizing the importance of women's role in tackling climate change, the Hon'ble Chief Minister has launched 50 e-autos on 08.03.2025. This innovative program engages Self-Help Group (SHG) members in climate literacy and sustainable practices, while providing them with 50 e-autos to enhance their income. The e-autos, equipped with recorded messages, posters, and leaflets, serve as mobile platforms for promoting eco-friendly alternatives. This initiative symbolizes the wheel's of change,' driving climate action while empowering women with sustainable livelihoods.

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E-auto launch by Deputy Chief Minister on 13.03.2025

The Tamil Nadu Government's Climate Warriors initiative is transforming both the environment and women's livelihoods. This innovative program engages Self-Help Group (SHG) members in climate literacy and sustainable practices, while providing them with 100 e-autos to enhance their income. The e-autos, equipped with recorded messages, posters, and leaflets, serve as mobile platforms for promoting eco-friendly alternatives. The first 50 e-autos were launched by the Hon'ble Chief Minister on 08.03.2025 (Women's Day), with the next 50 flagged off by the Deputy Chief Minister on 13.03.2025. This initiative symbolizes the 'wheels of change,' driving climate action while empowering women with sustainable livelihoods.

Massive Plastic Collection Drive 2025

Massive Plastic Collection Drive 2025 Launched on 25.01.2025 under the Meendum Manjappai Campaign is a year-long initiative to tackle plastic pollution across Tamil Nadu. The drive will continue on the fourth Saturday of every month throughout the year 2025 across all urban local bodies, town panchayats and village blocks ensuring consistent citizen and stakeholder engagement in tackling plastic pollution. The Recyclable plastics are sent for recycling, while non-recyclable waste is co-processed in the cement industries. The initiative engages citizens, students, local bodies, NGOs, and volunteers to encourage community participation and sustainable waste management

Digital Initiatives

1. Meendum Manjappai Website

TNPCB has launched the Meendum Manjappai Website to provide the visitors with all the updates about news and events conducted regarding the ban on SUPs. It would also have a repository of all the essential documents and will provide an overview of the plastic ban and the Meendum Manjappai campaign.

The Meendum Manjappai website was launched on 06.06.2023 by the Hon'ble Minister for Environment and Climate Change, as a part of World Environment Day 2023 celebrations and has attracted more than 34000+ viewers as of now.

2. Mobile Application

The TNPCB has launched the Meendum Manjappai mobile application to provide a robust ecosystem of Eco alternatives to SUPs. The app will help in facilitating the users about the details of manufacturers of alternatives to SUPs and locations of Manjappai Vending Machines. The app also features a Chat bot which would answer the questions of the users and help them in locating the details needed by them.

The Meendum Manjappai mobile app was launched on 06.06.2023 by the Hon'ble Minister for Environment and Climate Change, and it is available in Android and iOS platforms.

Manjappai Beach Kiosks

The Government of Tamil Nadu has been actively undertaking a number of awareness creation initiatives as a part of the Meendum Manjappai campaign. There are number of innovative measures undertaken, one such initiative is the setting up of a 'Meendum Manjappai Kiosk' in the beaches. These kiosks are set up for creating awareness among the visitors to the beach regarding the impact of inappropriate disposal and use of banned SUPs and regarding the use of eco-alternatives to SUPs.

So far, the kiosks are set up at Besant Nagar and Neelankarai Beaches in Chennai. Used shipping containers of 20 ft length are modified and made as kiosks for monitoring litter in the beaches. The containers are modified to accommodate and provide access to the Manjappai Vending Machines inside the kiosk. Over 1500 Manjappais have been distributed through the MVMs at the kiosks since installation of MVMs at Kiosk (April 2024 to March 2025).

The kiosk also has a display of eco-alternatives to SUPs and a directory with the details of eco-alternative manufacturers across Tamil Nadu. The kiosk has witnessed 7500+ visitors and school children from schools have visited to undertake beach cleanups or other awareness building sessions at the Kiosk.

Manjappai Brigade

Awareness generation is an important part of the Meendum Manjappai campaign. Government of Tamil Nadu is actively undertaking initiatives to spread

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awareness among the public and monitor the adoption of the ban against usage of Single Use Plastics (SUP) ban.

The Green Brigade in Chennai, launched in November 2023, utilized electric mobility for intensive urban outreach in high-footfall areas like markets and transport hubs. Concurrently, the Blue Brigade, inaugurated in August 2024, meticulously focused on Chennai's coastal regions, combating marine litter and instilling responsible behavior among beach visitors. Adding to this formidable force, the Green Brigades deployed in the eco-sensitive hill regions of Ooty, Coimbatore, and Kodaikanal since September 2024, have been crucial in protecting these pristine environments by engaging tourists, residents, and local businesses. Each of these brigades, while tailored to their specific geographical and demographic contexts, consistently upholds the common mandate of direct public engagement, promoting eco-friendly alternatives, and supporting enforcement.

Between April 2024 and March 2025, the SUP-Free Brigades intensified their efforts under the Meendum Manjappai Campaign, marking a period of significant growth and expanded impact across diverse regions. During this twelve-month span, the brigades collectively conducted an impressive 390 roadshows, reaching a total of 36,973 awareness touchpoints. These dedicated activities enabled direct interaction with 509,023 people, effectively disseminating awareness on SUP ban and promoting eco-friendly alternatives by distributing 112,142 awareness materials were distributed across all operational areas.

Launch of Blue Brigade to Promote Eco-Friendly Awareness at Marina Beach

On 28.08.2024, during the first-year anniversary of the Tamil Nadu Chief Minister's Green Fellowship Programme & Meendum Manjappai Award Ceremony, the Hon'ble Minister for Environment and Climate Change, Government of Tamil Nadu, launched the Blue Brigade for Marina Beach. In addition to this, the Minister also distributed the Manjappai Awards and Green Champion Awards.

As part of this initiative, a fleet of 15 electric bikes, operated by trained members of the Blue Brigade, was introduced to raise awareness and encourage behavioral change among the public in coastal areas. Since its launch, the Blue Brigade has interacted with more than 21000+ individuals in 12200+ locations and distributed more than 13000+ informational pamphlets to promote awareness and

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encourage eco-friendly alternatives and 55 Roadshows conducted from August 2024 to March 2025.

Launch of Green Brigades at Coimbatore, Nilgiris, and Kodaikanal

To address plastic pollution and encourage the adoption of sustainable alternatives, the TNPCB launched the Green Brigade initiative, featuring 18 electric bikes across three districts such as Coimbatore, Nilgiris (Ooty) and Dindigul (Kodaikanal).

The initiative was officially inaugurated on the following dates: in Coimbatore on 06.08.2024, by the Hon'ble Housing Minister and the District Collector; in Pudumund on 07.08.2024, by the District Collector of The Nilgiris; and in Kodaikanal on 08.08.2024, by the Chairman, in presence of Vice Chairman, ACF, BDO, and the Kodaikanal Municipal Commissioner.

Since its launch, the Green Brigade has interacted with more than 405439 individuals and distributing more than 57467 informational pamphlets in 12813 locations to promote awareness and encourage eco-friendly alternatives as of 31.03.2025.

Tamil Nadu Fishnet Initiative

During the 2023-24 budget session, the Hon'ble Minister for E,CCF, GoTN announced a unique and novel initiative namely "TN Fishnet Initiative (TNFI)" stating that discarded fishing nets cause marine pollution and affect marine life at a cost of One crore. As a First step, the Hon'ble Chief Minister of Tamil Nadu inaugurated the first Discarded Fishnet Collection Center at Kasimedu in Chennai on 14th August 2024.

Training and awareness sessions are being conducted for fishermen to encourage proper handling and disposal of discarded fishnets. Fishermen will be getting Rs. 40-46 (including an incentive of Rs. 4-6) for each kg of discarded fishnet collected. As of 31.03.2025, about 13,510 kg of discarded fishnets have been collected. Out of which, 10,710 kg has been sent to a recycling facility based in Sivagangai District.

Norway - India Laboratory and Field Training Program on Microplastics

From 21.09.2024 to 26.09.2024, the Norwegian Institute for Water Research (NIVA) in Oslo hosted an impactful training program on microplastics as part of the India-Norway Cooperation Project (INOPOL). This initiative, aimed at addressing plastic and chemical pollution in India, focuses particularly on Tamil Nadu and Uttarakhand.

Held in Norway, the program included comprehensive sessions on microplastics, covering laboratory techniques, field sampling at the Alna River, and project presentations on pollution monitoring. Participants received hands-on training in advanced analytical methods such as Pyrolysis Gas Chromatography and Fourier Transform Infrared Spectroscopy.

Among the attendees Dr. S. Chandrasekaran, Environmental Engineer and Mr. S. Sathiyamoorthy, Environmental Scientist, PWM were from the TNPCB, who gained valuable insights and expertise in combating plastic pollution.

TNPCB Engages with Plastic Odyssey to Explore Innovative Solutions for Plastic Pollution

Plastic Odyssey is a 40-meter expedition vessel dedicated to combating plastic pollution by fostering a global network of entrepreneurs and innovators. Equipped with a laboratory, the vessel aims to share knowledge and raise awareness of environmental issues. India marks their 33rd stop after two years of global expeditions. TNPCB Engages with Plastic Odyssey to Explore Innovative Solutions for Plastic Pollution.

On 12.03.2025, a TNPCB delegation visited the Plastic Odyssey during its docking at Chennai Port Trust. The visit focused on observing innovative recycling technologies, exploring global eco-friendly alternatives, and engaging in knowledge-sharing with the crew to enhance global cooperation against plastic pollution.

The Plastic Odyssey crew demonstrated several practical recycling and waste-to-resource technologies, including a shredding and extrusion system processing 60 kg of plastic per hour and a micro-recycling plant producing items like pavement blocks. The ship also features a pyrolysis unit that converts plastic waste into 30–40 liters of fuel per hour.

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During the visit, TNPCB officials discussed challenges in plastic waste management, shared insights from the Meendum Manjappai campaign, and emphasized the need for community-based and globally connected approaches to reduce plastic pollution.

TNPCB Officials Visit ITC Packaging and Printing Division in Tiruvottiyur, Chennai

The officials from TNPCB visited the ITC Packaging and Printing Division in Tiruvottiyur on February 15, 2025, to gain insights into the production processes of plastic packaging, specifically category II (flexible plastic) and category III (multilayer plastic) packaging, in accordance with EPR guidelines. The team engaged in discussions with the production head of ITC and other technical staff. The ITC team walked through the complete manufacturing and printing processes, displaying samples of plastic and paper-based packaging materials.

It was highlighted that only PE and PP plastic films are produced at this unit, while multilayer plastic (MLP) is largely imported. Details were shared on the composition of MLP, typically consisting of three layers - BOPP (outer), MET PET (middle barrier), and PE (inner sealant), used for packaging products like snacks and condiments. The team also explained the TNPCB Officials Visit ITC Division to Enhance Understanding of Sustainable Packaging Production Processes functionality and temperature resistance of different films (e.g., PET up to 240°C, PP up to 180°C, PE up to 120°C). The visit offered a technical overview of packaging materials, supporting better understanding of EPR classification, recyclability, and packaging sustainability.

State Level Special Task Force (STF)

The Government vide G.O. Ms. No.25 ECC&F Department dated 07.02.2022 have constituted a State level Special Task Force (STF), under the Chairmanship of Chief Secretary, District Level Task Force under the Chairmanship of District Collector and under the Chairmanship of the Commissioner for Greater Chennai Corporation area for monitoring the Implementation of Single Use Plastic (SUP) ban.

The STF meetings were held on 05.03.2022, 02.03.2023, 22.02.2024 and 09.06.2025. All the nodal Departments have been addressed to implement the action points and make the initiatives for massive success in the State of Tamil Nadu.

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Formation of Project Management Unit for Plastic Waste

As per Board proc. No. 83 dated 26.10.2023, a Project Management Unit was formed with Technical Consultant on temporary basis to implement the Single Use Plastic (SUP) ban in Tamil Nadu.

5.4.5 Hazardous Waste Management

The MoEF&CC, GoI has notified the Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016. As per the rules, the hazardous waste generator shall follow the steps namely prevention, minimization, reuse, recycling, recovery, utilization including co-processing and safe disposal of hazardous waste. SPCB shall grant authorization for handling hazardous waste. The TNPC Board is taking effective steps in handling, management, treatment and disposal of hazardous waste in an environmentally safe manner.

The Board has identified and issued authorization to 5259 number of hazardous wastes generating industries, as of 31.03.2025. District wise details of Hazardous Waste generation, recycle, utilization and disposal during 2024-25 are as follows:

S. No	District	No.of Author ized Units	Qty.of Hazardous Waste generated as per Annual Return (MT)				Total quantity (Metric Tonne)
			Land-fill	Inci- nerable	Re- cyclable	Uti- lizable	
1	Ariyalur	15	0	0	40.83	1.23	42.06
2	Chengalpattu	336	8008.61	3676.79	4835.31	594.92	17115.63
3	Chennai	556	11270.70	4109.41	10659.86	6765.36	32805.33
4	Coimbatore	431	10574	3998	7149	29522	51243
5	Cuddalore	49	12335	304	3343	4845	20826.83
6	Dharmapuri	25	0.00	1.875	34.449	0.000	36.324
7	Dindigul	69	579.48	383.79	3008.21	82.23	4053.75
8	Erode	461	5197	0	74	26094	31365
9	Kallakurichi	0	0	0	0	0	0
10	Kancheepuram	482	31194.32	2598.44	8648.75	11293.46	53734.97
11	Kanyakumari	30	15.56	0.60	68.90	0.00	85.06
12	Karur	137	1514	2	112360	168560	282436.3
13	Krishnagiri	221	4700.82	478.52	256398.74	21362.52	282940.6
14	Madurai	115	10.415	0	245.11	364.396	619.921

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S. No	District	No.of Author ized Units	Qty.of Hazardous Waste generated as per Annual Return (MT)				Total quantity (Metric Tonne)
			Land-fill	Inci- nerable	Re- cyclable	Uti- lizable	
15	Mayiladuthurai	12	0.00	30.96	20.61	0	51.57
16	Nagapattinam	11	45.00	0	11.84	0	56.84
17	Namakkal	129	17.6	0	11451.4402	0	11469.0402
18	Nilgiris	19	0	15.35	25.171	98.567	139.088
19	Perambalur	8	0	1139.544	690.986	59.332	1889.862
20	Pudukkottai	54	208.847	26.770	613.289	1553.810	2402.716
21	Ramanathapuram	18	0.00	0.206	27.067	0.00	27.273
22	Ranipet	235	6977.21	517.08	15808.55	25577.03	48879.8766
23	Salem	121	4821.31	1732.71	364.81	3493.88	10412.71
24	Sivagangai	26	38.733	0.597	5.4854	10.7	55.5154
25	Tenkasi	8	0	0	40.96	455.6	496.56
26	Thanjavur	29	91.06	0	33.24	11.85	136.15
27	Theni	29	439.774	3.5	23.855	2.64	469.769
28	Thoothukudi	35	2285.80	1.61	1238.27	25.64	3551.3175
29	Tiruchirapalli	77	3193.07	51.09	677.29	145.22	4066.67
30	Tirunelveli	41	130.580	42.520	3251.910	9971.9358	13396.9458
31	Tirupathur	220	6818.41	0.21	3571.61	2104.91	12495.14
32	Tiruppur	616	65	8027	11565	18528	38186
33	Tiruvallur	372	12080	9384	147349	3000	171813
34	Tiruvannamalai	39	37.3350	56.9010	307.9365	763.8700	1166.0425
35	Tiruvarur	12	0.00	3.080	11.06	0.00	14.1375
36	Vellore	71	393.75	0.26	12574.26	682.49	13650.76
37	Villupuram	90	587	20	768.88	2113.24	3489.12
38	Virudhunagar	60	887.40	6.76	2234.30	1598.10	4726.56
	Total	5259	124518.98	36613.46	619533.19	339682.15	1120347.79

During the period 2024-25, about 11.20 lakhs tons of hazardous waste is generated in which 1.24 lakhs tons is landfillable, 3.6 lakhs tons is incinerable, 6.19 lakhs tons is recyclable, and 3.39 lakhs tons is utilizable.

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Hazardous Waste Recycling

The Board encourages recycling of hazardous wastes as listed in Schedule-IV of HOWM Rules, 2016 adopting Environmentally Sound Technologies & following guidelines issued by CPCB.TNPCB issues passbook along with the authorization to units recycling hazardous wastes and actual users of other wastes for maintaining records of hazardous and other wastes purchased.

Details of hazardous wastes recycled with quantity during 2024-2025

Sl. No	HW recycle as per Schedule-IV	No of Facilities authorized for HW recycling	Authorized Capacity (MTA)	Quantity Recycled during 2024-2025(MT)	
				Imported	Other than imported
1	Brass Dross	2	1120.000	0.000	64.685
2	Zinc Bearing Wastes	10	9482	173.59	559.32
3	Copper Bearing Waste	8	149110	2264.9	7350.32
4	Spent catalyst containing nickel, cadmium, Zinc, copper, arsenic, vanadium and cobalt	1	12000	0	2806.76
5	Lead bearing waste including battery waste	16	431172	163613.2	84198.827
6	E waste	2	1385.16	0	0.17
7	Paint and ink Sludge/residues	2	2800	0.000	125
8	Used oil	39	150538.55	0.000	12831.63
9	Waste Oil	16	43540.99	0.000	1133.087
	TOTAL	96	801148.7	166051.69	109069.799

As of 31.03.2025, the Board has authorized 96 numbers of HW Recyclers for recycling.

Hazardous Waste Utilization

The utilization of hazardous and other wastes as a resource or after pre-processing either for co-processing or any other use in accordance with Standard Operating Procedures (SOPs) or Guidelines issued by CPCB is specified under provision of Rule (9) of HOWM Rules, 2016. The Board has authorized utilization of four HW categories under Schedule-1 namely (1) spent solvent, (2) spent acid, (3) Process residue and (4) de contamination (washing) of drums, containers, based on SOPs issued by CPCB. Permission has also been granted for captive utilization of ferrous and non-ferrous metal scraps, and waste paper etc.

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Details of hazardous waste utilized with quantity during 2024-2025

Sl. No	Hazardous & Other Wastes Utilization	No of Facilities authorized for HW utilization	Authorized Capacity (MTA)	Quantity Utilized (MT)	
				Imported quantity	Other than imported quantity
	Utilization of Hazardous Waste				
1	Recovery of solvents from spent solvents	10	24598	0	3817.566
2	Utilization of Spent acid	0	0	0	0
3	De-contamination of contaminated drums / containers / barrels	18	59475.328	0	12764
4	Process residue	1	0	0	406
	TOTAL	30	76073.328	0	16987.566
	Utilization of Other Wastes				
1	Iron and Steel scrap recyclers	56	3389551.665	432165.0049	1033309.696
2	Zinc Scrap	4	16286	6452.17446	613.13954
3	Copper Scrap	8	13834	91.186	927.784
4	Lead scrap	4	1384	118	531.346
5	Aluminium scrap	33	130880.78	19488.983	25077.719
6	Waste Paper	42	1129850.555	144055.0016	344436.5655
7	Tin Scrap	1	120	0	0
8	Nickel Scrap	1	120	0	0
9	Waste Tyre	3	109300	31665.65	54865.03
	Total	151	4791327	634036	1459761.28

Preprocessing and Utilization of Hazardous Wastes

The utilization of hazardous waste by co-processing in cement plant is considered as environmentally sustainable option because there is a dual benefit in terms of utilizing the waste as supplementary fuel as well as alternative raw material. CPCB has issued guidelines during July, 2017 for Pre-processing and Co-processing of hazardous and other wastes in cement plant. Based on the guidelines, the Board has permitted the use of hazardous and other wastes in cement kilns either as raw material for co-processing or as fuel for energy recovery subject to the compliance criteria specified. Authorization under HOWM Rules, 2016 has been granted to 15 cement industries to process 1943165 TPA of utilizable wastes in cement kilns for co-processing.

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Details of Cement Industries authorized for Co-processing

Sl. No	Name & Address of the Cement Industry	Permitted Quantity (MTA)
1.	Chettinad Cement Corporation Ltd Cement Plant, Ariyalur	106300
2.	Tamil Nadu Cements Corporation Ltd, Ariyalur	12000
3.	Ultra Tech Cement Ltd Cement Reddipalayam, Ariyalur	400000
4.	Dalmia Cement Bharat Limited Palanganatham, Ariyalur	449560
5.	Dalmia Cement B Ltd Cement Plant Thamaraikulam, Ariyalur	41200
6.	The Ramco Cements Ltd Cement Plant Govindapuram, Ariyalur	281760
7.	The Ramco Cements Ltd, Alathiyur, Ariyalur	50000
8.	India Cements Limited, Ariyalur	6800
9.	M/s Chettinad Cements Corporation Pvt Ltd, Puliyur village, Karur Taluk, Karur District	50000
10.	M/s Tamil Nadu Newsprint and Papers Cement Plant Ltd, Kagithapuram, Pugalur Taluk, Karur	330000
11.	M/s. The India Cements Limited (Sankari works), Kumarapalayam Taluk, Namakkal	60895
12.	M/s. The India Cements Limited, Sankar Nagar, Madurai Road, Tirunelveli District - 627 357.	30900
13.	M/s. Chettinadu Cement Corporation Ltd., -Cement Plant – Dindigul District	95000
14.	Ramco Cement Limited, Virudhunagar District	25150
15.	M/s. Dhandapani Cements, Thathamangalam Village, Mannachanallur Taluk, Trichy	3600

To encourage co-processing of hazardous wastes in cement kilns for beneficial purposes, 10 HW Pre-processing facilities have been authorized for pre-processing of hazardous and other wastes so as to make a homogenized mixture of materials suitable for co-processing in the cement kilns for direct use either as raw material substitution or fuel supplementary. These facilities have pre-processed **97576.443** tons of hazardous & other wastes during 2024-25 & sent for co-processing in cement industries.

Common Hazardous Waste Disposal Facilities

There are three common Hazardous Waste Treatment Storage and Disposal Facilities (HW-TSDFs) in operation, one at Gummidipoondi in Tiruvallur District, one in Krishnagiri District and another at Unduorumikidakulam in Virudhunagar District

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for scientific disposal of hazardous waste in safe manner. The list of common HW-TSDF is given as follows

List of Common TSDF in Tamil Nadu

Name and address of the facility	Facility Type	Capacity (MT)	Disposal during 2024-2025 (MT)
M/s. Re-Sustainability IWM Solutions Pvt Ltd, Gummidipoondi, Tiruvallur	Landfill	3 Lakh	1.20 lakh
	Incineration	0.12 Lakh	0.079 lakh
	Pre-processing	0.50Lakh	Nil
M/s. Re-Sustainability IWM Solutions Pvt Ltd, Krishnagiri	Landfill	90000	0.172lakh
	Pre-processing	29880	4283.15
M/s. Re-Sustainability IWM Solutions Pvt Ltd, Unduorumikidakulam village, Tiruchuli Taluk, Virudhunagar	Landfill	2.4 lakh	Nil
	Pre-processing	0.1lakh	Nil

Online Facility for Hazardous Waste Management

The Board has launched online module for filing of application and processing for grant of Authorization under HOWM Rules, 2016 on 01.03.2016. Industries shall apply for Authorization under HOWM Rules, 2016 online, can track the status of the application, furnish additional details and download authorization online after approval. As of 31.03.2025, 5259 industries have been granted Authorization under HOWM Rules, 2016.

Every year, industries/facilities covered under HOWM Rules, 2016 shall submit Annual Returns in FORM-4 to TNPCB on or before 30th day of June. The Board has developed online facility in OCMMS for submission of Annual Returns every year.

Tannery - IETPs and CETPs ZLD plants mixed salt

In Tamil Nadu, about 1,27,773.674 Metric Tons of mixed salts generated from Zero Liquid Discharge (ZLD) treatment system of Tannery units are stored in the premises of the industries/ CETPs inside closed sheds.

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- The Central Salt & Marine Chemicals Research Institute (CSMCRI) in Bhavnagar, Gujarat, has developed a system to purify this mixed salt to be used in various industries, such as Chlor Alkali, soda ash, textiles, and pulp and paper.
- M/s. Tuticorin Alkali Chemicals and Fertilizers Limited, Thoothukudi has agreed to use the treated salt as a raw material in their manufacturing process.
- The AISHTMA has been directed to expedite the installation of a pilot plant for this process.
- The Standard Operating Procedure (SOP) for utilizing the purified salt is yet to be released by the Central Pollution Control Board (CPCB).
- The CETP M/s. Ranipet Effluent Treatment Company has submitted a revised DPR to the Central Government for the upgradation process including a salt purification plant. The implementation of salt purification technology will be a solution to a long-term problem in the tannery sector.

Textile dyeing units – IETPs and CETPs ZLD plants mixed salt

In Tamil Nadu, about 207605.053 T of mixed salts generated from the Zero Liquid Discharge (ZLD) system of Textile processing units are stored in closed sheds with impervious floor of the premises of the IETPs and CETPs.

Based on the Standard Operating Procedure (SOP) issued by the CPCB, a treatment and disposal facility at Ramanathapuram District is functioning for further processing of mixed salts by mixing residual mixed salt with sea water by adding coagulating chemicals like lime, polyelectrolyte to get supernatant liquid and sent to nanofiltration followed by salt pan for natural evaporation and crystallization. The permeate forms NaCl as Grade I salt and rejects forms Na₂SO₄ with Ca & Mg as Grade II salt and obtained Consent to Operate of the Board valid for a period upto 31.03.2028. So far, 18707.465 T of mixed salt has been received from the Textile units by this facility for further processing.

5.4.6 Bio-Medical Waste Management

The MoEF&CC, GoI has notified the Bio-Medical Waste Management Rules, 2016 as amended. As per the Rules, the bio-medical waste generator and the operator of the Common Bio-Medical Waste Treatment and Disposal Facility (CBMWTF) are responsible for safe handling and disposal of the bio-medical wastes.

The State Pollution Control Board shall issue authorization to the Health Care Facilities (HCFs) and CBMWTFs and monitor the compliance of various provisions of the Rules. The Board has issued authorization to 30,934 (as on 31.12.2024) Private and Government HCFs including bedded hospitals, nursing homes, clinics, dispensaries, veterinary institutions, pathological labs, blood banks, research institutions etc. after ensuring that they have executed agreement with the CBMWTFs for the collection, transportation, treatment and scientific disposal of the biomedical wastes.

The CBMWTFs consist of incinerator, autoclave, shredder and sharp pits for the treatment and disposal of biomedical wastes received from the HCFs. In Tamil Nadu, as on 31.03.2025, 14 CBMWTFs are present, out of which 11 facilities are in operation. Remaining 3 facilities at Ooty, Ramanathapuram and Virudhunagar are not under operation. The biomedical wastes generated from the HCFs attached to these three facilities are sent to other CBMWTFs for further treatment and disposal.

In addition, Consent to Establish has been issued vide proceedings dated: 05.12.2024 to two facilities viz. M/s. Medicare Environmental Management Private Limited, Plot No.C-6, SIPCOT Industrial Park, Seikalathur Village, Manamadurai Taluk, Sivagangai District and M/s. S Growth Alliances LLP, S.F Nos 58/1, 58/2, 59/1A(pt) & 59/1B(Pt), Melpakkam Village, Uthiramerur Taluk, Kanchipuram District.

As per the biomedical waste annual report 2024 submitted to the CPCB, 60.72 Tons/day of bio-medical wastes are treated by the facilities on an average in the State of Tamil Nadu.

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District wise daily average generation of bio-medical wastes for the calender year 2024 is as follows: -

S.No.	Name of the District	Bio-medical Waste Generation (in kg/day)
1	Ariyalur	270
2	Perambalur	444
3	Pudukkottai	399
4	Thanjavur	832
5	Trichy	1209
6	Sivagangai	493
7	Ramanathapuram	228.34
8	Thiruvavarur	317
9 & 10	Nagapattinam& Mayiladuthurai	634
11	Madurai	1766
12	Dindigul	729
13	Virudhunagar	674
14	Theni	519
15	Salem	765
16	Namakkal	610
17	Karur	485
18	Erode	926
19	Dharmapuri	625.53
20	Krishnagiri	1473.69
21	Cuddalore	1109
22& 23	Villupuram & Kallakurichi	908.005
24	Coimbatore	10542.9
25	Tiruppur	1644.786
26	Nilgiris	274.4
27	Kanyakumari	1840
28	Tenkasi	574
29	Tirunelveli	1141
30	Thoothukudi	835
31	Chengalpattu	3964
32	Kancheepuram	1125.09
33	Chennai	16305.69
34	Thiruvallur	784.73
35	Vellore	3511
36	Tirupathur	257
37	Tiruvannamalai	559.643
38	Ranipet	1910

V.ACTIVITIES OF THE BOARD

List of CBMWTFs in Tamil Nadu are as follows:-

S.No.	Name & Address of the CBMWTFs	Areas Covered
Under Operation		
1	M/s. G. J. Multiclave (India) Pvt Ltd, Thenmelpakkam, Chengalpattu Taluk & District.	Parts of Kancheepuram, Tiruvallur, Chennai and Chengalpattu Districts
2	M/s. Re Sustainability IWM Solutions Limited., Maduranthakam Taluk, Chengalpattu District.	Chennai (North), Part of Kancheepuram, Tiruvallur, Chengalpattu and Cuddalore Districts
3	M/s. Medicare Enviro Systems, Sengipatti, Thanjavur Taluk, Thanjavur District.	Thanjavur, Thiruvarur, Trichy, Nagapattinam, Pudukottai, Sivagangai, Mayiladuthurai, Ariyalur Districts
4	M/s. Ken Bio Links Private Ltd., Katpadi Taluk, Vellore District.	Vellore & Tiruvannamalai Districts
5	M/s. Re-sustainability Healthcare Solutions Limited, Salem District.	Salem, Namakkal, Erode & Karur Districts
6	M/s. Teknotherm Industries, Orattukuppai, Coimbatore District.	Parts of Coimbatore, Nilgiris & Tiruppur Districts.
7	M/s. Aseptic System Bio Medical Waste Management Co., Tirunelveli District	Tirunelveli, Thoothukudi & Kanyakumari Districts
8	M/s. Re Sustainability IWM Solutions Limited, Unit 3, Balethottam village, Pochampalli Taluk and Krishnagiri District	Dharmapuri & Krishnagiri
9	M/s. Re Sustainability IWM Solutions Limited, BMW Division, Pappankuppam Village, Gummidipoondi Taluk, Tiruvallur District.	Part of Chennai and Tiruvallur districts
10	M/s. Kovai Biowaste Management (P) Ltd., Coimbatore	Parts of Coimbatore, Nilgiris & Tiruppur Districts
11	M/s. Pondicherry Solid Waste Management Company Private Limited, T. Pudaiyur village, Virudhachalam Taluk, Cuddalore District	Part of Cuddalore, Villupuram, Perambalur, Ariyalur, Kallakurichi Districts.
Not under Operation		
1	M/s. Society for Bio Medical Waste Management Ottupattarai Village, Coonoor	Nilgiris District (Collection only). Treatment and disposal in the CBMWTF at Coimbatore.
2	M/s. Neat and Clean Service Squad, Muthuvayal, Ramanathapuram District	Ramanathapuram District (collection only). Treatment and disposal in the CBMWTF at Thanjavur.

V.ACTIVITIES OF THE BOARD

S.No.	Name & Address of the CBMWTFs	Areas Covered
3	M/s. Re-sustainability Health Care Solutions Limited, Virudhunagar District.	Madurai, Virudhunagar, Dindigul, Theni & Ramanathapuram (Collection only). Treatment and disposal in the CBMWTFs at Salem and Tiruvallur.

5.4.7 E-Waste Management:

The MoEF&CC, GoI has notified the E-Waste (Management) Rules, 2022, as amended under the Environment (Protection) Act, 1986. The above rule came into force on 01.04.2023. The rule aims to manage e-waste in an environmentally sound manner and establish an improved Extended Producer Responsibility (EPR) regime for e-waste recycling.

Extended Producer Responsibility (EPR) of producers are regulated through grant of Registration Certificate and issue Recycling Targets/EPR obligation. Under these rules, all producers, manufacturers, refurbishers, and recyclers are required to register on the Online EPR portal developed by CPCB after obtaining Consent and Hazardous Waste Authorization from the concerned State Boards and file annual and quarterly returns through the CPCB E-Waste EPR portal. (<https://eprewastecpcb.in>). The producer shall fulfill their extended producer responsibility through online purchase of extended producer responsibility certificate from registered recyclers only and have to submit it online by filling quarterly return.

EPR registration will be issued by CPCB and further monitoring of the registered entities and periodical audit process is carried out by the TNPCB as per the CPCB guidelines.

As per the E-Waste Management Rules, 2022 as amended, In Tamil Nadu 14 E-waste Recyclers and 898 Producers of Electric and Electronic Equipments (EEE) have registered with the CPCB in the financial year of 2024-2025.

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As per the annual report submitted by the industries, in Tamil Nadu in the financial year of 2024-2025.

S.No	Type	Quantity
1	Quantity of e-waste collected/processed is approx.	29224.67 Tonnes
2	Quantity of materials recovered from e-waste is approx.	22943.54 Tonnes

Details are available in TNPCB website (<https://tnpcb.gov.in>) and CPCB website (www.cpcb.nic.in), <https://eprewaste.cpcb.gov.in>

5.4.8 Battery Waste Management

The MoEF&CC, GoI has notified the Battery Waste (Management) Rules, 2022, as amended under the Environment (Protection) Act, 1986.

The above rules shall apply to producers (manufacture & importer), dealers, consumers, and entities involved in the collection, segregation, transportation, and recycling of waste batteries. The above rules applicable to waste battery includes used, end of life battery and/or its components spares or parts or consumables which may or may not be hazardous in nature. Also includes pre-consumer off-spec battery, expired battery and battery discarded by the user.

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CHAPTER-VI

ENVIRONMENTAL QUALITY MONITORING PROGRAMMES

6.1 Air Quality Monitoring

Air pollution is caused mainly by transportation, fuel combustion in stationary sources, burning of fossil fuels like coal, wood and construction activities. Motor vehicles produce high levels of carbon monoxide (CO), hydrocarbons (HC) and nitrogen oxides (NO_x). Construction activities, bad roads and burning fossil fuels are responsible for dust (particulate matter) pollution. Residential and commercial activities also contribute to air pollution. These pollutants adversely affect human respiratory and cardiovascular system. Under the provisions of the Air (Prevention and Control of Pollution) Act, 1981, the Government of Tamil Nadu has declared the entire state as air pollution control areas vide G.O. Ms. No.4 Environment Control Department, dated 28.09.1983.

6.1.1 Ambient Air Quality Monitoring in Chennai

The Board is operating eight ambient air quality monitoring stations in Chennai under National Air Quality Monitoring Programme (NAMP) funded by the CPCB. The eight ambient air quality monitoring stations in Chennai are given below.

National Air Quality Monitoring Programme (NAMP) – Chennai		
Sl. No.	Station location	Land use zone / area
1	Adyar	Residential
2	Anna Nagar	Residential
3	Kilpauk	Commercial
4	Kathivakkam	Industrial
5	Manali	Industrial
6	Nungambakkam	Commercial
7	Thiruvottiyur	Industrial
8	T.Nagar	Commercial

All the above stations are functioning on 24 hours basis, twice a week. The samples collected from NAMP stations are analysed for the PM₁₀ (particulate matter less than 10 microns), PM_{2.5} (particulate matter less than 2.5 microns) and gaseous pollutants such as Sulphur dioxide (SO₂) and Nitrogen oxides (NO_x). The annual average values recorded from 01.04.2024 to 31.03.2025 reveals that the parameters

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viz., PM₁₀, PM_{2.5}, SO₂ and NO_x were well within the standards (Annexure VI A). The air quality data and the Air Quality Index (AQI) bulletin are uploaded in the TNPCB website regularly.

6.1.2 Ambient Air Quality Monitoring in Other Cities and Major Towns

Under the NAMP, the TNPCB also monitors the ambient air quality in other major cities and towns and industrial clusters in Tamil Nadu. The AAQ stations (44 Nos.) are as given below.

National Air Quality Monitoring Programme (NAMP)- Other Cities & Major Towns		
Sl. No.	Station location	Land use zone
	Thoothukudi (Since 1988)	
1	NTPL Quarters (Raja agencies operated till February 2022 <i>shifted</i> to NTPL Township Housing Colony)	Residential
2	SIPCOT	Industrial
3	A.V.M. Jewellers	Commercial
	Coimbatore (Since 1991)	
4	District Collector's Office	Commercial
5	Kavundampalayam	Residential
6	SIDCO Building	Industrial
	Salem (Since 1996)	
7	Siva Tower	Commercial
	Madurai (Since 1996)	
8	PichaipillaiChavadi	Industrial
9	Birla Guest House	Commercial
10	Hotel Tamil Nadu	Residential
	Trichy (Since 1997)	
11	Gandhi Park, Thennur	Residential
12	Main Guard Gate	Traffic intersection
13	Bishop Heber College	Sensitive
14	Golden Rock	Residential
15	Trichy Corporation Annex Building	Traffic intersection
	Cuddalore (Since 2013)	
16	Echangadu Village	Residential
17	Imperial Road	Commercial
18	SIPCOT	Industrial
	Mettur (Since 2013)	
19	Raman Nagar	Residential
20	SIDCO	Industrial
	Tiruvannamalai	

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National Air Quality Monitoring Programme (NAMP)- Other Cities & Major Towns		
Sl. No.	Station location	Land use zone
21	O/o. DEE, TNPCB	Residential
22	O/o. Municipal Commissioner	Commercial
23	O/o. Joint Director, Animal Husbandry Dept	Commercial
	Sivagangai	
24	O/o. DEE, TNPCB.	Commercial
25	SIDCO Industrial Estate	Industrial
26	Muthu Mahal Campus, Bose Road	Commercial
	Theni	
27	Raghavan Colony	Residential
28	SAR Complex, Boothipuram Road	Commercial
29	SIDCO Complex, Aandipatti	Industrial
	Tiruvarur	
30	Thiru.Vi.Ka. Govt Arts College, NPM Road	Residential
31	Govt. Medical College	Sensitive
32	New Bharath Matric Higher Secondary School	Commercial
	Villupuram	
33	O/o. DEE, Master Plan Complex, TNPCB	Commercial
34	Govt. Medical College & Hospital	Industrial
35	University College of Engineering	Residential
	Perambalur	
36	Govt. Head Quarters Hospital	Sensitive
37	M/s Aavin Parlour Building	Commercial
38	M.M. Nagar, Perambalur	Residential
	Dharmapuri	
39	House near Collector Office	Residential
40	SIDCO Industries	Industrial
41	D.N.G Building, Siddha Verrappa Chetty Street	Commercial
	Nagercoil	
42	Anna University Campus	Industrial
43	Scott Christian College	Residential
44	Aavin Parlour Building	Commercial

(Sl.No.21 – 44 NAMP Stations established since 2021)

All the above monitoring stations under NAMP function on a 24-hour basis, twice a week. The samples collected from these stations are analysed for the PM₁₀, PM_{2.5}, SO₂ and NO_x. The Ambient Air Quality (AAQ) data recorded during 2024-2025 as given in Annexure VI B indicates that the parameters PM_{2.5}, SO₂ and NO_x are well within the standards in all the stations, whereas PM₁₀ values are well within the standards in all the stations except for Thoothukudi. The exceedance of PM₁₀ at Thoothukudi is mainly due to the increase in number of vehicles, re-suspension of

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surface dust, heavy commercial and industrial activities. The annual average values of pollutants recorded at the above monitoring stations during the period 2024-2025; the Ambient Air Quality (AAQ) data and the Air Quality Index (AQI) are uploaded on the TNPCB's website. The data is also uploaded in the CPCB's portal.

Additionally, as per CPCB guidelines, TNPCB monitors Ambient Air Quality in the other Districts of Tamil Nadu by establishing 33 AAQM stations (listed below) from January 2025 onwards, covering 28 districts in the State of Tamil Nadu.

National Air Quality Monitoring Programme- Other Cities, Major Towns & Rural Area		
Sl. No.	Station location	Land use zone
	Erode	
1	SIDCO industrial estate	Industrial
2	M/s/Shree Vari Corporation Building	Commercial
3	Municipal Zone office – 2, EPB Nagar	Residential
	Mettur	
4	O/o. Commissioner, Mettur Municipality	Commercial
	Alandur	
5	M/s.GET& D India Ltd., Pallavaram	Commercial
6	M/s.HTL Ltd., Guindy	Industrial
	Cuddalore	
7	District Collectorate Building, Cuddalore	Residential
8	Municipal Commissioner Office building, Chidambaram	Commercial
	Dindigul	
9	O/o.TNPCB, Collector Office Complex	Residential
10	M/s.Urban Health & Wellness Centre	Commercial
	Kancheepuram	
11	District Collector Office, Kancheepuram	Commercial
12	Sri Venkateswara Collector of Engineering, Sriperumbudur	Sensitive
	Nagapattinam	
13	O/o. CEO, Amirtha Nagar	Residential
14	O/o. Municipal Commissioner,	Commercial
	Salem	
15	O/o. Commissioner, Municipal Corporation Office	Commercial
16	O/o.TNPCB, Thalavaipatti village	Residential
	Thanjavur	
17	Govt. Medical College Road, Thai Building	Sensitive
18	Annex building of TNPCB DEE office, SIDCO	Commercial
	Tirunelveli	
19	TNPCB Office Building, SIDCO	Industrial
20	Thiravium Hospital, NGO 'B' Colony	Commercial
	Tiruppur	
21	O/o DEE, TNPCB, Kumaran complex	Commercial
22	O/o DEE, TNPCB, Palladam	Residential

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National Air Quality Monitoring Programme- Other Cities, Major Towns & Rural Area		
Sl. No.	Station location	Land use zone
	Avadi	
23	Govt. Boys Higher Sec. School, Thirunindraur	Residential
24	HVF, Vijayantha HSS, Avadi	Industrial
	Vellore	
25	O/o.TNPCB, Gandhi Nagar	Commercial
26	Zone-II office building	Residential
	Rajapalayam	
27	Rajapalayam Mills Ltd, Fabric Division –Weaving unit	Industrial
28	Rajapalayam Municipal Corporation, T.P. Mills Road	Residential
	Rural AAQMS	
29	Asian Matriculation School, Kanimanagalam , Hosur	Sensitive
30	Ms/s.K.G.Denim Ltd., Thenthirumalai ,Mettupalayam	Residential
31	Ruckmani College of Education, Managalapuram , Tenkasi	Residential
32	Upgraded Govt. Primary Health Centre, Thiruvengadu ,Sirkali	Residential
33	Thiruvalangadu , Tiruvallur	Residential

6.1.3 Mobile Continuous Ambient Air Quality Monitoring Station

The TNPCB has commissioned one mobile continuous ambient air quality monitoring station in March 2016 to monitor the ambient air quality on real time basis. The mobile station has the facility to monitor the ambient air parameters Sulphur dioxide (SO₂), Nitrogen dioxide (NO₂), Ammonia (NH₃), Ozone (O₃), Carbon monoxide (CO), Benzene, Toluene, Ethylbenzene, Xylene (BTEX), Particulate matter less than 10 micron (PM₁₀) and Particulate matter less than 2.5 micron (PM_{2.5}). The station also has Weather Monitoring facility to measure wind direction, wind speed, ambient temperature, relative humidity, solar radiation, rainfall, barometric pressure etc. This mobile station is used to monitor the air quality in the hotspots of Chennai city and other places wherever necessary. During the period April 2024 – March 2025, totally 43 surveys were conducted in the districts of Chennai, Kancheepuram, Chengalpattu and Tiruvallur. The survey includes routine monitoring in the industrial area, survey based on public complaint / NGT cases, mock drill, awareness program, survey during Bhogi and Deepavali. The Mobile Van Survey details during the year 2024-2025 are given in Annexure-VII.

6.1.4 Environmental Monitoring during Festivals

Every year, the people of Tamil Nadu celebrate various festivals like Pongal (Bhogi), Vinayagar Chathurthi and Deepavali. While celebrating the festivals there is a possibility of environment pollution to the Water bodies and Ambient Air quality. The CPCB has developed specific guidelines for monitoring Air and Water quality during the festival celebrations. Accordingly, the TNPCB is monitoring Ambient Air quality during Pongal (Bhogi) festival, Ambient Air quality & Noise level during Deepavali in major cities, Water quality of specified Water bodies during Vinayagar Chathurthi festival. AAQ monitoring was conducted during Deepavali 2024 and the report is given in Annexure-VIII A. Awareness was created and monitoring was carried out during pre-Bhogi and Bhogi 2025 and the report is given in Annexure-VIIIB.

6.1.5 Integrated Environmental Monitoring Studio (IEMS)

India's first Integrated Environmental Monitoring studio was inaugurated by the Honorable Chief Minister of Tamil Nadu on 14.08.2024 and is functioning at the TNPCB's Corporate Office, Guindy. This is the first of its kind in the country for the online monitoring of emission letting out by the industries including Cement, Oil Refinery, Petrochemicals, Thermal Power Plants, Fertilizers, Iron & Steel. This is established as a Centre for Visual depiction on tracking of Hazardous waste, Bio Medical waste, E- wastes movements and to integrate various modules such as Online Consent Management and Monitoring System. In case, the air quality parameters exceed the prescribed standards, auto-generated SMS and e-mails are sent immediately to industry and the Regional Joint Chief Environmental Engineers and District Environmental Engineers concerned to take immediate action to correct the malfunction if any and rectify the defects. Besides, this system ensures self-monitoring and rectification by industries. As on date, 820 industrial units are connected to this center for Stack monitoring and Ambient Air quality monitoring.

TNPCB has also incorporated the Water Quality Watch Module in the Centre. Major water-polluting industries such as tanneries, distilleries, sugar factories, pharmaceuticals, pesticides, textile processing and Common Effluent Treatment Plants (CETPs) etc., are connected to this Centre. The quality of treated effluent is monitored on a real-time basis. 390 industrial units are connected to this Centre.

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6.1.6 Non-Attainment Cities

The Government of India (GoI) launched the National Clean Air Programme (NCAP) in 2019 with the aim of reducing PM₁₀ levels to 20 to 30% by 2024-25 and further extended to 2026 by reducing PM₁₀ to 40%. The Central Pollution Control Board (CPCB) has identified 130 cities as non-attainment cities under the NCAP, including Chennai, Madurai, Trichy, and Thoothukudi, which exceed the ambient air quality parameter for PM₁₀, with an annual average of 60 µg/m³. The action plan approved by the CPCB for Million Plus/non-attainment cities, including Chennai, Madurai, Trichy, and Thoothukudi, is being implemented. The GoI has released a total of Rs 535.91 Crore for Million Plus Cities under the Fifteenth Finance Commission – Ambient Air Quality Grant (XVFC-AAQ) and Rs 13.4 crore for Thoothukudi under the Control of Pollution Scheme – National Clean Air Programme (CoP-NCAP) until FY 2023-24. Mitigation measures are being implemented in thematic areas such as vehicle road dust, construction & demolition, waste and biomass - dumping and burning under the NCAP in coordination with various line departments.

6.2 Water Quality Monitoring

6.2.1 National Water Quality Monitoring Programme

The TNPCB collaborates with Central Pollution Control Board and monitors the quality of states water bodies through various programme such Global Environmental Monitoring System (GEMS), Monitoring of Indian National Aquatic Resources (MINARS), Coastal waters, and National River Conservation Programme (NRCP). In recent years, these programmes were systemized into single umbrella and have been renamed as National Water Quality Monitoring Programme (NWMP). Under this programme, water quality of major rivers and lakes are monitored. The locations under this programme are called as NWMP network. The programmes are funded by the CPCB and TNPCB on 70:30 basis.

TNPCB oversees maintains a comprehensive monitoring network comprising 158 locations, which includes:

- **Rivers:** 12 rivers (71 monitoring stations) monitored are Cauvery, Vennar, Bhavani, Amaravathi, Adyar, Cooum, Sarabanga, Vasista, Thirumanimutharu, Tamiraparani, Palar, and Vaigai

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- **Groundwater:** 22 monitoring stations (locations) are established to assess groundwater quality.
- **Lakes:** 8 lakes at Ooty, Kodaikanal, Yercaud, Veeranam, Porur, Poondi, Pulicat, and Redhills.
- **Coastal Waters:** 34 monitoring stations are deployed to evaluate coastal water quality.
- **Sewage Treatment Plants (STPs):** 16 STPs are monitored to assess effluent quality.
- **Drains and Canals:** 7 locations are monitored to assess the quality of water in drains and canals.

Samples are collected on a monthly basis at each of the 158 monitoring stations. Detailed monitoring data is as given in Annexure IX to XIII.

The monitored data is uploaded in the TNPCB web site as well as in the CPCB portal.

6.2.1.1 River Cauvery and its Tributaries

The River Cauvery is the major River in the State, which is the source of water for more than one third of the State. River Cauvery has 27 water quality monitoring stations. The monthly water quality samples are analysed in various TNPC Board's Laboratories. The water quality data of 27 sampling stations in River Cauvery and its tributaries are given in Annexure X. Generally, the water quality of River Cauvery at almost all the monitored stations falls majorly under Category A to C, which is suitable for drinking purpose after conventional treatment and disinfection, throughout the year. Except at some locations such as Coleroon, Pichavaram and Mayiladuthurai where the water quality falls under 'E' category indicating elevated pollution levels mostly due to less flow in River basin. The overall analysis of the data reveals that the contamination of surface water of the River is due to the unhygienic anthropogenic activities and disposal of either untreated or partially treated domestic waste into the River systems directly or indirectly.

6.2.1.2 River Tamiraparani

The water quality of the Tamiraparani River is being monitored on monthly basis at 13 stations. The physico-chemical parameters and biological parameters are analysed in the Advanced Environmental Laboratories (AEL), Tirunelveli, the details

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are furnished in Annexure XI. The water quality of River Tamiraparani at almost all the monitored stations falls majorly under Category 'A' and 'B', indicating low pollution levels and the water is suitable for drinking purpose after conventional treatment and disinfection, all year around.

6.2.1.3 River Amaravati and Palar

The water quality of River Amaravathi (at 3 locations) and Palar (one monitoring station at Vaniyambadi Municipal Head Works) is being monitored every month. The analysis of water samples is carried out in the District Environmental Laboratory Dindigul and Advanced Environmental Laboratory (AEL), Vellore respectively. The water quality of river Amaravathi at all 3 stations falls majorly under Category A and B, indicating low pollution levels and the water is suitable for drinking purpose after conventional treatment and disinfection, all year around. The water quality of the Palar River could not be enumerated as the river had very little to no flow. The details are furnished in the Annexure XII.

6.2.1.4 River Bhavani

The water quality of the Bhavani River is being monitored on monthly basis at 8 stations. The physio-chemical parameters and biological parameters are analysed in the Advanced Environmental Laboratory (AEL), Coimbatore and District Environmental Laboratory (DEL) Perundurai and the water quality data is furnished in Annexure XIII. The water quality in the stations at Pathirakaliamman Koil, Sirumugai, Bhavani, Bhavani Sagar, Sathyamangalam, mostly falls under Class 'B', except at the monitoring stations of R.N Pudur&Kalingarayan Canal (b5), Kalingarayan Canal (b10) presumably owing to lower water flow than usual during the months of May and June also falls under Class 'B'.

6.2.1.5 River Vennar, Vaigai, Thirumanimutharu, Sarapanga & Vasista

The water quality of River **Vennar, Vaigai, Thirumanimutharu, Sarapanga & Vasista** is being monitored every month. Water quality of River Vaigai, at Upstream and Downstream at Madurai are being analyzed in Advanced Environmental Laboratory (AEL), Madurai. River Vennar, upstream and downstream at Thanjavur is being analyzed in Advanced Environmental Laboratory (AEL), Trichy. River water quality samples at River Thirumanimutharu at Uthamasollapuram, River Vasista at Thulukannur, River Sarabanga at Edappadi are being sampled and analyzed by

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Advanced Environmental Laboratory (AEL), Salem for physico-chemical and biological parameters.

The details of water quality throughout the year at the above-mentioned locations are given in the Annexure XIV. From the water quality data, it can be inferred that the river water quality in river Vennar and Vaigai varies from Class 'A' and 'B' indicating variation of water flow in river basin and anthropogenic pollution load. Whereas, the river water quality at river Thirumanimutharu, Vasista and Sarabanga consistently falls under category E throughout the year indicating the direct or indirect discharge of untreated household garbage and sewage into river systems.

6.2.1.6 Lakes

Under NWMP programme, the water quality of Udhagamandalam, Kodaikanal, Yercaud, Veeranam, Porur, Poondi, Pulicat and Redhills lakes are monitored on monthly basis. The water quality data of the above Lakes monitored is furnished in Annexure XV. Data on lake water quality shows that, water quality across all lakes except Udhagamandalam falls under DBU class between 'B' and 'C' where as Udhagamandalam falls in the Class 'A' indicating low pollution levels and that the water is safe to drink year-round following standard treatment and disinfection.

6.2.2 Chennai City Waterways Monitoring Programme

The TNPCB is monitoring the water quality of four waterways in Chennai city (i.e.) Adyar River, Buckingham Canal, Cooum River and Otteri Nallah at 17 locations to assess the pollution level by collecting monthly samples from April 2003 both in water bodies and sewage / industrial outlets into the said water bodies. The sampling locations are as follows: -

List of water bodies and their sampling locations

Sl. No.	Name of the Water Body	Sampling Locations
1.	Adyar	• Alandur Abraham Bridge • Thiru. Vi. Ka. Bridge • Nesapakkam 23 MLD STP • Nesapakkam 40 MLD STP • Nesapakkam 54 MLD STP
2.	Buckingham Canal	• Wallaja Road Bridge • Kodungaiyur 40 MLD STP • Kodungaiyur 80 MLD STP • Kodungaiyur STP 110 MLD

VI. ENVIRONMENTAL QUALITY MONITORING PROGRAMMES

Sl. No.	Name of the Water Body	Sampling Locations
3.	Coom	• Thirumangalam Cause way • Chitra Takies Bridge • Nappier Bridge • Koyambedu 34 STP Outlet • Koyambedu 60 STP Outlet • Koyambedu 120 STP Outlet
4.	Otteri Nullah	• Asprin Garden Bridge • Vysarpadi Road bridge

The Report of analysis of the above stations is given in Annexure XVI A, XVI B, XVI C and XVI D respectively. The Adyar, Buckingham canal, Coom and Otteri Nullah water quality does not confirm to any one class of the prescribed Surface Water Quality standards IS:2296.

The restoration of Chennai City Water Ways is entrusted with Chennai River Restoration Trust. The Trust formulates plans and undertakes implementation of programmes on restoration of Chennai City Waterways in co-ordination with the line Departments. Accordingly, Integrated Coom River Eco-Restoration Project and Adyar River Restoration Projects are being implemented by the respective line Departments.

6.2.3 Coastal Water Quality Monitoring

The Tamil Nadu Pollution Control Board is monitoring sea water quality at 34 locations, under NWMP, in 13 coastal districts of the State to assess the sea water quality of coast lines by collecting monthly samples.

The sea water quality is classified from SW-I to SW-IV category namely;

SW-I	Salt pans, Shell fishing, Mariculture and Ecologically Sensitive Zone
SW-II	Bathing, Contact Water Sports and Commercial fishing
SW-III	Industrial cooling, Recreation (non-contact) and Aesthetics
SW-IV	Harbour and
SW-V	Navigation and Controlled Waste Disposal

The report of analysis is given in Annexure XVII.

The locations namely Ennore Creek, Alamparaikuppam, Thalangadu, Kottakuppam, Tharangambadi Beach, and Kollidam fall under SW-II category for most time of the year. The locations namely Lagoon Nearby the Coast Line,

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Kezhathottam, Adiramapattinam, Mallipatanam, Kottaipattinam, Rameswaram, Erwadi, Tuticorin, Thiruchendur, Punnakayal, Vembar, Uvari, Kanyakumari, Keezhamanakudy, Santhome Beach, Injambakkam, Mamallapuram, Kalpakkam, Cuddalore, Pichavaram, Koodankulam Kanyakumari and Thangapattinam majorly fall under SW-I category. And the location Muthupettai, Tiruvottiyur, Chennai Port Trust, Nagapattinam, and Colachel fall under SW-III and SW-IV category.

6.2.4 Polluted River Stretches

Based on the water quality data accrued from its National Water Quality Monitoring Programme, Central Pollution Control Board (CPCB) has identified ten numbers of polluted river stretches in Tamil Nadu till 2022. Bio-Chemical Oxygen Demand (BOD) of water in the rivers is used to ascertain the pollution load in rivers. PRS are categorized into five priorities based on their BOD (Priority I: BOD > 30mg/L, Priority II: BOD 20 to 30mg/L, Priority III: BOD 10 to 20 mg/L, Priority IV: BOD 6 to 10 mg/L, Priority V: 3 to 6 mg/L). The details of the PRS in Tamil Nadu are as follows:

1. River Thirumanimutharu - Salem to Papparapatti – 15KM – Priority I.
2. River Vasista - Manivilundhan to Thiyaganur – 10KM - Priority I.
3. River Adyar - Tambaram to Nandanam - 30.1KM - Priority I.
4. River Cooum - Avadi to Sathya Nagar - 31.7KM - Priority I.
5. River Sarabanga - Thathayampatti to T. Konagapadi - 15KM - Priority II.
6. River Cauvery - Mettur to Mayiladuthurai - 200KM - Priority III.
7. River Thamiraparani - Pappankulam to Arumuganeri - 80KM - Priority IV.
8. River Bhavani - Sirumugai to Kalingarayan – 60KM - Priority V.
9. River Amaravathi - Madathukulam to Karur – 108KM - Priority V.
10. River Palar - Kodaiyanchi to Marapattu - 16.30KM - Priority V.

The water quality of the polluted river stretches indicates that the main cause of pollution is due to the discharge of untreated domestic sewage/sullage into the rivers and dumping of municipal solid wastes by the urban local bodies across the river basin and catchment areas. Based on the CPCB reports on Polluted River Stretches in 2018, a news article was reported by 'The Hindu' newspaper authored by Thiru. Jacob Koshy, titled as "More river stretches are now critically polluted: CPCB". The Hon'ble National Green Tribunal (NGT), Principal Bench, New Delhi

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took suo-moto cognizance of the above report and issued the following directions vide its orders dated 20.09.2018 & 19.12.2018 in O.A. No.673/2018.

“All the States and the Union Territories to prepare action plans for bringing all the polluted river stretches to be fit at least for bathing purpose.”

Accordingly, TNPCB in coordination with line departments has prepared and submitted the action plans with timelines for 8 PRS (Thirumanimutharu, Vasista, Sarabanga, Cauvery, Thamirabarani, Bhavani, Palar and Amaravathi) and the approved action plans are under implementation by line departments concerned to rejuvenate the PRS by mitigating the pollution. Action Plans to rejuvenate the Adyar and Cooum rivers are being prepared by the TNPCB in coordination with the line departments concerned. The water quality of the polluted river stretches is monitored under NWMP programme and the water quality data is uploaded in the TNPCB website as well as in the CPCB portal. Presently, the water quality of the PRS viz. Tamiraparani, Bhavani, Palar and Amaravathi are meeting the bathing standards of the CPCB.

6.3 National Ambient Noise Monitoring Network Programme

Noise is generated from a variety of indoor and outdoor sources such as industries, transport vehicles, construction activities, generator sets and fire crackers. The Noise Pollution (Regulation and Control) Rules, 2000 were notified by MoEF&CC under the Environment (Protection) Act 1986 and amended in January 2010. Database on noise level is required for policy formulation, setting standards and ensuring compliance of the existing rules.

The TNPCB in association with the CPCB has established 10 Real Time Ambient Noise Monitoring Stations in Chennai City under National Ambient Noise Monitoring Network Programme. The stations are at Egmore, T.Nagar, Perambur, Guindy, Triplicane, Pallikaranai, Velachery, Washermanpet, Anna Nagar and Sowcarpet. The monitoring data reveals that the ambient noise level in Chennai city is exceeding the prescribed standards which mainly due to vehicular movement and construction activities. The annual average noise level for the year April 2024- March 2025 is given in Annexure – XVIII A and XVIII B.

6.4 Vehicle Emission Monitoring

In Tamil Nadu, Pollution Under Control (PUC) Certificate is issued for all kind of vehicles by the private emissions testing centers authorized by Transport Department under rule 116(B) of Tamil Nadu Motor Vehicles Rules 1989. The TNPCB conducts training programme for the persons to be engaged in emission checking centers for the operation of emission checking instruments. The Board also issue working performance certificate for the new emission monitoring instruments to be used in the private emission testing centers. During the year 2024-2025, the Board has given training to 244 persons for operation of emission checking instrument and certified 101 new instruments.

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CHAPTER - VII

LEGAL ACTIONS

7.1 INTRODUCTION

The Board has the power to issue Consent (CTE/CTO/RCO) under Section 21 of the Air Act and Sections 25 & 26 of the Water Act. If a unit is found violating regulations, the Board can direct its closure and stop its power supply under Section 33A of the Water Act and Section 31A of the Air Act.

Affected parties can appeal:

- Orders under the Air Act to the Appellate Authority.
- Orders under Sections 25, 26, or 27 of the Water Act to the Appellate Authority.
- Orders under Section 33A of the Water Act to the National Green Tribunal under Section 33B.

The Board also files cases under the Water Act, Air Act, and Environmental Protection Act. The Law Section of the Board handles all environmental cases filed against the TNPCB in various courts and tribunals.

7.2 GREEN BENCH

The Hon'ble High Court has constituted a 'Green Bench' during the year 1996 as per the direction of Hon'ble Supreme Court of India dated 28.8.1996 in W.P.(C). No. 914 of 1991 to address cases with the environmental pollution related cases.

7.3 APPELLATE AUTHORITY

As the Government in the Environment and Forests Department has established an Appellate Authority under the authority granted by Section 28 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981. This Authority, chaired by a retired High Court judge and comprising two technical members, handles and resolves appeals from industries against orders issued by the TNPCB under Sections 25, 26, and 27 of the Water Act and any orders issued under the Air Act as amended.

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7.4 NATIONAL GREEN TRIBUNAL

The National Green Tribunal (NGT) was established in New Delhi on October 18, 2010, by the Central Government under the National Green Tribunal Act 2010. It handles cases related to environmental protection and forest conservation. Aggrieved individuals can appeal to the NGT within 30 days of an order by the SPCB or Appellate Authority under the Water Act, Air Act, and Environmental Protection Act. The NGT Southern Zone, established in 2010, operates in Chennai.

The cases filed, disposed and pending in the Hon'ble Supreme Court of India, High Court of Madras at Principal Seat and Madurai Bench, National Green Tribunal (Principal Bench and Southern Zone) and Appellate Authority during the financial year 2024-2025 are as follows:

Sl. No.	Name of the Court	No. of cases pending as on 31.03.2024	No. of cases filed from 01.04.2024 to 31.03.2025	No. of cases disposed (including cases filed in previous years)	Total No. of pending as on 31.03.2025
A	B	C	D	E	F = C+D-E
1	Supreme Court of India	31	2	1	32
2	High Court of Madras (Principal Bench and Madurai Bench)	286	239	35	490
3	National Green Tribunal (PB)	2	7	6	3
4	National Green Tribunal (SZ)	273	113	4	382
5	Appellate Authority	101	83	25	159
	Total	693	444	71	1066

7.5 ENVIRONMENTAL IMPACT ASSESSMENT (EIA) VIOLATION CASES

As per the EIA Notification 2006 as amended [S.O.804 (E) dated 14.03.2017], In cases of violation, action will be taken against the project proponent by the respective State or State Pollution Control Board under the provisions of section 19

VII. LEGAL ACTIONS

of the Environment (Protection) Act, 1986 and further, no consent to operate or occupancy certificate will be issued till the project is granted the environmental clearance.

Accordingly, the MoEF&CC/SEIAA will request the State Government to initiate action against the project proponent under the provisions of Section 19 of the Environment (Protection) Act, 1986 before issue of environmental clearance. Based on the request of MoEF&CC/SEIAA, the State Government request the State Pollution Control Board to take appropriate action against the project proponent and send the detailed action taken report directly to MoEF&CC/SEIAA with intimation to the State Government.

As per the request of the Government received so far, the details of (cases filed, disposed and pending) action initiated by the TNPCB against the project proponent under the provisions of section 19(a) of the Environment (Protection) Act, 1986 are as follows:

Sl. No.	Name of the Court	No. of cases pending as on 31.03.2024	No. of cases filed from 01.04.2024 to 31.03.2025	No. of cases disposed (including cases filed in previous years)	Total No. of pending as on 31.03.2025 (3 + 4 - 5)
(1)	(2)	(3)	(4)	(5)	(6)
1	Metropolitan / Chief Judicial / Judicial Magistrate Courts	149	3	1	151

7.6 IMPORTANT JUDGMENTS / ORDERS

7.6.1 HON'BLE SUPREME COURT OF INDIA

- (i) SLP.23633-34 of 2010 filed by Vellore district environment monitoring committee against the district collector Vellore.

The Court directs the State Government to pay all pending compensation to affected individuals/families as per the LoEA awards dated 07.03.2001 and 24.08.2009 within six weeks, if not already paid.

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Mandates recovery of compensation from polluters by the State using the Revenue Recovery Act or other lawful means, reaffirming the *Polluter Pays Principle*.

Orders constitution of a high-level committee (within four weeks), chaired by a retired High Court Judge, comprising State and Central officials, environmental experts, and community representatives, to audit, monitor, and restore environmental health in Vellore District.

Entrusts the committee with responsibilities including:

- Examining and compensating claims beyond 1998;
- Formulating and implementing a comprehensive ecological restoration plan;
- Preventing discharge of untreated effluents into the Palar River and other water bodies;
- Declaring No Discharge Zones to protect groundwater;
- Strengthening pollution control infrastructure by identifying needs for new and improved CETPs/IETPs and rectifying deficiencies in existing systems.

As per the directions of the Order necessary steps for disturbing the compensations amount to the affected persons are being made and the high-level committee was constituted by the State made vide GO. MS. No. 43 dated 28.02.2025 and further compliance of the order are being carried out strenuously by the State and TNPCB.

7.6.2 Hon'ble High Court of Madras

(i) ***W.P.No.34307 of 2022 & other batch cases – Brick Kilns matter***

In this batch of writ petitions filed by the brick kilns units located at Thadagam & Non-Thadagam valley, Coimbatore District the Hon'ble High Court of Madras vide W.P.No.34307 of 2022 has passed order dated 27.04.2023 inter alia that

1. In terms of the delegated power under Section 5 r/w 23 of the Environment (Protection) Act, 1986, the Chairman, Tamil Nadu Pollution Control Board, is entitled to levy damages / penalty / compensation.
2. The period of damage shall be from the date of commencement of the operation by the individual brick kiln which can be found out from the Annual Brick Fee paid by them or from such material as the Chairman / the Committee so decides and shall conclude with the date of closure passed by the District Collector, Coimbatore, i.e., 13.06.2021.

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(ii) W.P.No.34065 of 2018 & other batch cases – Plastic matter

The Tamil Nadu Pongy Plastic Association, Chennai has filed a W.P.No.34065 of 2018 against the Principal Secretary to Government & others challenging the G.O.(Ms) No.84, dated 25.06.2018 issued by the Government of Tamil Nadu to ban on manufacture, store, supply, transport, sale or distribute of use and throwaway plastics plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups and plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness. The Hon'ble High Court of Madras in its order dated 27.12.2018 has dismissed the writ petitions and uphold the G.O.(Ms) No.84, dated 25.06.2018 issued by the Government of Tamil Nadu.

In respect of review of Application No.89 of 2019 in W.P.No.34065 of 2018, the Hon'ble High Court of Madras in its order dated 20.10.2022 has lauded the efforts of TNPCB in developing this first of its kind directory in the entire country interalia that.

“6. This Court places on record its appreciation to the efforts taken by the 3rd Respondent (TNPCB) to come out with a Directory of Manufacturers and Suppliers of Eco-alternative Materials for Single Use Plastics in Tamil Nadu. A perusal of the said Directory not only shows various ecofriendly alternative materials in lieu of Single Use Plastics, but also gives details of the Manufacturers/Retailers in each District of Tamil Nadu.

7. We are also happy to note that this Directory is a first of its kind in the entire country and persons who have conceptualized the above, deserve accolades. This Directory would not only help the Retailers, but would also help the domestic purchasers; since we are informed the Directory is available online.”

iii. W.P.(MD) No. 23412 of 2024: F/b. S.P. Muthuraman - Important judgement

Thiru.S.P.Muthuraman Tirunelveli filed a WP(MD) No.23412 of 2024 against the mining of atomic energy in Kanyakumari district with the prayer to direct the respondent to hold the public hearing in the 8 villages independently at the project site itself. The Hon'ble High Court of Madras, Madurai bench has quoted the provision for the procedure for conduct of public hearing as follows:

VII. LEGAL ACTIONS

“The public hearing shall be arranged in a systematic, time bound and transparent manner ensuring widest possible public participation at project site or in its close proximity district wise– By the concerned pollution state control board or the union territory pollution control committee. In this regard the Honble High court has observed that reading of this provision would show that the conduct of public hearing in the site is not mandatory. The public hearing is to be conducted at the project site or its close proximity. It is for the authority to decide. if the public hearing is conducted 100 KM away from the site, the petitioner can very well question the same.”

IV. WP.No.5776 of 2025: F/b.S.T.Sivagnanam – Important judgement

Thiru. S.T.Sivagnanam filed a WP.No.5776 of 2025 with a prayer to,

“directing respondents 1 to 6 to initiate appropriate action against the 7th respondent for operating its facilities without adequate sewage treatment facilities for discharging untreated sewage, causing pollution for causing severe noise pollution in violation of the Noise pollution (Regulation and control)Rules 2000 and desist from issuing any permission to the 7th respondent for conducting its Maha sivarathri programmed on 26.2.2025 and 27.2.2025 in light of the violations of law committed during the Maha sivarathri Programme in the year 2024 the lack of adequate facilities for treatment of sewage.”

The Hon'ble High Court of Madras in its order dated 24.02.2025 states that:

“10. The learned counsel for the petitioner though disputed the contentions in the counter filed by the Tamil Nadu Pollution Control Board, since the allegation itself is based on certain apprehensions, and the Member Secretary, Pollution Control Board filed a counter stating that they will take adequate measurement to watch the programme on 26.02.2025 and 27.02.2025, this Court is not inclined to entertain the claim of the writ petitioner.

11. Except apprehensions, the petitioner has not established any right to grant the relief injuncting the 7th respondent from conducting Maha Sivarathri Function on 26.02.2025 and 27.02.2025. Thus, this Court do not find any acceptable ground for interference and consequently, the writ appeal stands dismissed. There shall be no order as to costs. Consequently, the connected miscellaneous petitions also stands dismissed.”

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7.6.3 Hon'ble National Green Tribunal Southern Zone, Chennai

- i. O.A. No.107 of 2023 (SZ) & O.A. No.39 of 2024(SZ) – *Suo Motu “Huge pollution risk in 8 Km around NLC” and in The Times of India, Chennai Edition dt. 09.08.2023 under the caption “Water near NLC full of Mercurys A No. 107 of 2023 taken as Suo Motu based on the news item published in the around NLC” and in The Times of India, Chennai Edition dt. 09.08.2023 under the caption “Water near NLC full of Mercury”.*

As per the direction issued by the Hon'ble NGT (SZ) Chennai in its order dated 10.08.2023 Tamil Nadu Pollution Control Board (TNPCB) to inspect the area, study the water quality of the water bodies near NLC and also to ascertain whether the news is correct or not. Based on the Order, the Board has formed a committee on 10.08.2023 to inspect the area and collect Water and soil samples in the area referred in the study report and the TNPCB committee inspected study area on 11.08.2023, 16.08.2023, 17.08.2023, 23.08.2023, 29.08.2023 and 28.09.2023.

ii. Original Application No.180 of 2023 Suo Motu - Oil Spillage in Ennore during Michaung cyclone

OA No.180 of 2023, SUO MOTU - Suo Motu based on the Visual media titled Chennai Rains Oil Companies - Shocking Story - Michaung Ground Report covered by on VIKATAN TV Chennai dt. 06.12.2023.

On 24.10.2024, the, show-cause notice was issued vide TNPC Board Proceeding No.: TNPCB / T6/ F.12753 / MNL / RL / 2024, dated 21.11.2024 to M/s. Chennai Petroleum Corporation Limited, Refinery I, II & III, Manali Village, Thiruvottiyur Taluk, Chennai District to show cause within 15 days as to why environmental compensation of Rs.73,68,00,906/- (Rupees Seventy-Three Crores Sixty-Eight Lakhs Nine Hundred and Six only) shall not be levied against their unit under Section 5 of the Environment Protection Act, 1986 for the environmental damages and the socio-economic damages caused due to oil spill occurred during December 2023.

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7.7 Action against Defaulting Units

The Board monitors the industries on compliance of environmental standards. If violation is noticed, show cause notices are issued. Once the units rectify the defects, further action is dropped. If violation continues, the units will be called for personal hearing and time will be granted for rectification of defects. In case, the units continue to violate and pollute the environment, the Board issues direction for closure and disconnection of power supply under the provisions of the Water (P&CP) Act, 1974, the Air (P&CP) Act, 1981 and the Environment (Protection) Act, 1986. Once the unit rectifies the defects, the closure order is revoked and power supply is restored.

Sl. No.	Action	Upto 31.03.2024	During the year 2024 - 25	Total as on 31.03.2025
1.	No. of units for which show cause notice issued	1,25,827	2,928	1,28,755
2.	No. of units for which closure order and disconnection of power supply order issued	14,234	150	14,384
3.	No. of units for which orders for revocation of closure and restoration of power supply	7,321	198	1,519
* Data from 1999-2000 onwards				

7.7.1 Demolition of Unauthorized Units

During the period 2024-2025, the District Coordination Committee (*vide G.O. (Ms) No. 23, Environment and Forests (EC.1) Department, dated: 01.03.2018*) has demolished 60 unauthorized units. Most of these demolished units are unauthorized textile bleaching and dyeing units located in Kumarapalayam area along the bank of Cauvery River.

7.7.2 Levy of Environmental Compensation

Environmental Compensation is a policy instrument for the protection of the environment, which works on the 'Polluter Pay Principal'. As per the orders of the Hon'ble NGT (PB) in O.A No.593/2017 [W.P.(Civil) No.375/2012], the CPCB evolved methodology for assessing environmental compensation for the following cases: -

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- a) Discharges in violation of consent conditions, mainly prescribed standards / consent limits;
- b) Not complying with the directions issued, such as direction for closure due to non-installation of OCEMS, non-adherence to the action plans submitted, failure of preventing the pollutants being discharged in water bodies and failure to implement waste management rules etc.;
- c) Intentional avoidance of data submission or data manipulation by tampering the Online Continuous Emission / Effluent Monitoring Systems;
- d) Accidental discharges lasting for short durations resulting into damage to the environment;
- e) Intentional discharges to the environment-land, water and air resulting into acute injury or damage to the environment;
- f) Injection of treated / partially treated / untreated effluents to ground water.

The Government vide G.O. (Ms) No.77, Environment and Forests Department, dated 28.10.2020 accepted the proposal of the TNPCB for levying environmental compensation against the Health Care Facilities and Common Biomedical Waste Treatment Facilities for non-compliance of the Bio-medical Waste Management Rules based on the methodology and formula given by the CPCB.

Accordingly, the TNPCB levies environmental compensation to the industries and health care establishments. During the period from 01.04.2024 to 30.03.2025, Rs.9,05,43,957/- (Rupees Nine Crores Five Lakhs Ninety Forty-Three Thousand Nine Hundred and Fifty-seven only) have been collected as environmental compensation from industries.

CHAPTER-VIII

ENVIRONMENTAL TRAINING INSTITUTE

8.1 ENVIRONMENTAL TRAINING INSTITUTE

The Board established the Environmental Training Institute (ETI) in 1994 with Danish Assistance for educating and training the employees of the Board, industrial representatives, executives of Corporations, Municipalities, line – agencies, and various Non-Governmental Organisations on pollution control and environmental protection. Trainings are provided to enhance technical knowledge on Environmental Acts and Laws, State of the Art technologies for environmental management and protection. Training sessions also focus on the well-being of the officials, where trainings were provided on Stress Management, Time Management and Self Development to the Board Officials. Such trainings have been organised by the board with resource person from agencies pioneer in the particular field. The Board also organises training for Government Officials of different departments and Deputy Collectors, focusing on the administrative strategies of the Board.

In addition to this, Officials of the Board officials have participated in trainings held by various organizations of merit throughout the country. Trainings on a broad spectrum of avenues have been attended by the officials. A total of **769** trainees have received training through the programmes conducted by ETI.

8.2 Training programs conducted by TNPCB from April 2024 to March 2025

S. No.	Training Program	Date of Training	Programmes attended by	No. of Beneficiaries
1	Capacity upgradation of Engineers and Scientists	27.04.2024 & 28.04.2024	All Board officials from Vellore zone	-
2	Visit to Biomedical waste incinerators, hazardous waste incinerators, cement factories, metal smelting plants, thermal power station - Review & update of NIP	22.07.2024 to 02.08.2024	NIIST Team, CSIR	5
3	Training Program for	18.09.2024 to	Thiru. M.	1

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S. No.	Training Program	Date of Training	Programmes attended by	No. of Beneficiaries
	Deputy Collectors	20.09.2024	Santhosh Kumar, Probationary Deputy Collector.	
4	Training Program for Newly Recruited AEs	07.10.2024 to 30.10.2024 & 11.12.2024 to 17.12.2024	Newly Recruited Assistant Engineers	46
5	Administration, Accounting and RTI	29.11.2024 & 30.11.2024	Officers from Trichy, Cuddalore and Madurai Zone	50
6	CRZ Notification 2019	12.12.2024	Coastal District Collectors	14
7	Pollution Control	18.12.2024	NCC Cadets in Annual Training Camp	500
8	Pollution Control and Environmental Impacts - Various NOC issues under Environmental clearance - CRZ clearance - Rules and procedures	23.12.2024	Under Secretaries - conducted by AASC	-
9	Working Principles of CEMS, OCEMS and CAAQMS	25.02.2025 & 26.02.2025	Nominated engineers of the Board from all zones and Corporate office	20
Total				636

8.2.1 Training programs attended by TNPCB officials which were organised by various Technical Expert Institutions in India from April 2024 to March 2025

S. No.	Training Program	Date of Training	No. of beneficiaries	Organisation
1	Zero Emission Areas in Chennai	10.04.2024	2	C40 Cities, Chennai
2	Conference for Regional Pollution Response Exercise - 2024	06.05.2024	3	Indian Coast Guard, Chennai

VIII. ENVIRONMENTAL TRAINING INSTITUTE

S. No.	Training Program	Date of Training	No. of beneficiaries	Organisation
3	Developing a Green House Gas Inventory for the Chennai Metropolitan Areas (CMA) & Greater Chennai Corporation	21.05.2024	1	C40 Cities, Chennai
4	Air Pollution Mitigation	-	1	Tamil Nadu Agricultural University, Coimbatore
5	Training Program on RTI Acts & Rules	14.06.2024	30	Anna Administrative Staff College, Chennai
6	Training Program on RTI Acts & Rules	21.06.2024	30	Anna Administrative Staff College, Chennai
7	Training Program on RTI Acts & Rules	28.06.2024	30	Anna Administrative Staff College, Chennai
8	Waste to Energy Plant Visit	12.06.2024 to 14.06.2024	4	Re Sustainability Limited
9	Forest and Wildlife Laws	17.07.2024 to 19.07.2024	4	Central Academy for State Forest Service (CASFOS), Coimbatore
10	National Level Training on CEMS	06.08.2024 to 09.08.2024	2	Centre for Science and Environment (CSE), Nimli, Rajasthan
11	Training on Carbon Accounting, Auditing and Trading	10.09.2024 to 13.09.2024	2	Centre for Science and Environment (CSE), Nimli, Rajasthan
12	Training on Environmental Impact Assessment	17.09.2024 to 20.09.2024	2	Centre for Science and Environment (CSE), Nimli, Rajasthan
13	Oil Pollution	23.09.2024	1	Indian Coast

VIII. ENVIRONMENTAL TRAINING INSTITUTE

S. No.	Training Program	Date of Training	No. of beneficiaries	Organisation
	Preparedness Response and Co-operation	to 26.09.2024		Guard, Mumbai
14	Office Procedure for TNPCB	27.09.2024	21	Anna Administrative Staff College, Chennai
Total			133	

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CHAPTER-IX

ENVIRONMENTAL AWARENESS AND PUBLIC PARTICIPATION

9.1 Environmental Awareness

Environmental awareness is to understand the fragility of environment and the importance of its protection. Promoting environmental awareness is an easy way to become an environmental steward and participate in creating a brighter future for next generations. Environmental campaigns have become an important tool to achieve effective compliance of various pollution control norms. Large scale public involvement can strengthen environmental movements for the sake of implementation of environment-friendly rules and regulations by the Government machinery in much better way to have the most desired results. The Board conducts various types of environmental awareness programmes every year on the following occasions. During the year 2024-2025, the following awareness programmes were conducted during festival occasions.

9.1.1 Vinayagar Chathurthi

Awareness programmes are conducted among the public through the District Offices regarding the ecofriendly celebration of Vinayagar Chathurthi festival in compliance to the Central Pollution Control Board (CPCB) Revised Guidelines for Idol Immersion-2020. Letters are addressed to the Stakeholders to take necessary action for the safe and ecofriendly celebration of Vinayagar Chathurthi festival. Press release in English & Tamil was published in the Dailies regarding ecofriendly celebration of Vinayagar Chathurthi festival and the public are requested to immerse the idols only in the water bodies notified by the Government of Tamil Nadu. The Board monitors water quality of the said water bodies by collecting water samples on pre, during and post immersion of idols and submitted the consolidated Report of Analysis (ROA) to the CPCB.

9.1.2 Deepavali (2024 Deepavali)

Every year the Board conducts public awareness programme during Deepavali festival for celebrating noise and smoke pollution free Deepavali. The Hon'ble Supreme Court of India in its Judgement dated 23.10.2018 in W.P (C) No. 728/2015 have issued directions interalia that the crackers with reduced emission (improved crackers) and green crackers only would be permitted to be manufactured

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and sold, extensive public awareness campaigns shall be taken up by the Central Government / State Government / Schools / Colleges informing the public about the harmful effects of firecrackers. The Hon'ble Court has also restricted the timing of two hours for bursting of fireworks. Accordingly, the Government of Tamil Nadu has permitted the public for bursting of crackers between 6.00 AM to 7.00 AM and 7.00 PM to 8.00 PM on the Deepavali day. The Hon'ble Supreme Court has also directed the SPCBs to carry out short-term monitoring in their cities for 14 days (commencing from 7 days prior to Deepavali and ending 7 days after Deepavali).

As per the directions of the Hon'ble Supreme Court of India, the Board has conducted awareness programme in association with Eco-clubs, National Green Corps, School Education, Higher Education and Police Departments and District Administration. In this regard, a total fund of Rs. 10,28,160 (Rupees Ten Lakhs and Twenty-Eight Thousand One Hundred and Sixty only) were sanctioned to all the District Environmental Engineers for conducting awareness programme. Awareness through FM Radio was also done for four days from 27.10.2024 to 30.10.2024 in 9 cities (i.e.) Chennai, Trichy, Coimbatore, Madurai, Tirunelveli, Tuticorin, Vellore, Salem and Erode.

9.1.3 Bhogi Festival (2025 Bhogi)

The Board conducted awareness programmes during Bhogi Festival in January 2025, to sensitize the public about the ill effects of air pollution caused due to the burning of waste materials such as waste tyres, tubes, plastic materials, cloths etc. All the DEEs have conducted the programme in coordination with the District Administration. Awareness through FM radio was also done for two days from 12.01.2025 to 13.01.2025 in 9 cities (i.e.) Chennai, Trichy, Coimbatore, Madurai, Tirunelveli, Tuticorin, Erode, Salem and Vellore. On the night before Bhogi, night patrolling was carried out by the Board officials in the Chennai city so as to curb the burning of tyres, tubes and plastic materials. The Board also conducted ambient air quality survey on pre-bhogi and bhogi day at 15 places in Chennai city viz., Kathivakkam, Manali, Thillai Nagar (Kolathur), Tondiarpet, Royapuram, Thiru.Vi.Ka.Nagar, Ambattur, Anna Nagar, Besant Nagar, Thiyagaraya Nagar, Perungudi, Karambakkam, Meenambakkam, Kodambakkam and Sholinganallur. The results are given in Annexure-VIII B.

9.2 Public Participation

9.2.1 Tamil Nadu Green Champion Award 2023

From the year 2021 onwards, TNPCB presents Green Champion Awards to Organization / Education Institutions / Schools / Colleges / Residential Welfare Associations / Individuals / Local body / Industries that have made exemplary contribution towards environment conservation and protection. 100 individuals/organizations would be selected every year for the Award. Each Award carries prize money of Rs.1 lakh. There are 94 proposals that were selected by 32 District Collectors for the issue of Green Champion Award-2023. Hon'ble Minister for Environment and Climate Change presented the Green Champion Awards to the selected awardees of Chennai Region and concerned District Collector presented the Green Champion Awards to the awardees from other Districts.

9.2.2 Green Award to District Collectors

Tamil Nadu Pollution Control Board presents Green Awards to the District Collectors every year as an appreciation for the exemplary contribution made by them for environment protection & improvement.

The Board has been awarding District Collectors since 2011 for commendable activities in the field of environment based on B.P.Ms.No.21 Dated 11.11.2011. For the year 2024, the proposals are being received from the District Collectors.

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OTHER IMPORTANT MATTERS DEALT BY TNPCB

10.1 Oil spill from the premises of M/s. Chennai Petroleum Corporation (CPCL) through storm water drains due to cyclone Michaung

In December 2023, Michaung Cyclone resulted in heavy floods in Manali Industrial area including Chennai Petroleum Corporation Limited (CPCL) and caused ingress of oil mainly from CPCL which affected the nearby areas causing major concern to livelihood.

Under the guidance of Government & TNPCB, CPCL carried out the remediation works from 12.12.2023 to 31.12.2023 with the help of specialized cleaning agencies, skilled man power and sophisticated machineries/equipment in Buckingham Canal, Kosasthalaiyar River & Ennore Creek.

A Technical Team formed by Government of Tamil Nadu vide G.O.(Ms) No.178 dated 10.12.2023 carried out detailed inspection and furnished their final report with certain measures to be adopted by CPCL and by other industries located along Buckingham Canal and Kosasthalaiyar River. Based on the recommendations of technical team, TNPCB issued direction under Section 33 A of Water (P&CP) Act 1974 vide Proceedings dated 11.01.2024 and 05.02.2024 to CPCL in respect of remedial measures, restoration of Manali & Ennore Area.

IIT Madras quantified the oil spilled in the area and submitted final report on 01.07.2024. On assessment of the report, the total spilled oil was determined by the technical. team as 647 cum or 517 tonnes. Subsequently, the team computed the damages caused due to the spill and recommended to recover Rs.73,68,00,906/- from CPCL as socio-economic damages and environmental damages cost.

Based on this, showcause notice was issued to CPCL on 21.11.2024 under Section 5 of Environment (Protection) Act, 1986 as to why the amount of Rs.73,68,00,906/- shall not be levied on their unit for the damages cause in the oil spill. In response to the same, the unit had submitted a reply dated 05.12.2024 stating that the CPCL is in the process of filing objections to the IIT report before Hon'ble NGT since the quantity arrived by the IITM report is

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abnormally high and hence it is not acceptable. However, as CPCL had not submitted any oil quantity estimation report and to carry out the remediation measures in the oil-affected areas, TNPC Board has directed CPCL on 20.02.2025 to remit Rs. 73,68,00,906/-(Rs.73.68 Cr.) under Section 5 of Environment (Protection) Act, 1986.

10.2 Ammonia Gas leakage

Ammonia gas leakage occurred in the under-sea pipeline of the M/s. Coromandel International Ltd., Ennore, during the pre-cooling operation of the pipeline on 26.12.2023 night. On detection of gas leak, the pipeline was immediately depressured by the unit by diverting the ammonia gas to flare. The unit was immediately inspected by the officials of TNPCB, and necessary directions were issued to the unit and the operation of the offshore pipeline and ammonia transfer was suspended immediately. A committee was constituted by the TNPC Board with experts from Central Pollution Control Board, Indian Institute of Technology Madras, Central Leather Research Institute., Directorate of Industrial Safety and Health and senior officials of TNPCB to ascertain the cause of the ammonia leak and to furnish a detailed report of the event along with recommendations to the TNPC Board. The Committee has submitted its report along with certain recommendations and the same was forwarded to the Government. The Government has accepted the Committee report and directed the TNPCB to implement all the recommendations of the Committee.

Based on the above, the unit was issued with directions under Section 5 of the Environmental Protection Act, 1986 to comply with the recommendations of the Technical Committee. Also, the unit was asked to remit Rs.5,92,50,888/- as interim Environmental compensation for the violation caused. The unit has remitted the environmental compensation on 14.03.2024. The Technical Committee has recommended that "TNPCB shall take immediate action to file a Criminal Case against the unit and its occupier for the non-compliance with the conditions of the consent order issued under the Air Act". Action is being taken in this regard.

Meanwhile, the Hon'ble National Green Tribunal (SZ), Chennai taken this Ammonia gas leak matter as a Suo Motu case. The Board filed its report

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to the Hon'ble NGT (SZ) and the case was disposed with the following directions:

Since the company has suspended the ammonia precooling and unloading activity and undertaking precautionary measures to rectify the damaged pipeline and also carried out detailed audit of ammonia storage facilities, pre-cooling and ammonia ship unloading operation, we issue the following directions AND the Original Applications [O.A. No.195 of 2023 (SZ) and 81 of 2024 (SZ)] are disposed off.

- i. The 7th Respondent is directed to strictly follow the directions issued by the various official respondents including the Tamil Nadu Pollution Control Board and the recommendations made by the Technical Committee (constituted by the TNPCB).
- ii. The 7th Respondent is directed to obtain necessary NOC from Directorate of Industrial Safety and Health (DISH) and approvals from the Indian Register of Shipping (IRS) and the Tamil Nadu Maritime Board before resuming the operation of ammonia offshore pipeline activity.
- iii. The Tamil Nadu Pollution Control Board is directed to closely monitor the activities of the 7th Respondent.
- iv. The Directorate of Industrial Safety and Health and the Tamil Nadu Maritime Board are directed to inspect the unit before issuing NOC and approvals for restarting the ammonia operations.
- v. The Tamil Nadu Pollution Control Board should utilize the environmental compensation of Rs.5.92 Crore collected from the 7th Respondent for environmental mitigation in Ennore industrial area.

Based on the above order, the unit has been instructed to comply the said direction vide letter dated 04.06.2024.

The unit had requested TNPCB for permission to resume the operations of Phosphoric/Sulphuric acid plants alone (Fertilizer Division). Hence the TNPCB request the Technical Committee to carry out detailed inspection of the Fertilizer plant & furnish detailed report along with recommendation for further action on request of the unit.

The Technical Committee inspected the unit on 19.06.2024 and has furnished a report recommending to permit the unit for the operations of the

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Phosphoric Acid Plant and Sulphuric Acid Plant to comply with certain conditions. Accordingly, the unit was permitted by TNPCB vide letter dated 12.08.2024 to resume the operation of only Phosphoric Acid Plant and Sulphuric Acid Plant without Ammonia Storage Facility subject to the conditions as recommended by the Technical Committee.

Further, in order to comply with the Hon'ble NGT orders dated 21.05.2024, a detailed proposal was requested by TNPCB vide letter dated 05.09.2024 to the District Collector, Chennai on the actions to be taken for environmental mitigation in Ennore industrial area, so as to utilize the environmental compensation of Rs.5.92 Crore appropriately. Subsequently, the Manali Ennore Restoration and Rejuvenation Council has been formed for the environmental protection of the Manali & Ennore area.

In addition, complying with the recommendations of the technical committee, a criminal case has been filed against the unit with the Judicial Magistrate, Thiruvottiyur for negligence towards the Environment, and the case is yet to be numbered.

10.3 Manali-Ennore Restoration & Rejuvenation Council (MERRC):

As a result of the oil spill and ammonia gas leak incidents, Government of Tamil Nadu ordered the formation of Manali-Ennore Restoration & Rejuvenation Council (MERRC), a Special Purpose Vehicle to undertake greening, water body and mangrove restoration, solid waste management, pollution control measures and community infrastructure development for comprehensive growth of Manali & Ennore areas vide G.O. (Ms). No.43, dated 15.03.2024.

MERRC is a 100% TNPCB owned not-for profit company incorporated under Section 8 of Companies Act 2013.

Following the formation of MERRC, stakeholder meetings were convened on 06.09.2024 and 07.11.2024 with major departments including Greater Chennai Corporation, Chennai Metropolitan Water Supply & Sewerage Board, Water Resources Department, Forest Department, Municipal Administration and Water Supply, Energy (TANGEDCO), Fisheries, Labour, Health, and Kamarajar Port to identify priority interventions related to pollution control, environmental restoration, and community support. Based on

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these discussions and preparatory actions, the Council was formally incorporated on 19.12.2024

The first Board of Directors Meeting along with the third Stakeholder Meeting were held on 10.01.2025 to initiate coordinated implementation across departments in the Manali-Ennore region.

To strengthen environmental monitoring and emergency response, TNPCB established a Dedicated Command Centre under MERRC, comprising a District Environmental Engineer's Office and two Flying Squads for Manali and Ennore on 30.09.2024. Since October 2024, the DEE office and squads have been operational, ensuring continuous environmental monitoring and rapid response in the industrial zones of Manali-Ennore.

During the stakeholder meetings, line departments were requested to submit project proposals for comprehensive development of the Manali-Ennore area. Accordingly, the Greater Chennai Corporation (GCC) submitted detailed proposals for roadside avenue plantation and mechanized road cleaning under MERRC. Based on the proposals, TNPCB released a total amount of Rs.17.85 Crores on 25.03.2025.

10.4 Stone Crushers in Tamil Nadu

Board vide B.P. No.21, dated 31.07.2019 relaxed the 1kilometre distance criteria. Aggrieved by the Board's Proceeding, a writ petition (W.P. No.26786/2019) was filed before the Hon'ble High Court of Madras. The Hon'ble Court in its order dated 04.10.2019 granted an interim stay on the Board Proceeding and issued orders to carry out a study through any reputed institution. Based on that, the Board has entrusted the study to NEERI, Chennai and its report has been submitted before the Hon'ble High Court of Madras.

Subsequently, the Hon'ble High Court of Madras vide order dated 07.02.2024 disposed the W.P. No. 26786 of 2019 directing the petitioner to approach the Hon'ble NGT. The petitioner filed an application vide O.A No. 12 of 2024 before the Hon'ble NGT (SZ) and case was disposed vide order dated 08.08.2024 with certain directions to the TNPCB for compliance. Based on the directions of the Hon'ble NGT, TNPCB constituted a Joint Committee with the officials from the CPCB, Forest Department, Health and Family Welfare

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Department, NEERI, Chennai and TNPCB to furnish report & recommendation for the effective compliance of the above order.

The Committee submitted its report with certain recommendations that was placed in the Board meeting held on 25.11.2024. It was decided in the meeting to present the draft guidelines before the other stakeholders viz., Forest Department, Health and Family Welfare Department, Geology & Mining Department etc., to get their views for incorporating the same in the guidelines. Based on that, a meeting under the chairmanship of the Principal Secretary to Government, Environment, and Climate Change & Forests Department was convened on 23.01.2025 with the said officials. Then the subject was placed in the Board meeting again and the Board resolved to approve the subject, based on which vide Proceeding No.116 dated 06.05.2025 Revised Guidelines for Stone Crushers was issued by the Board.

10.5 Brick Kilns

10.5.1. Brick Kilns in Thadagam Region of Coimbatore District

Based on the Hon'ble National Green Tribunal Order dated 13.05.2022 in O.A.No.119/2021, the TNPCB has issued Show Cause Notices to 185 brick kiln units located in the Thadagam Valley of Coimbatore District for levying environmental compensation for causing damage to the environment. Aggrieved by that, the Brick Kiln units have filed writ petition before the Hon'ble High Court of Madras in WP No. 34793 of 2022. As per the Hon'ble High Court order dated 27.03.2024 the Board vide work order dated 22.12.2023 allotted work to TERI for carrying out "Assessment of Environmental Compensation for brick kilns located in Thadagam Region."

10.5.2. Brick Kilns – Other regions of Coimbatore District

Based on the orders of the Hon ble High Court of Madras dated 24.11.2022 in W.P. Nos. 27356 of 2019, 9090 of 2021 and 28475 of 2019, closure and power disconnection orders were issued on 20.12 2022 to 118 brick kilns operating in Coimbatore North, South and Thadagam regions. Directions were also issued to the District Collector, Coimbatore and the Director Department of Geology & Mining to ensure that the brick kilns without valid consent of TNPCB are not operated. Further, sealing orders were issued

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on 27.04 2023 to 27 brick kilns (19 in Perur Taluk and 8 in Madukkarai Taluk) for continuing operations despite power disconnection.

Meanwhile the Hon'ble High Court dated 10.01.2025 in W.P. No. 27356 of 2019 etc., has directed TNPCB to include the Brick kilns in Perur region also in the ongoing study of Environmental Compensation conducted by TERI. The same is under progress.

10.6 Remediation of Chromium Contaminated Site at M/s.Tamil Nadu Chromates and Chemicals Limited (TCCL), Ranipet

M/s. Tamil Nadu Chromates and Chemicals Ltd. (TCCL) at Ranipet was operated between 1975-1995 and manufactured sodium bi-chromate, basic chromium sulphate and sodium sulphate using chromate ore. During its operation, about 2.2 Lakh Tonnes of chromium bearing hazardous process waste generated was dumped at the backyard of its premises on open land in an extent area of 2 hectares to a height of 3 to 5 meters. The leachate generation from the stockpile is causing a threat for contamination of land and ground water in that area.

The Board has initiated a series of legal actions which includes the issue of closure order, directions under Section 5 of the Environment (Protection) Act, 1986, etc. However, no progress on remediation could be achieved as there was change in the company management and difficulties are being encountered in tracing & recovery of funds for implementation.

In order to remediate the contaminated site, the CPCB has awarded the contract to M/s. ERM India Pvt. Ltd, Bangalore for the preparation of Detailed Project Report (DPR) and providing consultancy for remediation. Accordingly, M/s.ERM India Pvt. Ltd has conducted detailed study and submitted DPR.

M/s.ERM India Ltd has suggested the following options (i) Interim remedial measure – Capping over the existing dumpsite and also to provide garland storm water drain to divert the rain water at a cost of Rs.12 Crores and (ii) Full Scale remediation – Waste Stabilization and storing in secured landfill at onsite followed by ground water pumping & treatment for next 15 years at a cost of Rs.556 crores.

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The Hon'ble NGT (SZ) vide order dated: 02.09.2022 in OA No.186 of 2020 has directed TNPCB to implement the interim remedial measure of capping to stop further contamination within a period of one year. Therefore, in order to implement the Hon'ble NGT (SZ) order vide order dated 02.09.2022 in OA No. 186 of 2020, for interim remedial measures, technical document has been prepared through consultant. It involves the Capping the existing Hazardous Waste stockpile, capping of new stockpile, construction of drainage network, construction of collection pond for Rainwater Collection & Construction of New Boundary Wall at a total estimated project cost of Rs. 15 crores.

Open tender was called for selecting suitable agency for Project Management Consultancy Services including Bid Management for the Implementation of the Interim Remedial Measure at the Chrome Contaminated Site.

Further, the Government vide G.O.(Ms) No.218 ECC&F Department dated 22.12.2022 has constituted a committee under the Chairmanship of the Additional Chief Secretary to Government, Environment, Climate Change & Forest Department for monitoring the implementation of the remediation process to resolve the issue of chromium contaminated site at Ranipet.

The Board selected the agency M/s. Chennai Environmental Management Company of Tanneries (CEMCOT) at a cost of Rs.46,02,000.00/- vide letter dated 11.11.2024 for project and bid management services for identifying a suitable agency to carry out interim remediation work and tender was floated for selecting suitable agency for execution of Interim Remediation at M/s TCCL.

10.7 Remediation of Mercury Contaminated Site at M/s. Hindustan Unilever Limited (HUL), Kodaikanal

M/s. Hindustan Unilever Limited (HUL) at Kodaikanal (earlier in the name of M/s.Ponds India Limited) was in operation between 1984 - 2001 and manufactured clinical glass mercury thermometer. During March 2001, complaints were received about improper disposal of mercury contaminated glass scrap and the TNPCB issued closure order to the unit in March 2001.

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The mercury contaminated hazardous waste accumulated within the premises was fully exported to the recycler M/s. Bethlehem Apparatus Company at Pennsylvania, USA in year 2003. Later, in May 2006, the machineries used in the process were decontaminated scientifically on site. Environmental Site Assessment and Risk Assessment Studies, carried out in post closure of factory operations, reported the fact that soil within the factory premises is contaminated with mercury and soil remediation is to be carried out.

Based on the scientific studies, Site Specific Target Level (SSTL) was fixed as 20mg/Kg in the soil after remediation by Scientific Expert Committee, NEERI & CPCB. A case was filed before the Hon'ble Principal Bench of the NGT and the Hon'ble Supreme Court challenging the remediation standard of 20 mg/kg. Both the Hon'ble Principal Bench of the NGT and the Hon'ble Supreme Court has agreed with the Site-Specific Target level of 20mg/Kg (total mercury) for Kodaikanal contaminated area vide its order dated 01.11.2018 & 05.03.2019 respectively.

NEERI has recommended five stages process which involves viz., Soil Excavation, Washing, Retorting, Homogenisation and Backfilling for the site remediation. Board has issued consent for carrying out the soil remediation valid for the period upto 31.03.2024. The soil remediation work at the premises is being carried out under the supervision of National Environmental Engineering Research Institute (NEERI).

The TNPCB has constituted Scientific Expert Committee (SEC) during September 2005 for the remediation of mercury contaminated site. The remediation works are being carried out under the monitoring & recommendation of SEC members, CPCB & TNPCB officials.

The unit has completed remediation of the delineated contaminated areas totalling 17858 m². In this regard, the IIT Madras has submitted the site remediation validation study report (Part-I) -Evaluating efficiency of remediation of contaminated soil in M/s HUL, Kodaikanal, Tamil Nadu and reported that the entire factory area, excluding building and area around the building has been remediated successfully and the treated soil meets the remediation criteria of 20 mg//kg at all sampled points and also stated that Part II of the study will be taken up after the building is demolished and the

soil below is checked and remediated covering the building and around the building of area about 5960m².

10.8 Remediation of Oil Contaminated Site at M/s. Bharat Petroleum Corporation Limited (BPCL), Tondiarpet, Chennai

An incident of oil leakage occurred in the year 2013 in the underground pipeline of Bharat Petroleum Corporation Limited (BPCL) at Tondiarpet while conveying petroleum products between Chennai Port and BPCL Tondiarpet storage terminal, Chennai district. BPCL disconnected the pipeline immediately and made inactive and engaged IIT Madras for carrying out field investigation and characterization of contamination. Further, contaminated ground water of 208 KL and floating oil of 7.3 KL at affected site were removed from 18 bore wells in the vicinity of the unit. As a part of remediation work, Two SVE (Soil Vapour Extraction) (SVE I & SVEII) system has been operated.

The Hon'ble NGT order dated 07.09.2022 in O.A. NO. 176/2013 (SZ) has closed the matter stating that (i) additional six-month time may be granted for completion of qualitative health study in affected area by ICMR with project funding from M/s BPCL by considering the constraint due to non-co-operation of public to complete the field study. (ii) M/s BPCL may discontinue the SVE-I system from present location and relocate the same to nearby residence area where petroleum compounds are reported in the groundwater. (iii) SVE-II system shall be operated for another 6 months or may be extended based on the performance assessment carried out by CPCB and TNPCB. (iv) M/s BPCL may direct to pump the groundwater in the affected area in regular interval and to treat the same in existing treatment system at least for 6 months.

The status of the remediation was reviewed by the officials of TNPCB & CPCB on 13.06.2024. About 98% of the TPH contamination has been removed from the site. Based on the meeting, BPCL was instructed to pump and treat the ground water at the rate of 15 KL/Day around the affected area continuously, install and operate carbon adsorption filter system instead of SVE-II system due to low TPH and collect samples at new reference monitoring wells in the upstream of the contaminated site.

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M/s. ICMR has submitted the final report of the health study titled “Health Impact of petroleum oil leak among the residents of Tondaripet, Chennai” with a recommendation to approach medical department as a way forward in this matter. In this regard, the health care facility of M/s. Sri Ramachandra Medical Centre, Chennai was addressed to obtain suggestions.

Further, the unit has reported the SVE system reinstallation using Carbon adsorption system job was awarded to M/s. Stratus Environmental Pvt Ltd., on 07.02.2025. Mobilisation and other preliminary activities are in progress.

10.9 Status of Announcements Made in the Assembly

Status of the Announcements made by the Hon’ble Minister for Environment on the floor of the Legislative Assembly during the budget demand for the year 2023-2024 is as follows:

S.No.	Announcement Detail	Status
1	Manali- Ennore Restoration and Rejuvenation Council (MERRC)	MERRC has been incorporated on 19.12.2024. A Dedicated Command Centre with two Flying Squads has been formed. Three Stakeholder meetings with line departments on 06.09.2024, 07.11.2024 & 10.01.2025 respectively. Manali Industries Association has planted 77,250 saplings so far.
2	Noise mapping in million plus cities of Tamil Nadu	Work order issued to IIT-M for installation of sensors in 15 zones of GCC. Installation works commenced at 6 zones of GCC such as Thiruvottiur, Manali, Madhavaram, Ambattur, Valasaravakkam & Sholinganallur

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S.No.	Announcement Detail	Status
3	Upgradation of TNPCB Laboratories with portable (handheld) / sophisticated instruments for air and water analysis	Completed
4	Pollution abatement in Coastal Districts of Tamil Nadu under TN shore project	Under Progress
5	Plastic Waste Collection Drive Every Month in All Districts	The first, second, and third programs were conducted on 25.01.2025, 22.02.2025 and 22.03.2025 respectively. 271 tonnes plastic collected out of which 178 tonnes plastic were sent to recycling and co-processing facilities.
6	TN Kurunkadugal Thittam- Promoting 1000 native groves by industrial units to fight climate change	1000 Kurungadugal has been developed. Geo-tagging completed for 4 regions and third-party evaluation will be done by TNAU.
7	Setting up of Research and Development Center	Tamil Nadu Police Housing Corporation (TNPHC) is overseeing the project. Documentation required for CMDA has been prepared.
8	TN Fishnet initiatives (TANFI)	Collection center established at Kasimedu on 14.08.2025. A total of 13.3 Tonnes of discarded fishnets were collected and 10.71 tonnes sent to recycling facilities as on 31.03.2025.

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S.No.	Announcement Detail	Status
9	Environmental Protection Act, 1986 and NABL accreditation for Advanced Environmental Laboratories	NABL assessment completed and awaiting NABL Accrediation
10	Soil Quality Mapping will be done in and around the industrial areas of Tamil Nadu in collaboration with TNAU	Ongoing

10.10 Public Hearing

As per the Environmental Impact Assessment Notification, 2006, certain categories of industrial projects require prior Environmental Clearance (EC) from the Ministry of Environment, Forests and Climate Change, Government of India or State Environmental Impact Assessment Authority (SEIAA), which depends on the size of the project. As per the notification, TNPCB conducts public hearing headed by the District Collector. After conducting public hearing, inviting opinions from the public, the details of the minutes are sent to the MOEF, Government of India or SEIAA. During the period April 2024 to March 2025, public hearings were conducted for 199 projects and the details are being uploaded in the website www.tnpcb.gov.in

The details of significant public hearing conducted during the period April 2024 to March 2025 are as follows;

Sl. No.	Project Details	Date & Time
1	Development of industrial Park M/s. State Industries Promotion Corporation of Tamil Nadu Ltd, Adhagapadi Village of Dharmapuri Taluk & Adhiyamankottai, Thadangam and Balajangamanahalli Villages of Nallampalli Taluk, Dharmapuri District.	11.06.2024@ 11.00 AM
2	Proposed expansion of M.S. Billets& Rolled products from 108000 TPA to 576000 TPA along with the existing Sponge Iron (90000 TPA) and	07.08.2024@ 10.30 AM

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Sl. No.	Project Details	Date & Time
	Captive power plant (12 MW) in an additional land area of 15.32 Hectare, M/s.Noble Tech Industries Pvt Ltd, SF.No.12, 14, 17, 22, 23, 25, 51, 52, 53 & 57 (pt) Melpakkam Village, Uthiramerur Taluk, Kancheepuram District.	
3	Proposed Rough Stone & Gravel Quarry over an extent of 5.07.22 Ha, M/s. Sri Blue Metals Rough Stone & Gravel Quarry, S.F.No.76/1A & 76/1B(P), Chikkarampalayam Village, Mettupalayam Taluk, Coimbatore District.	21.08.2024@ 11.00 AM
4	Proposed Rough Stone Quarry lease over an extent of 5.00.0 Ha, M/s.SriNavaladiyan Engineers Rough Stone Quarry, S.F.No.679/2(P), Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District.	27.08.2024@ 11.30 AM
5	Proposed Rough Stone Quarry lease over an extent of 5.00.0 Ha, M/s.P.Balasubramanian Rough Stone Quarry, S.F.No.679/2 (Part-5), Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District.	27.08.2024@ 10.30 AM.
6	Proposed Expansion of Steel Rolling Mill & inclusion of Steel Melting Shop in the existing Steel Rolling Mill, M/s.Viki Industries Pvt Ltd, Plot No. D-19, SIPCOT Industrial Complex, Gummidipoondi in S.F.No.629 Part, 631 Part, 630/2 Part, 630/3 Part & 630/4, 632/4 Part, 634 Part Old Gummidipoondi Village, Gummidipoondi Taluk, Thiruvallur District-601201.	27.08.2024@ 10.30 AM
7	M/s. Dindigul Waste Management Pvt Ltd (CBMWTF), Over an extent of 0.7165 Ha (patta land), S.F.No.133/1A2, 154/11, Noothulapuram Village, Nilakkottai Taluk, Dindigul District.	28.08.2024@ 11.00 AM

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Sl. No.	Project Details	Date & Time
8	Proposed Rough Stone Quarry lease over an extent of 5.00.0 Ha, M/s. Thriveni Earth Movers Pvt Ltd, S.F.No.679/2(Part-3), Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District.	28.08.2024@ 10.30 AM
9	Proposed Rough Stone Quarry lease over an extent of 5.00.0 Ha, M/s. Thriveni Earth Movers Pvt Ltd, S.F.No.679/2(Part-4), Thorapalli Agraharam Village, Hosur Taluk, Krishnagiri District.	28.08.2024@ 11.30 AM
10	Proposed Rough stone & Gravel quarry extent of 8.34.40 Ha, M/s. S. Velu, Rough Stone & Gravel Quarry, S.F.No.196/2B(P), 197/2B(P), 195/2A(P), 195/2B(P) & 195/3(P) of Kasthuriengapuram Part-II Village, Tisaiyanvilai Taluk, Tirunelveli District.	29.08.2024@ 10.00 AM
11	Development of Berths I to IV (Outer) as Container Terminals including Dredging and Construction of Breakwater at VOC Port on DBFOT Basis, M/s.V.OChidambaranar Port Authority at Mullakadu Village, Thoothukudi Taluk and District.	03.09.2024@ 11.00 AM
12	Enhancement of Steel Melting Plant from 23720 TPA to 200000 TPA of MS Billets and Rolling Mill From 61200 TPA to 200000 TPA of Re-rolled Steel Products, M/s.Chennai United Metal Industries Pvt Ltd, S.F.No.997/1A, 1B, 1C and etc., of Sirupuzhalpettai Village and S.F.No.501/1, 2, 3A and etc., of Getnamallee Village, Gummidipoondi Taluk, Thiruvallur District – 601 201.	03.09.2024@ 10.30 AM
13	Proposed Manufacturing of Monoclonal antibodies with capacity of 520 Kg/Annum & Formulation products (Syringes & Vials) with capacity of 164000 Numbers/Month, M/s. Omexa Formulary Pvt Ltd, Plot No.27 & 28, In TANSIDCO Industrial Park, Pellakuppam Village, Tindivanam Taluk, Villupuram District.	18.09.2024@ 11.00 AM

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Sl. No.	Project Details	Date & Time
14	Proposed Grey Granite Quarry lease over an extent of 11.59.0 Ha, M/s. Karunai Granites Pvt Ltd, S.F.No.294/4, 295/2A, 295/2B, 295/2C, 298/2, 298/1C2, 301/1(P), 301/2 & 301/3A, Jagadevipalayam Village, Bargur Taluk, Krishnagiri District.	18.09.2024@ 12.00 Noon
15	Proposed Grey Granite Quarry lease over an extent of 34.35.5 Ha, M/s. Tamil Nadu Minerals Ltd Grey Granite Quarry, S.F.No.283(Part), Sulamalai Village, Bargur Taluk, Krishnagiri District.	26.09.2024@ 11.00 AM
16	Proposed Rough Stone & Gravel Quarry Cluster over an extent of 6.73.0 Ha, M/s. R. Kumar Rough Stone & Gravel Quarry, S.F.No.136/3, 142/1, 2A, 2B, 3, 4, 5A, 143/1, 2, 3, 144/1A, 1B, 1C, 3A, 3B, 3C, 4, 5A, 5B, 5C, 6, 7, 145/1, 2, 3, 146/9, 10A, 11, 147/2, 3, 4, 5, 6, 7, 8B, 9B, 10, 11A, 12A, 13, 148/2A(P) & 2B2, Udaiyalipatti Village, Kulathur Taluk, Pudukkottai District.	01.10.2024@ 11.00 AM
17	Proposed Mothaiyanur Limestone Mine- (G.O.No.76) over an extent of 8.00.5 Ha, M/s. The India Cements Ltd, S.F.No.48, 63 & 66 in Chinnagoundanur Village, Sankagiri Taluk, Salem District.	01.10.2024@ 10.30 AM
18	Proposed Mothaiyanur Limestone Mine- (G.O.No.211) over an extent of 50.84 Ha, M/s. The India Cements Ltd, S.F.No.15/1, 16/2, 18, 19/3, 19/4, 19/5B, 20/2B, 21, 22/1, 23/2, 23/3A, 24/2, 24/3, 24/4, 25/2, 25/3, 25/4, 32, 33/1A, 34/1, 34/5, 37/1,37/3, 37/4, 50/8, 50/9, 50/10, 51/2B, 51/3, 52/6B, 52/7B, 54/3B, 55/4, 62/4, 62/5, 64/4A, 67/1A, 68/1, 1654/1, 154/2 in Chinnagoundanur Village, Sankagiri Taluk, Salem District.	01.10.2024@ 10.30 AM

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Sl. No.	Project Details	Date & Time
19	Proposed project of Block Granite Quarry over an extent of 20.28.0 Hectares, M/s. Tamil Nadu Minerals Ltd, S.F.No.170/1, Siruvalai Village, Vikravandi Taluk, Villupuram District.	03.10.2024@ 11.00 AM
20	Proposed Multi Colour Granite Quarry of over an Extent of 8.96.6 Ha, M/s.Meenakshi Granites, S.F.Nos.348/1(P), 348/2(P), 348/5, 348/6, 349/1, 349/3, 349/4, 350/1, 350/2, 350/3, 350/5(P) & 350/6 of Karapadi Village, Sathyamangalam Taluk (now Nambiyur Taluk), Erode District.	17.10.2024@ 10.00 AM
21	M/s.Construction of barrage with head sluices across the River Coleroon (12 KM downstream of Lower Anicut) at RD 74/3 Mile in Adhanur Village of Kattumannarkoil Taluk, Cuddalore District with Cultural Command Area-6601 Ha (53 Numbers Villages) and Kumaramangalam Village of Mayiladuthurai Taluk & District with Cultural Command Area-2558 Ha (35 Numbers Villages) with total Cultural Command Area-9159 Ha for Ayacut Development through North and South Rajan Canals.	23.10.2024@ 11.00 AM
22	M/s.Construction of barrage with head sluices across the River Coleroon (12 km downstream of Lower Anicut) at RD 74/3 Mile in Adhanur Village of Kattumannarkoil Taluk, Cuddalore District with Cultural Command Area - 6601 Ha (53 Nos. Villages) and Kumaramangalam Village of Mayiladuthurai Taluk & District with Cultural Command Area - 2558 Ha (35 Nos. Villages) with total Cultural Command Area - 9159 Ha for Ayacut development through North and South Rajan Canals.	29.10.2024@ 11.00 AM

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Sl. No.	Project Details	Date & Time
23	Proposed standalone cement grinding unit of 500 TPD, M/s.Sakthipriyan Cements, Survey Numbers:30/2, 30/3, 30/4, Dheevanur Village, Tindivanam Taluk, Villupuram District.	13.11.2024@ 11.00 AM
24	Proposed Limekankar Quarry over an extent of 57.36.0 Ha, M/s. The Ramco Cements Ltd, S.F.No.204/10, 204/11, 204/12, 204/13, 204/14, 204/15, & etc., in Ottakovil Village, Ariyalur Taluk, Ariyalur District.	19.11.2024@ 11.00 AM
25	Proposed Amalgamation of Periyagalur Limestone Mines over an extent of 53.32.0 Ha, M/s.The Ramco Cements Ltd, S.F.No.51/2, 51/3, 51/4, 51/5A, 51/5B, 51/C & etc., in Periyagalur Village, AriyalurTaluk , Ariyalur District.	22.11.2024@ 11.00 AM
26	Proposed only for stocking the mined material or dumping the waste/reject material or for parking vehicles or establishing mine office, M/s.Sundramoorthy, S.F.Nos.88/1, 88/2A, and 88/4A over an extent of 1.63.98 Ha(Mining Area) and Block-II, S.F.No.75/6, 75/7, 75/8, 75/9, 85/1, 2 over an etent of 0.72.0 Ha, Nelvaipalayam Village, Cheyyur Taluk, Chengalpattu District.	03.12.2024@ 11.00 AM
27	Proposed Rough Stone & Gravel Quarry over an extent of 10.49.36 Ha, M/s.N.T.Saisada Rough Stone & Gravel Quarry, S.F.No.151(Part) & 152/4 of Kurmbapalayam Village, Sathyamangalam Taluk, Erode District.	04.12.2024@ 11.00 AM
28	Proposed (1*660MW) Ennore TPS Expansion Project M/s. Tamil Nadu Generation and Distribution Corporation (TANGEDCO), Government of Tamilnadu, Eranavur Village, Thiruvottiyur Taluk, Chennai District.	20.12.2024@ 11.00 AM

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Sl. No.	Project Details	Date & Time
29	Proposed Expansion of Poly Vinyl Chloride (PVC) Paste Resin from 66000 TPA to 145000 TPA, M/s.ChemplastSanmar Limited, Mettur Taluk, Salem District.	23.12.2024@ 11.30 AM
30	Proposed Expansion of Refrigerant Gases Manufacturing unit, M/s.ChemplastSanmar Limited, Mettur Taluk, Salem District.	23.12.2024@ 11.00 AM
31	M/s.K.Sakthivel Multi Coloured Granite Quarry, Over an Extent of 251.5 Hectares, S.F.No.351, Nallur Village, Kulithalai Taluk, Karur District.	24.12.2024@ 12.00 PM
32	Proposed Colour Granite Quarry lease over an extent of 27.04.5 Ha, M/s.Tamil Nadu Minerals Limited, S.F.No.486(Part) & 736/4, Jakkery Village, Denkanikottai Taluk, Krishnagiri District.	07.01.2025@ 11.00 AM
33	Proposed Expansion of Coal Based Co-Gen Thermal Power Plant from 4.6MW to 14.6MW, M/s.ApolloTyres Ltd (Captive Power Plant), S.F.No.491, Plot No. B-25, SIPCOT Industrial Growth Centre-Oragadam, Mathur Village, Sriperumbudur Taluk, Kancheepuram District.	20.02.2025@ 10.30 AM
34	Proposed Rough Stone & Gravel Quarry over an extent of 5.53.0 Ha, M/s.A K Blue Metals Pvt Ltd, S.F.Nos.204/1, 204/2, 204/3, 205, 206/1, 206/2, 206/3, 206/4, 206/5, 206/6, 206/7, 206/8, 206/9, Periyavenmani Village, Maduranthagam Taluk, Chengalpattu District.	05.03.2025@ 11.00 AM
35	Proposed Expansion of Ramasamy Raja Nagar Cement plant by inclusion of Revamped Old Line-II Operations to existing Lines I & III (Operations of all 3 existing lines, as upgraded) &Increasing the operational days from 320 days to 345 days. Production Enhancement of Clinker from 1.44	11.03.2025@ 11.00 AM

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Sl. No.	Project Details	Date & Time
	MTPA to 2.76 MTPA & Cement from 2.70 MTPA to 4.00 MTPA, M/s. The Ramco Cements Ltd, Thammanayakkanpatti & Vachchakarapatti Villages, Virudhunagar Taluk & District	
36	7 Proposed Rough Stone & Gravel Quarry over an extent of 13.89.40 Ha, M/s.Kodangipalayam & Ichipatti Rough Stone & Gravel Quarries- Cluster, S.F.Nos.35/2B, 35/2C, 27/2A, 63/3A(Part), 54/1(Part), 55/1A1(Part), 38/3, 39/1, 26/2, 26/3, 26/4, 26/5A, 26/5B, & 11/2A of Kodangipalayam Village 150/2A, 150/2C, 150/2D & 150/2E of Ichipatti Village, Palladam Taluk, Tiruppur District.	27.03.2025@ 11.00 AM

10.11 Complaint Cell

10.11.1 General Online Complaints

Due to increased environmental awareness and awareness on pollution control legislation, several complaints are being received from individuals / organizations / NGOs etc. regarding water, air and noise pollution. To take appropriate action against these complaints, a Complaint section is functioning in the TNPCB, Corporate Office, Chennai.

For easy access to the Public and others a separate toll-free number 18004256750 and an E-mail ID (complaint@tnpcb.gov.in) is allotted for receiving complaints and guidance. The complaints are investigated by the field officers of the TNPCB and the action taken report is sent to the complainant.

As a part of e-governance, the TNPCB has implemented online grievance petition redressal system (OLGPRS) (www.pcbolgprs.in) from 1st March 2016 onwards. The status of complaint can also be tracked through online. During the period 2024-25, 3597 complaints were received, investigated and disposed off.

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10.11.2 Integrated and Inclusive Public Grievance CM Helpline Management System (IIPGCMS)

The Board had established a separate section in the Head Office to attend IIPGCMS complaints. From 1stApril 2024 to 31stMarch 2024, 3199 petitions were disposed off.

10.12 Funding to Other Departments

Based on the instructions received from Government in the meeting held on 25.07.2022, TNPCB approved to fund an amount of Rs.496.64 Crores for the following pollution control and environmental conservation projects vide B.P. No.82, dated 22.10.2022 to be carried out by other Government Departments and three flagship missions.

The following pollution control and environmental conservation projects are being funded by the TNPCB from April 2024 to March 2025.

Statement showing details of funding to other Departments as on 31.03.2025					
Sl. No.	Name of the Scheme	Amount (in Crore) for the year	Amount Released (in Crore)	G.O. No. & Date	Proceeding No.
Department of Forests					
1	Green Tamil Nadu Mission (GTM)	50 (2024-2025)	50	G.O. (Ms) No. 169 ECCF FR.6 Dt. 18.11.2023	10.01.2025
2	Nilgiri Tahr (Total – 25.14 Crores)	2.02 (2022-2023)	0.6*	G.O (Ms) No. 222 ECCF (FR.5) Dept dated 28.12.2022	18.10.2024
		14.39 (2023-2024)	1.442		04.11.2024
3	Establishment of Wildlife rescue and	19.5 (2022-2023)	14.7728	G.O (D) No.11 ECCF (FR.5) Dept dated	21.08.2024

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Statement showing details of funding to other Departments as on 31.03.2025					
Sl. No.	Name of the Scheme	Amount (in Crore) for the year	Amount Released (in Crore)	G.O. No. & Date	Proceeding No.
	rehabilitation centre			12.01.2024	
4	Turtle Conservation and Rehabilitation Centre, Chennai	6.3 (2023-2024)	0.2478	G.O (Ms) No. 20 ECCF (FR.5) Dept dated 20.01.2023	09.08.2024
5	Two-day event for Kannagi Nagar Green Ambassadors, Pondicherry	0.0325 (2024-2025)	0.0325	D.F.O. Cennai Letter C. No. 2859/2023 P, dated 23.10.2024	08.10.2024
6	Two-day event for Kannagi Nagar Green Ambassadors, Coimbatore	0.0375 (2024-2025)	0.0375		17.10.2024
7	Development of mobile app for the implementation of E-Pass system in Nilgiris and Dindigul District	0.29 (2024-25)	0.29	G.O (D) No.44 ECCF (FR.9) Dept dated 17.02.2025	24.03.2025

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Statement showing details of funding to other Departments as on 31.03.2025					
Sl. No.	Name of the Scheme	Amount (in Crore) for the year	Amount Released (in Crore)	G.O. No. & Date	Proceeding No.
8	Establishment Shola Conservation Centre at Cairn Hill Area	4.60	4.60	G.O (Ms) No. 101 ECCF (FR.9) Dept dated 18.06.2024	28.02.2025
9	Study on carrying capacity of the Nilgiris and Kodaikanal	1.84	1.84	G.O (D) No.209 ECCF (FR.9) Dept dated 29.10.2024	29.01.2025
Department of Environment					
10	Green School	4.4 (2023-2024) II phase	4.4	GO(Ms) No.140 ECCF Dept. dated 18.01.2024	05.09.2024
		20 (2024-2025)	20	GO(Ms) No. 156 ECCF (EC.1) Dept. dated 13.09.2024	10.12.2024
11	Establishment of Tamil Nadu Climate Change Mission (TNCCM)	2.5 (2023-24)	2.5	G.O (D) No.06 ECCF (EC.2) Dept dated 04.01.2023	03.04.2024

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Statement showing details of funding to other Departments as on 31.03.2025					
Sl. No.	Name of the Scheme	Amount (in Crore) for the year	Amount Released (in Crore)	G.O. No. & Date	Proceeding No.
12	TNCCM – “Lifestyle for Climate” under Mission Life	0.5 (2023-2024)	0.5	GO(Ms) No. 218 ECCF (EC.4) Dept. dated 14.11.2023	09.08.2024
	Total	126.41	101.2626		

10.13 Construction Wing

The Board is having a construction wing at Head Office, which is coordinating with new building construction works, maintenance works to the existing buildings and other amenities required for the district office buildings located all over Tamil Nadu. The Board is having Head Office at Chennai and 44 District & 9 JCEE Offices in the State. The Head Office is functioning in own building since 1994. Among the 44 District Offices, 30 offices are functioning in own building. Offices of the JCEE’s (M) and the laboratories are housed in the respective district office buildings.

The status of District Office buildings are as follows:

Sl.No.	Status of own buildings	No. of buildings	Location of O/o. DEE
1	Functioning in the Own buildings	30	Ambattur, Chennai, Maraimalai Nagar, Sriperumbudur, Thiruvallur, Trichy, Pudukottai, Thanjavur, Cuddalore, Vellore, Villupuram, Hosur, Vaniyambadi, Coimbatore (North), Coimbatore (South), Madurai, Sivagangai, Dindigul, Namakkal,

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			Perundurai, Tirunelveli, Thoothukudi, Virudhunagar, Ariyalur, Nagapattinam, Erode, Thiruvannamalai, Gummidipoondi Dharmapuri and Salem
2	Buildings under construction	4	Nagercoil, Theni, Tiruppur (N) & Tiruppur (South)
3	Land purchased	2	Ramanathapuram & Kumarapalayam
4	Land identification / Procurement under process	2	Ooty & Karur

10.14 Right to Information Act

The Right to Information Act, 2005 empowers every citizen to seek any information, take notes, extracts or certified copies of documents or records; take certified samples of material. RTI Act confers right to access to information held by a public Authority.

The TNPCB is having a separate cell at Head Office to deal with RTI Act applications. In pursuance to the directions of Government of Tamil Nadu, TNPCB designated Additional Chief Environmental Engineer in the Head Office as State Information Officer (Appellate Authority). Further, the Board has nominated Joint Chief Environmental Engineer in the Head Office and District Environmental Engineers in 44 District Offices as Public Information Officers to provide information to the person requesting information under the Right to Information Act, 2005. The board has made provision to receive online RTI application from 22.09.2025 through <https://rtionline.gov.in/RTIMIS/login/website>.

During the year 2024-25, a total of 643 RTI applications and 173 first appeals including both online and offline were received and necessary information was provided to all applicants.

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RTI details from April, 2024 to March, 2025 are as follows;

SI.No.	Month	P.I.O.	Appeal
1	January	52	18
2	February	64	12
3	March	35	14
4	April	42	11
5	May	42	21
6	June	191	17
7	July	55	10
8	August	37	15
9	September	29	13
10	October	35	11
11	November	25	20
12	December	36	11
Total		643	173
Grand Total		816	

10.15 Library

The Board Library was established in 1989. At present, the library has a collection of about 12,362 books and reports. The collections are classified under Dewey decimal classification. The collection comprises of documents related to the field of Environmental Protection, Air Pollution, Vehicular Pollution, Water Pollution, Noise Pollution, Wastewater Treatment, Solid Waste Management, Hazardous Waste Management, Bio Medical Waste, Environmental Engineering, Industrial Pollution, Chemical Technology, Disasters, Soil, Energy, Pesticides, Biotechnology, Environmental Health, Environmental Economics, Environmental Chemistry, Environmental Impact Assessment, Environmental Education, Sustainable Development, Women and Environment, Environmental Law and Forestry. Library subscribes for 10 Journals, 16 Newspapers and 10 Magazines. Besides this, Annual Reports, Newsletters, Bulletins and Reports that are received from different institutions (Indian & Foreign) are also present in the library. Back volumes of the journals are bound and kept for reference in the Periodical Section. Membership is

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open to students and public who are involved in the field of pollution control and environmental protection. Readers are also provided with photocopying facilities.

School and college students, research scholars, lectures and professors, professionals, NGOs, industrialists and other Government Department officials and people involved in environmental protection field use to refer the library. The Readers, not only from Chennai but also from all over Tamil Nadu and from neighbouring States visit the library.

10.16 Environmental Statement

Under the Rule 14 of the Environment (Protection) Rules, 1986, submission of Environmental Statement is made compulsory for every industry covered under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981 or the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016. Industries are required to submit Environmental Statement for the financial year ending 31st March every year in the prescribed format in Form-V before 30th September every year to the State Pollution Control Board. The Board receives Environmental Statements from industries, assesses the water, energy and other resources consumption and their efforts in reducing the pollution levels. Based on the finding, the industries are addressed to improve the systems.

10.17 TNPCB's Online Services

As a part of ease of doing business and transparency in service to the industries and public, the TNPCB has computerized few activities by providing the following services through online.

Sl.No.	Online Module	Service
1.	Online Consent Management and Monitoring System (OCMMS)	Module for processing consent & authorization applications of industries
2.	Online Grievance Redressal System (OLGPRS)	Module for redressal of Public Complaints
3.	Online Legal Case Management and Monitoring System (OLMMS)	Module for processing legal cases

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Sl.No.	Online Module	Service
4.	Open House Session	Module for public to register for open house session
5	Voluntary Green Rating of Industries	Voluntary mechanism that recognizes for their environmentally sustainable practices.
6	Online Waste Exchange Bureau	A Centralized platform for trading wastes

10.17.1 Integration of Single Window Portal with OCMMS

The Tamil Nadu Single Window Portal (TNSWP) covers multiple Government departments/ agencies with an aim to improve ease of doing business for investors in Tamil Nadu. During the period from April 2024 to March 2025, TNPCB received 150 consent/authorization applications through TNSWP of which 144 applications were approved, 3 applications were pending and 3 applications were returned by the TNPCB. TNPCB also takes special attention to follow-up on the returned/rejected applications.

10.18 Sustainable Development Goals

The Sustainable Development Goals (SDGs) are an inter-governmental agreed set of targets relating to international development to end poverty, protect the planet and ensure that all people enjoy peace and prosperity. SDG covers 17 goals and 169 targets as resolved in the UN Summit held in September 2015. India is a signatory of the 2030 Agenda, committed to achieve SDGs. The Goals, Targets and Indicators related to TNPCB and the present status are as follows:

Goal – 6 ‘Clean Water and Sanitation’: Ensure availability and sustainable management of water and sanitation for all

Under this Goal, TNPCB will work to improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials. Efforts shall also be taken to substantially increase recycle and reuse. In this regard, percentage of industries complying with waste water treatment is set as one of the indicators. The TNPCB mandates highly

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polluting industries to achieve ZLD system for trade effluents with an aim to recycle treated wastewater

Goal – 9 ‘Industry, Innovation and Infrastructure’: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

This Goal is to promote inclusive and sustainable industrialization by 2030. The Goal mandates to significantly increase industries share of employment and gross domestic product in line with national circumstances and double its share in least developed countries. Towards this, the target is measured with an important indicator relating to measurement of ambient air quality parameters. The TNPCB is continuously making efforts to achieve this indicator effectively.

Goal – 12 ‘Sustainable Consumption and Production’: Ensure sustainable consumption and production patterns

Under this Goal, it is mandated to achieve significant reduction in the release of harmful chemicals and wastes by 2020. The target is measured by an indicator relating to environmental quality monitoring through monitoring stations. At present, TNPCB monitors water quality of inland water bodies at 177 stations and ambient air quality at 120 stations.

Goal – 13 ‘Climate Action’: Take urgent action to combat climate change and its impacts

The Goal is to improve education, raise awareness among humans and build institutional capacity on climate change mitigation, adaptation, impact reduction and early warning. The TNPCB conducts training programme through its Environmental Training Institute (ETI) and awareness programme through the District Environmental Engineers on a regular basis. During the period 2024-25, 23 training programmes and awareness programmes were conducted and 769 officials trained.

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The data for the indicators that are relevant to TNPCB is presented in the table below										
Sub category	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Goal 6: Clean Water and Sanitation										
Target 6.3: By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated waste water and substantially increasing recycling and safe use globally										
Indicator 6.3.2: Percentage of industries (17 category of highly polluting industries / grossly polluting industry / red category of industries) complying with waste water treatment										
---	96%	96.5%	97%	97.97%	98.5%	98.6%	99%	99.22%	99.7%	99.74%

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Goal 9: Industry, Innovation and Infrastructure

Target 9.4: By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities.

Indicator 9.4.1a: Number of air quality monitoring stations

	36	36	38	38	38	87	87	87	87	120
---	(28 under NAMP + 7 CAAQMS + 1 Mobile CAAQMS)	(28 under NAMP + 7 CAAQMS + 1 Mobile CAAQMS)	(28 under NAMP + 9 CAAQMS + 1 Mobile CAAQMS)	(28 under NAMP + 9 CAAQMS + 1 Mobile CAAQMS)	(28 under NAMP + 9 CAAQMS + 1 Mobile CAAQMS)	(52 under NAMP + 34 CAAQMS + 1 Mobile CAAQMS)	(52 under NAMP + 34 CAAQMS + 1 Mobile CAAQMS)	(52 under NAMP + 34 CAAQMS + 1 Mobile CAAQMS)	(52 under NAMP + 34 CAAQMS + 1 Mobile CAAQMS)	(85 under NAMP + 34 CAAQMS + 1 Mobile CAAQMS)

NAMP – National Air Quality Monitoring Programme

CAAQMS – Continuous Ambient Air Quality Monitoring Station

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Goal 12: Responsible consumption and production

Target 12.4: By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment

Indicator 12.4.2a: Quality monitoring by introduction of monitoring stations across the State

No. of ambient air quality monitoring stations functioning	36 (28 under NAMP + 7 CAAQMS + 1 Mobile CAAQMS)	36 (28 under NAMP + 7 CAAQMS + 1 Mobile CAAQMS)	38 (28 under NAMP + 9 CAAQMS + 1 Mobile CAAQMS)	38 (28 under NAMP + 9 CAAQMS + 1 Mobile CAAQMS)	38 (28 under NAMP + 9 CAAQMS + 1 Mobile CAAQMS)	87 (52 under NAMP + 34 CAAQMS)	87 (52 under NAMP + 34 CAAQMS)	87 (52 under NAMP + 34 CAAQMS)	87 (52 under NAMP + 34 CAAQMS)	120 (85 under NAMP + 34 CAAQMS)

X.OTHER IMPORTANT MATTERS DEALT BY TNPCB

No. of water quality monitoring stations functioning	94 (55 under GEMS & MINARS + 30 under CCWMP + 9 under CWQMS)	94 (55 under GEMS & MINARS + 30 under CCWMP + 9 under CWQMS)	97 (55 under GEMS & MINARS + 30 under CCWMP + 12 under CWQMS)	99 (55 under GEMS & MINARS + 30 under CCWMP + 14 under CWQMS)	89 (58 under GEMS & MINARS + 30 under CCWMP + 1 under CWQMS)	194 (113 under NWMP + 64 under NRCP + 17 under CCWM)	175 (158 under NWMP + 17 under CCWM)	177 (158 under NWMP + 19 under CCWM)	177 (158 under NWMP + 19 under CCWM)
No. of ambient noise monitoring stations functioning	10 (under NANMNP)	10 (under NANMNP)	10 (under NANMNP)	10 (under NANMNP)	10 (under NANMNP)	10 (under NANMNP)	10 (under NANMNP)	10 (under NANMNP)	10 (under NANMNP)

X.OTHER IMPORTANT MATTERS DEALT BY TNPCB

Number of Rivers Monitored under national Water Quality Monitoring Programme	4	4	4	4	8	8	8	12	12	12
No. of non attainment cities identified	0	0	0	1	2	2	4	4	4	4
No. of CETPs functioning	35	35	35	35	36	36	33	36	34	35

X.OTHER IMPORTANT MATTERS DEALT BY TNPCB

No. of CETPs adopting ZLD systems	31	31	31	31	32	32	30	33	30	31
NAMP – National Air Quality Monitoring Programme; CAAQMS – Continuous Ambient Air Quality Monitoring Station GEMS – Global Environmental Monitoring System; MINARS – Monitoring of Indian National Aquatic Resources CCWMP – Chennai City Waterways Monitoring Programme; CWQMS – Coastal Water Quality Monitoring Stations NANMNP – National Ambient Noise Monitoring Network Programme										
Indicator 12.5.4: Per Capita Hazardous Wastes Generated										
---	8.95	5.31	7.99	12.88	13.37	10.96	11.38	15.8	18.2	15.5
Indicator 12.5.5: Ratio of processed quantity of hazardous waste sent to recycle to hazardous waste generated										
---	0.4	0.32	0.63	0.74	0.89	0.88	0.86	0.86	0.898	0.86

Goal 13: Climate Action										
Target 13.3: Improve education, awareness raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning										
Indicator 13.3.2: Capacity buildings and awareness campaigns										
Pollution control: No of persons covered in capacity building	1746	522	388	761	1689	327	863	1192	412	769
Pollution control: No of awareness campaigns conducted	100	109	111	172	190	193	196	732	886	1285

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ANNEXURES

ANNEXURE - I: ORGANIZATION CHART



ANNEXURES

ANNEXURE – II: OFFICES OF TNPCB

Annexure- II: Office of TNPCB

Sl.No.	Regional Offices (M)	DEE Offices
1	Chennai	1 Ambattur
		2 Chennai
		3 Thiruvallur
		4 Gummidipoondi
		5 Manali (MERRC)
2	Chengalpattu	6 Maraimalai Nagar
		7 Sriperumbudur
		8 Chennai South @ Velacherry
3	Coimbatore	9 Coimbatore (North)
		10 Coimbatore (South)
		11 Tiruppur (North)
		12 Tiruppur (South)
		13 Ooty
4	Cuddalore	14 Cuddalore
		15 Nagapattinam
		16 Thiruvavur
5	Madurai	17 Villupuram
		18 Madurai
		19 Theni
		20 Sivagangai
		21 Virudhunagar
6	Salem	22 Ramanathapuram
		23 Dindigul
		24 Erode
		25 Namakkal
		26 Perundurai
7	Tirunelveli	27 Salem
		28 Dharmapuri
		29 Kumarapalayam
		30 Tirunelveli
		31 Thoothukudi
8	Trichy	32 Nagercoil
		33 Tenkasi
		34 Trichy
		35 Ariyalur
		36 Pudukottai
9	Vellore	37 Thanjavur
		38 Perambalur
		39 Karur
		40 Vellore
		41 Hosur
		42 Thiruvannamalai
		43 Vaniyambadi
		44 Ranipet

Flying Squad Office

Chengalpattu

Erode

Salem

Tiruppur

Vellore

Manali (MERRC)

Ennore (MERRC)

Advanced Environmental Laboratories (AELs)

Chennai

Vellore

Cuddalore

Salem

Trichy

Coimbatore

Madurai

Tirunelveli

District Environmental Laboratories (DELs)

Ambattur

Manali

Maraimalai Nagar

Hosur

Perundurai

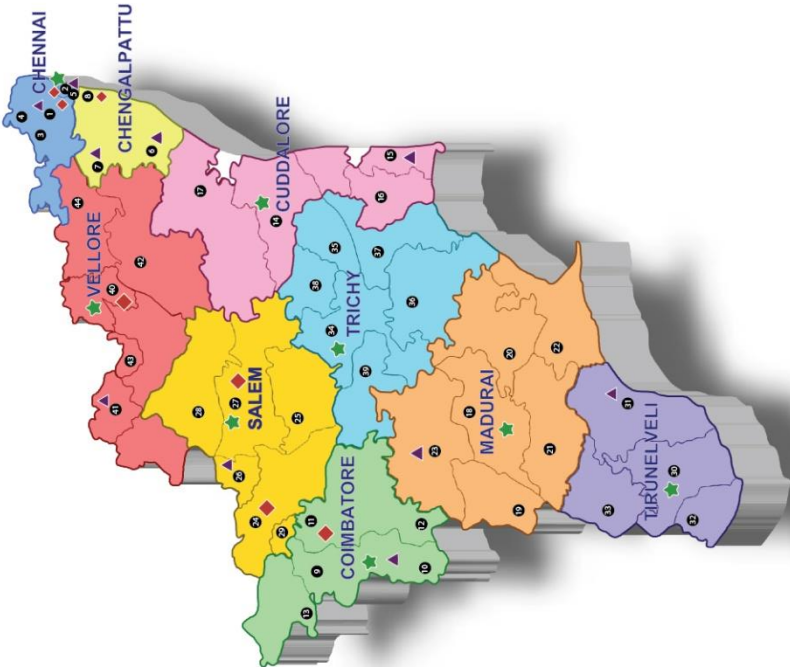
Tiruppur

Dindigul

Thoothukudi

Sripermbudur

Nagapattinam



ANNEXURES

ANNEXURE - III A: TNPCB LABORATORIES – PERFORMANCE EVALUATION FOR THE MONTH OF APRIL 2024 - MARCH 2025
WATER SAMPLES

Sl. No.		Name of the Laboratory	Water / Effluent Samples														
			Effluent	Sewage	NWMP		Pesticides	NRCP	Microbiology	CCWW/CRT	NGT	Idol immersion	Well water	River	Sludge	others	Total
					NEMP-water	Coastal											
1		AEL - CHENNAI	725	485	279	24	73	0	922	743	0	0	31	31	49	143	3505
2		AEL - COIMBATORE	1429	1218	38	2	0	0	0	0	0	81	166	22	0	7	2963
3		AEL - CUDDALORE	1012	664	91	30	0	0	0	0	0	61	206	0	14	1	2079
4		AEL - MADURAI	1024	678	190	10	0	26	0	0	0	111	452	0	8	88	2587
5		AEL - SALEM	1052	758	325	6	5	65	0	0	0	178	549	462	11	210	3621
6		AEL - TIRUNELVELI	878	422	216	129	0	0	0	0	0	78	129	0	0	36	1888
7		AEL - TRICHY	1194	1067	153	48	0	0	0	0	0	139	144	0	0	6	2751
8		AEL - VELLORE	1243	695	83	0	0	34	0	0	0	0	655	138	0	12	2860
9		DEL - AMBATTUR	2210	875	66	18	0	0	0	0	0	37	0	0	0	0	3206
10		DEL - DINDIGUL	1276	728	83	0	0	20	0	0	0	2	257	84	0	32	2482
11		DEL - HOSUR	823	609	0	0	0	0	238	0	0	0	44	216	0	0	1930
12		DEL - MANALI	1056	712	0	0	0	20	0	33	0	18	180	165	2	22	2208
13		DEL - M.M.NAGAR	945	937	0	76	0	0	0	0	0	0	335	0	0	6	2299
14		DEL -NAGAPATTINAM	72	93	12	35	0	6	0	0	0	30	25	3	7	0	283
15		DEL - ORAGADAM	985	627	0	0	0	0	0	0	0	0	0	0	0	0	1612
16		DEL - PERUNDURAI	2569	110	87	0	5	46	0	0	0	0	197	149	0	12	3175
17		DEL -THOOTHUKUDI	411	247	58	48	0	0	0	0	0	0	593	0	1	0	1358
18		DEL-TIRUPPUR	687	188	0	0	0	65	0	0	0	0	33	307	0		1287
Total			19591	11113	1681	426	83	282	1160	776	0	735	3996	1577	92	582	42094

ANNEXURES

ANNEXURE - III B: TNPCB LABORATORIES – PERFORMANCE EVALUATION FOR THE MONTH OF APRIL 2024 - MARCH 2025
AIR SURVEY / NOISE SURVEY

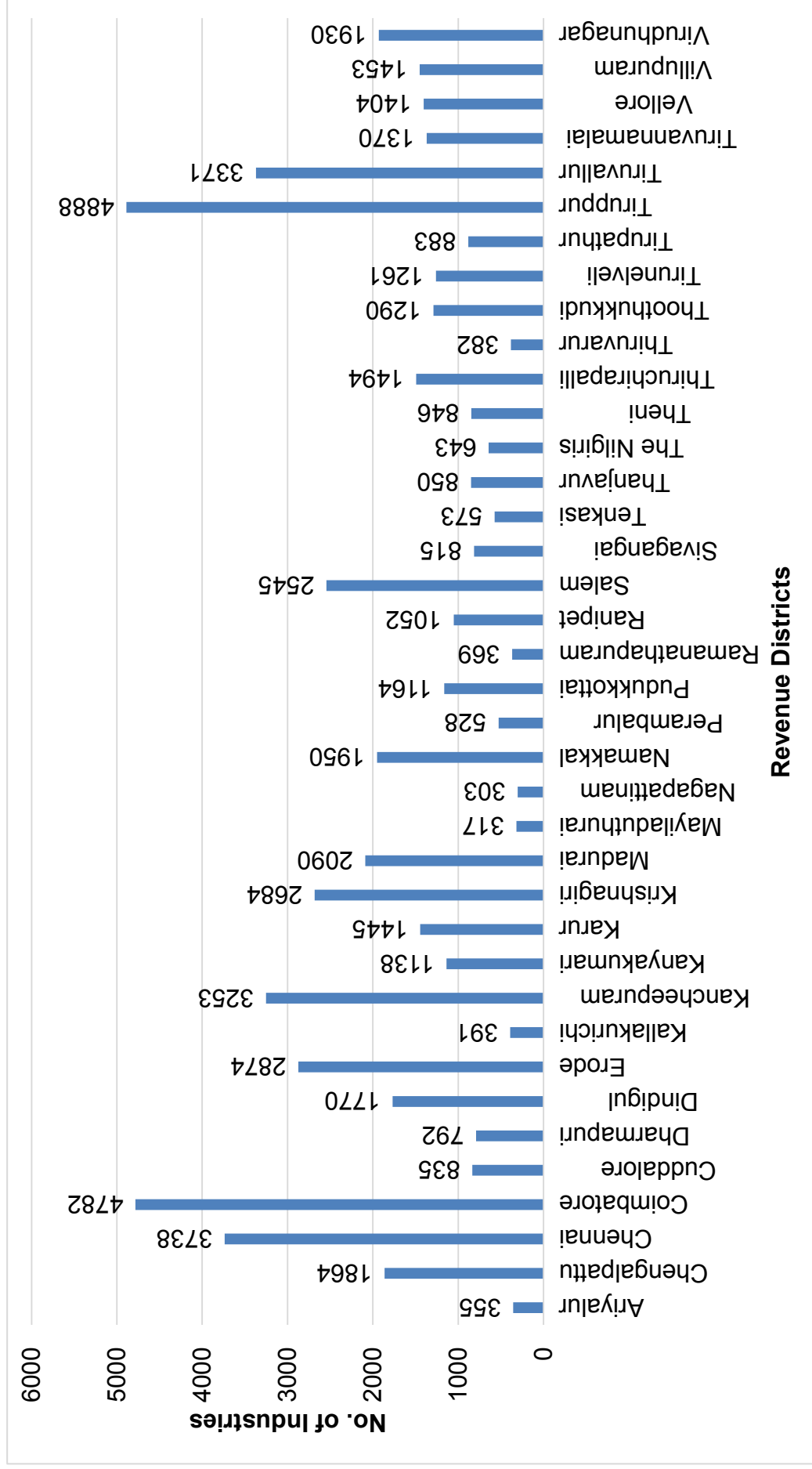
Sl. No.	Name of the Laboratory	Air Survey								Noise Survey Samples						
		No. of Industries		No. of AAQ Stations		No. of SM		NAMP				No. of Industries		No. of Points		
		Regular	Complaint	Regular	Complaint	Regular	Complaint	PM ₁₀	PM _{2.5}	SO ₂	NO _x	NH ₃	Regular	Complaint	Regular	Complaint
1	AEL- Chennai	108	1	758	6	588	4	1500	704	2855	2780	0	107	27	637	14
2	AEL- Coimbatore	117	7	590	27	376	1	997	331	1991	1991	1675	117	7	587	30
3	AEL- Cuddalore	103	5	518	15	317	3	2447	773	4894	4894	0	103	5	522	74
4	AEL -Madurai	61	3	349	17	183	1	2103	665	4206	4206	0	61	3	380	19
5	AEL -Salem	76	11	719	41	254	1	1977	662	4026	4026	3594	75	15	553	73
6	AEL- Tirunelveli	38	7	284	42	112	1	1530	527	2873	2873	2723	38	7	250	42
7	AEL -Trichy	129	0	904	0	331	0	3009	1003	6016	6016	864	128	4	620	24
8	AEL -Vellore	136	2	757	9	578	1	863	254	1720	1720	964	143	3	754	18
9	DEL -Ambattur	103	6	508	66	437	14	816	273	1632	1632	1632	103	3	505	15
10	DEL -Dindigul	74	10	586	42	232	0	1356	440	2712	2712	0	73	11	441	59
11	DEL -Hosur	131	9	752	56	732	2	0	0	0	0	0	130	8	642	45
12	DEL -Manali	82	4	490	13	260	0	0	0	0	0	0	82	4	467	36
13	DEL -M.M.Nagar	116	19	558	31	424	1	0	0	0	0	0	105	14	544	70
14	DEL- Nagapattinam	10	3	48	14	6	0	0	0	0	0	0	10	3	50	15
15	DEL-Oragadam	49	1	341	6	336	3	0	0	0	0	0	48	3	301	18
16	DEL -Perundurai	113	2	664	8	195	0	312	116	624	624	0	114	3	546	54
17	DEL -Thoothukudi	84	1	496	4	127	0	918	306	1836	1836	1836	77	8	387	40
18	DEL -Tiruppur	87	10	435	29	128	6	312	104	624	624	624	83	12	415	60
	Total	1617	101	9757	426	5616	38	18140	6158	36009	35934	13912	1597	140	8601	706

ANNEXURES

ANNEXURE – IV: STAFF STRENGTH OF TAMIL NADU POLLUTION CONTROL BOARD (YEAR WISE)

Year	Number of Industries	Staff Strength	Year	Number of Industries	Staff Strength
1981-82	5	17	2003-04	15637	726
1982-83	53	27	2004-05	17288	720
1983-84	93	55	2005-06	20598	709
1984-85	239	90	2006-07	23346	741
1985-86	474	148	2007-08	25919	741
1986-87	633	233	2008-09	28166	741
1987-88	861	246	2009-10	30848	729
1988-89	1154	426	2010-11	33390	729
1989-90	1512	499	2011-12	36162	715
1990-91	2267	611	2012-13	38775	737
1991-92	3033	680	2013-14	42694	774
1992-93	3737	659	2014-15	46233	748
1993-94	4239	638	2015-16	48901	714
1994-95	4880	630	2016-17	45707	673
1995-96	5605	631	2017-18	46256	607
1996-97	6707	636	2018-19	46805	562
1997-98	7681	696	2019-20	47353	505
1998-99	9016	708	2020-21	49524	569
1999-00	10034	727	2021-22	51666	549
2000-01	11281	745	2022-23	53837	644
2001-02	12766	739	2023-24	55624	626
2002-03	14220	732	2024 - 25	59692	609

ANNEXURE – V: NUMBER OF INDUSTRIES UNDER THE PURVIEW OF TNPCB (DISTRICT OFFICE WISE)



ANNEXURES

ANNEXURE – VI A: STATUS OF AIR QUALITY OF IMPORTANT CITIES/TOWNS OF TAMILNADU-UNDER NATIONAL AIR QUALITY MONITORING PROGRAMME (NAMP), ANNUAL AVERAGE CONCENTRATIONS OF AIR POLLUTANTS, 2024-2025

S.No.	City & Location	Category	Annual Average Concentrations of Air Pollutants in µg/m ³											
			SO ₂			NO ₂			PM ₁₀			PM _{2.5}		
			Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1	CHENNAI													
(a)	Kathivakkam	Industrial	15	11	13	20	15	18	66	48	57	35	24	29
(b)	Manali	Industrial	15	11	13	21	16	18	71	50	59	38	25	31
(c)	Thiruvottiyur	Industrial	15	11	13	21	16	19	68	48	57	35	24	29
(d)	Anna Nagar	Residential	12	7	10	22	17	19	60	52	56	24	18	21
(e)	Adyar	Residential	11	6	9	21	15	18	57	48	52	23	16	19
(f)	Kilpauk	Commercial (Traffic-intersection)	12	7	10	23	17	20	63	53	58	26	19	22
(g)	Thiyagarayanagar	Commercial (Traffic-intersection)	15	9	13	26	20	23	76	64	70	30	23	27
(h)	Nungambakkam	Commercial (Traffic-intersection)	14	10	12	25	19	23	69	59	64	28	21	25
	Annual Average Standard		50 µg/m³			40 µg/m³			60 µg/m³			40 µg/m³		

ANNEXURES

ANNEXURE – VI B: STATUS OF AIR QUALITY OF IMPORTANT CITIES/TOWNS OF TAMILNADU-UNDER NATIONAL AIR QUALITY MONITORING PROGRAMME (NAMP), ANNUAL AVERAGE CONCENTRATIONS OF AIR POLLUTANTS, 2024-2025 (CONT.)

S.No.	City & Location	Category	Annual Average Concentrations of Air Pollutants in µg/m ³											
			SO ₂			NO ₂			PM ₁₀			PM _{2.5}		
			Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1	THOOTHUKUDI													
(a)	NTPL Quarters	Residential	19	10	15	26	16	21	91	39	59	30	14	21
(b)	SIPCOT	Industrial	21	11	16	27	18	22	102	45	75	29	15	22
(c)	AVM Jewelers	Commercial	18	10	13	24	16	20	107	46	71	30	13	21
2	COIMBATORE													
(a)	District Collector's Office	Commercial	9	6	7	20	16	18	68	43	54	40	21	30
(b)	Kavundampalayam	Residential	9	6	7	21	15	17	67	39	52	39	19	28
(c)	SIDCO Building	Industrial	10	8	9	23	18	20	66	46	56	43	24	34
3	SALEM													
(a)	Siva Tower	Commercial	14	9	11	21	13	17	61	45	52	26	16	21
4	MADURAI													
(a)	Pitchai Pillai Chavadi	Industrial	23	19	21	30	26	29	69	58	63	23	15	19
(b)	Birla Guest House	Commercial	24	17	20	35	25	28	68	51	58	23	13	17
(c)	Hotel Tamil Nadu	Residential	19	15	17	27	22	25	61	49	54	18	10	14
	Annual Average Standard		50 µg/m ³			40 µg/m ³			60 µg/m ³			40 µg/m ³		

ANNEXURES

ANNEXURE – VI B (Cont.)

ANNEXURE – VI B: STATUS OF AIR QUALITY OF IMPORTANT CITIES/TOWNS OF TAMILNADU-UNDER NATIONAL AIR QUALITY MONITORING PROGRAMME (NAMP), ANNUAL AVERAGE CONCENTRATIONS OF AIR POLLUTANTS, 2024-2025 (CONT.)

S.No.	City & Location	Category	Annual Average Concentrations of Air Pollutants in µg/m ³											
			SO ₂			NO ₂			PM ₁₀			PM _{2.5}		
			Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
5	TRICHY													
(a)	Gandhi Park, Thennur	Residential	15	9	12	19	14	17	68	42	54	30	16	22
(b)	Main Guard Gate	Traffic-intersection	17	12	15	22	16	19	79	54	67	35	22	29
(c)	Bishop Heber College	Sensitive	14	9	11	18	14	15	64	44	53	28	17	22
(d)	Golden Rock	Residential	15	11	13	19	15	17	62	38	51	26	15	21
(e)	Trichy Corporation Annex Building	Traffic-intersection	17	12	15	20	16	18	71	47	59	31	19	25
6	CUDDALORE													
(a)	Eachangadu Village	Residential	23	20	22	28	26	27	51	45	48	22	17	19
(b)	Imperial Road	Commercial	32	27	29	37	32	34	70	56	61	31	22	27
(c)	SIPCOT	Industrial	28	25	27	33	28	32	66	56	61	31	22	26
7	METTUR													
(a)	Raman Nagar	Residential	9	7	8	20	16	18	46	36	41	22	16	19
(b)	SIDCO	Industrial	11	9	10	24	20	22	59	47	54	27	20	24
Annual Average Standard			50 µg/m ³			40 µg/m ³			60 µg/m ³			40 µg/m ³		

ANNEXURES

ANNEXURE – VI B: STATUS OF AIR QUALITY OF IMPORTANT CITIES/TOWNS OF TAMILNADU-UNDER NATIONAL AIR QUALITY MONITORING PROGRAMME (NAMP), ANNUAL AVERAGE CONCENTRATIONS OF AIR POLLUTANTS, 2024-2025 (CONT.)

Sl.No	City & Location	Category	Annual Average Concentrations of Air Pollutants in µg/m ³											
			SO ₂			NO ₂			PM ₁₀			PM _{2.5}		
			Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
8	TIRUVANNAMALAI													
a)	O/o. DEE, TNPCB	Commercial	10	7	9	15	11	13	57	30	45	25	12	18
b)	O/o Municipal Commissioner	Commercial	10	7	8	15	11	13	59	33	46	29	15	21
c)	O/o. Joint Director, Animal Husbandry Dept.	Residential	10	7	9	15	11	13	52	28	39	21	10	15
9	SIVAGANGAI													
a)	O/o DEE, TNPCB	Commercial	18	12	16	24	18	21	44	36	40	26	19	22
b)	SIDCO Industrial Estate	Industrial	20	17	18	25	21	23	60	52	56	32	23	28
c)	Muthu Mahal Campus, Bose Road	Commercial	25	19	22	31	25	28	73	62	68	38	30	34
10	THENI													
a)	Raghavan Colony	Residential	11	9	10	16	13	15	48	38	43	22	17	19
b)	SAR – Complex, Boobathipuram Road	Commercial	14	12	13	19	17	18	65	53	59	29	22	25
c)	SIDCO Complex, Aandipatti	Industrial	13	11	12	17	15	16	56	47	52	24	19	22
11	THIRUVARUR													
a)	Thiru.V.KaGovt.Arts College, NPM Road	Residential	15	11	13	17	13	15	44	37	40	17	11	14
b)	Govt. Medical College	Industrial	17	12	14	20	15	17	44	39	42	19	13	16
c)	New Bharath Matriculation HSS	Commercial	19	14	16	21	17	19	46	41	44	19	14	16
Annual Average Standard			50 µg/m³			40 µg/m³			60 µg/m³			40 µg/m³		

ANNEXURES

ANNEXURE – VI B: STATUS OF AIR QUALITY OF IMPORTANT CITIES/TOWNS OF TAMILNADU-UNDER NATIONAL AIR QUALITY MONITORING PROGRAMME (NAMP), ANNUAL AVERAGE CONCENTRATIONS OF AIR POLLUTANTS, 2024-2025 (CONT.)

Sl. No.	City & Location	Category	Annual Average Concentrations of Air Pollutants in µg/m ³											
			SO ₂			NO ₂			PM ₁₀			PM _{2.5}		
			Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
12	VILLUPURAM													
a)	O/o. DEE, Master Plan Complex, TNPCB	Commercial	22	17	19	31	25	28	64	49	58	31	19	25
b)	Govt. Medical College & Hospital	Industrial	24	18	21	31	26	29	68	57	60	34	24	30
c)	University College of Engineering	Residential	20	14	17	28	20	24	58	46	52	27	17	23
13	PERAMBALUR													
a)	Govt. Head Quarters Hospital	Sensitive	13	9	11	17	13	15	56	39	48	25	15	19
b)	Aavin Parlour Building	Commercial	16	11	14	20	15	18	67	46	59	29	17	24
c)	M.M. Nagar, Perambalur	Residential	16	11	14	20	15	18	67	46	59	29	17	24
14	DHARMAPURI													
a)	House Near Collector Office	Residential	8	7	8	20	16	18	44	37	40	23	19	21
b)	SIDCO Industrial	Industrial	11	9	10	25	20	23	53	48	51	24	21	23
c)	Siddha Veerappa Chetty Street	Commercial	10	7	8	20	16	18	55	42	49	25	19	22
15	NAGERCOIL													
a)	Anna University Campus	Industrial	16	13	15	22	19	21	70	54	62	32	24	27
b)	Scott Christian College	Residential	14	11	12	20	16	18	59	43	50	25	19	22
c)	Aavin Parlour Building	Commercial	16	12	14	21	18	20	67	50	57	28	22	25
Annual Average Standard			50 µg/m³			40 µg/m³			60 µg/m³			40 µg/m³		

ANNEXURES

Annexure – VII: MOBILE VAN SURVEY DETAILS FROM APRIL 2024 TO MARCH 2025

S.No.	Survey From	Survey To	Survey Location	Purpose of the Survey
1	01-Apr-24	02-Jul-24	TNPCB Office, Guindy	Halt for FC renewal work
2	10-Jul-24	13-Jul-24	Jasmine tower gate 3, Siruseri	Public complaint from Maraimalai Nagar DEE office
3	15-Jul-24	18-Jul-24	Jasmine tower gate 2, Siruseri	Public complaint from Maraimalai Nagar DEE office
4	18-Jul-24	18-Jul-24	M/S. TPL Pvt Ltd, Manali	Mock drill
5	18-Jul-24	22-Jul-24	Chennai Mathematical Institute, Siruseri	Public complaint from Maraimalai Nagar DEE office
6	22-Jul-24	23-Jul-24	M/S. Fourrts India Laboratories PvtLtd, Kelambakkam	Public complaint from Maraimalai Nagar DEE office
7	23-Jul-24	24-Jul-24	M/S. Softgel healthcare Pvt, Pudupakkam	Public complaint from Maraimalai Nagar DEE office
8	25-Jul-24	26-Jul-24	Perungudi Dump yard (STP), Pallikaranai	Public complaint from Velachery DEE office
9	26-Jul-24	27-Jul-24	Perungudi Dump yard (front gate), Pallikaranai	Public complaint from Velachery DEE office
10	29-Jul-24	30-Jul-24	M/S. Par formulations, Pudupakkam	Public complaint from Maraimalai Nagar DEE office
11	30-Jul-24	31-Jul-24	M/S. RK Industries, Pudupakkam	Public complaint from Maraimalai Nagar DEE office

ANNEXURES

Annexure – VII: MOBILE VAN SURVEY DETAILS FROM APRIL 2024 TO MARCH 2025 (CONT.)

S.No.	Survey From	Survey To	Survey Location	Purpose of the Survey
12	31-Jul-24	01-Aug-24	Appaswamy apartment, Siruseri	Public complaint from Maraimalai Nagar DEE office
13	01-Aug-24	02-Aug-24	Arihant frangipani apartments, Siruseri	Public complaint from Maraimalai Nagar DEE office
14	05-Aug-24	06-Aug-24	LA avenue, Pudupakkam	Public complaint from Maraimalai Nagar DEE office
15	07-Aug-24	08-Aug-24	Engineers Park, Pudupakkam	Public complaint from Maraimalai Nagar DEE office
16	08-Aug-24	10-Aug-24	Perungudi dump yard (STP), Palikaranai	Public complaint from Velachery DEE office
17	12-Aug-24	14-Aug-24	National institute of wind energy, Palikaranai	Public complaint from Velachery DEE office
18	19-Aug-24	20-Aug-24	RK Industries IV, Urupakkam	Public complaint from Maraimalai Nagar DEE office
19	24-Aug-24	27-Aug-24	M/s.MFL, Manali	JCEE Chennai
20	09-Sep-24	21-Sep-24	Perungudi dump yard (STP), Palikaranai	Public complaint from Velachery DEE office
21	23-Sep-24	27-Sep-24	National institute of wind energy, Palikaranai	Public complaint from Velachery DEE office
22	14-Oct-24	15-Oct-24	Perungudi dump yard (STP), Palikaranai	Public complaint from Velachery DEE office

ANNEXURES

Annexure – VII: MOBILE VAN SURVEY DETAILS FROM APRIL 2024 TO MARCH 2025 (CONT.)

S.No.	Survey From	Survey To	Survey Location	Purpose of the Survey
23	17-Oct-24	22-Oct-24	National institute of wind energy, Pallikaranai	Public complaint from Velachery DEE office
24	23-Oct-24	26-Oct-24	Corporation office, Nungambakkam	Chennai DEE office pre diwali survey
25	26-Oct-24	29-Oct-24	Victory Matric Hr. Sec. School, Thiruvottiyur	Public complaint from Manali DEE office
26	30-Oct-24	04-Nov-24	Corporation office, Sowcarpet	Chennai DEE office diwali survey
27	04-Nov-24	19-Nov-24	Victory Matric Hr. Sec. School, Thiruvottiyur	Public complaint from Manali DEE office
28	21-Nov-24	21-Nov-24	Sree Brindhavan Blue Metal, Erumaiyur	Public complaint from Oragadam DEE office
29	22-Nov-24	22-Nov-24	Magaganapati crusher, Erumaiyur	Public complaint from Oragadam DEE office
30	23-Nov-24	24-Nov-24	Residential area, Erumaiyur	Public complaint from Oragadam DEE office
31	25-Nov-24	27-Nov-24	Perungudi dump yard (STP), Pallikaranai	Public complaint from Velachery DEE office
32	27-Nov-24	29-Nov-24	National institute of wind energy, Pallikaranai	Public complaint from Velachery DEE office
33	11-Dec-24	12-Dec-24	Perungudi dump yard (STP), Pallikaranai	Public complaint from Velachery DEE office
34	19-Dec-24	21-Dec-24	ICSR Block, IIT Madras campus	Awareness Program
35	23-Dec-24	27-Dec-24	National institute of wind energy, Pallikaranai	Public complaint from Velachery DEE office
36	09-Jan-25	10-Jan-25	Times of India, Sholinganallur	Pre Bhogi survey
37	12-Jan-25	13-Jan-25	Times of India, Sholinganallur	Bhogi survey

ANNEXURES

Annexure – VII: MOBILE VAN SURVEY DETAILS FROM APRIL 2024 TO MARCH 2025 (CONT.)

S.No.	Survey From	Survey To	Survey Location	Purpose of the Survey
38	21-Jan-25	24-Jan-25	Perungudi dump yard (STP), Pallikaranai	Public complaint from Velachery DEE office
39	30-Jan-25	31-Jan-25	National institute of wind energy, Pallikaranai	Public complaint from Velachery DEE office
40	17-Feb-25	21-Feb-25	National institute of wind energy, Pallikaranai	Public complaint from Velachery DEE office
41	24-Feb-25	27-Feb-25	Perungudi dump yard (STP), Pallikaranai	Public complaint from Velachery DEE office
42	17-Mar-25	18-Mar-25	Nearby complainant house (M/s. Tinna Rubber and Infrastructure Pvt Ltd), Karambedu	Public complaint from Gummidipoondi DEE office
43	20-Mar-25	21-Mar-25	Perungudi dump yard (STP), Pallikaranai	Public complaint from Velachery DEE office
44	27-Mar-25	28-Mar-25	National institute of wind energy, Pallikaranai	Public complaint from Velachery DEE office

ANNEXURES

ANNEXURE - VIII A: AMBIENT AIR QUALITY OF TAMIL NADU DURING DEEPAVALI FESTIVAL 2024														
Sl. No.	Locations	Ambient Air Quality (24 hrs average) µg/m ³												
		Pre Deepavali Days 24.10.2024 to 30.10.2024						Deepavali Day - 31.10.2024						
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	AQI	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
I	Chennai City													
1	Besant Nagar (R)	10	19	54	20	24	31	210	96	220	8	18	57	20
2	T.Nagar (C)	14	26	73	29	17	25	180	91	203	12	21	71	26
3	Nungambakkam (R)	11	20	60	24	21	27	198	99	230	10	21	72	23
4	Triplicane(R)	11	20	62	21	19	28	192	89	197	9	19	62	21
5	Sowcarpet (C)	14	22	68	25	18	24	159	88	193	11	21	72	24
6	Valasaravakkam (R)	13	22	72	24	31	43	328	116	287	12	24	80	27
7	Tiruvottiyur (C)	10	18	54	20	19	27	136	75	150	8	18	58	18
	Major Towns													
II	Chengalpet													
8	Maraimalai nagar (R)	4	6	78	19	27	31	143	52	129	12	16	64	25
9	Pallavaram (C)	6	11	90	28	28	37	155	58	137	13	17	66	26
III	Coimbatore													
10	Kavundampalayam R)	7	16	45	20	23	48	138	73	143	9	18	65	36
11	District Collectorate (M)	8	18	51	23	19	39	127	68	127	9	19	63	36
IV	Cuddalore													
12	Imperial Road (C)	24	30	52	22	44	51	128	43	119	31	39	78	28
13	Collectorate Complex (R)	17	23	35	15	36	46	96	39	96	23	29	60	21

ANNEXURES

ANNEXURE - VIII A: AMBIENT AIR QUALITY OF TAMIL NADU DURING DEEPAVALI FESTIVAL 2024 (CONT.)

Sl. No.	Locations	Ambient Air Quality (24 hrs average) µg/m3													
		Pre Deepavali Days 24.10.2024 to 30.10.2024						Deepavali Day - 31.10.2024						Post Deepavali Days 01.11.2024 to 07.11.2024	
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	AQI	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	
V	Dindigul														
14	Collector Office Complex (R)	11	15	53	24	23	29	118	65	117	M	13	17	54	26
15	Urban Health Center (C)	12	16	61	27	25	31	129	86	187	M	14	19	60	29
VI	Hosur														
16	Municipal Corporation Office (R)	11	18	66	23	22	30	172	55	148	M	10	20	95	26
17	Kamaraj Nagar High School (C)	12	20	73	25	21	30	183	42	155	M	9	21	61	21
VII	Kancheepuram														
18	Little Kancheepuram (R)	7	15	75	29	16	33	240	75	193	M	7	14	63	24
19	IOB-Kancheepuram Bus Stand (R)	7	16	87	33	15	32	171	60	147	M	6	14	75	26
VIII	Madurai														
20	Thirunagar (R)	9	16	46	9	34	73	87	32	91	SF	8	18	43	9
21	Birla Vishram (M)	9	14	58	9	42	90	127	48	118	M	9	17	54	10
IX	Nagapattinam														
22	MRP Nagar (R)	7	18	94	34	13	45	174	59	149	M	9	24	118	27
23	Chekkadi Street (R)	6	15	57	26	11	36	137	43	125	M	7	15	56	16
X	Salem														
24	Sri Saradha Balamandhir Boys Matric Hr.Sec. School (R)	10	14	47	19	23	34	174	55	149	M	9	16	53	20
25	Siva Tower (C&I)	11	23	54	20	24	33	138	39	125	M	11	22	53	23

ANNEXURES

ANNEXURE - VIII A: AMBIENT AIR QUALITY OF TAMIL NADU DURING DEEPAVALI FESTIVAL 2024 (CONT.)																
Sl. No.	Locations	Ambient Air Quality (24 hrs average) µg/m3														
		Pre Deepavali Days 24.10.2024 to 30.10.2024					Deepavali Day - 31.10.2024					Post Deepavali Days 01.11.2024 to 07.11.2024				
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	AQI	PM ₁₀	PM _{2.5}	SO ₂	NO ₂		
XI	Tirunelveli															
26	Pettai (S)	15	20	75	31	18	23	112	39	108	M	14	20	77	29	
27	Tirunelveli Town (R)	13	19	69	28	16	22	107	37	105	M	13	19	69	26	
XII	Tirunelveli - Nagercoil															
28	Water Tank Road (M)	14	20	71	29	17	22	106	38	104	M	13	19	70	28	
29	Scott Christian College (R)	13	19	62	25	16	21	98	33	98	SF	12	18	64	24	
XIII	Trichy															
30	Gandhi Park (C)	14	18	43	17	19	27	120	62	113	M	14	19	50	20	
31	Bishop Heber College (R)	12	16	40	15	18	24	112	58	108	M	13	18	52	18	
XIV	Trichy - Thanjavur															
32	Teachers colony (M)	13	16	44	17	18	28	124	60	116	M	13	19	49	20	
33	Arokkiya Nagar (R)	12	15	36	13	18	26	108	50	105	M	12	17	39	15	
XV	Tiruppur															
34	Kumaran Complex (C)	12	20	58	33	17	28	82	38	82	SF	11	21	58	28	
35	Rayapuram (R)	9	18	49	25	19	30	149	47	133	M	11	20	57	25	
XVI	Thoothukudi															
36	Celseeni Colony (R)	12	16	50	18	19	26	197	75	165	M	11	16	45	17	
37	Rajiv Nagar (R)	9	14	43	13	18	24	185	77	157	M	10	14	50	16	

ANNEXURE - VIII A: AMBIENT AIR QUALITY OF TAMIL NADU DURING DEEPAVALI FESTIVAL 2024 (CONT.)

Sl. No	Locations	Ambient Air Quality (24 hrs average) µg/m3													
		Pre Deepavali Days 24.10.2024 to 30.10.2024					Deepavali Day - 31.10.2024					Post Deepavali Days 01.11.2024 to 07.11.2024			
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂		PM ₁₀	PM _{2.5}	SO ₂	NO ₂	AQI	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
XVII	Vellore														
38	Sathuvachari (I)	11	15	52	20	14	23	164	65	143	M	11	15	59	24
39	Gandhi Nagar (R)	11	15	53	21	15	22	136	59	124	M	10	14	52	20
	NAAQ Standards	100	60	80	80	100	60	80	80	-		100	60	80	80

ANNEXURES

ANNEXURE - VIII B: AMBIENT AIR QUALITY IN GREATER CHENNAI CORPORATION DURING PRE-BHOGI & BHOGI 2025

		Pollutants Concentration in $\mu\text{g}/\text{m}^3$ (24 hrs average) 8.00 am to 8.00 pm												
Zone No.	Name of the Zone	Station Location	SO ₂		NO ₂		PM ₁₀		PM _{2.5}		Pre-Bhogi	Bhogi		
			Pre-Bhogi	Bhogi	Pre-Bhogi	Bhogi	Pre-Bhogi	Bhogi	Pre-Bhogi	Bhogi				
			09.01.2025 to 10.01.2025	12.01.2025 to 13.01.2025	09.01.2025 to 10.01.2025	12.01.2025 to 13.01.2025	09.01.2025 to 10.01.2025	12.01.2025 to 13.01.2025	09.01.2025 to 10.01.2025	12.01.2025 to 13.01.2025				
I	Thiruvotriyur	Thiruvotriyur	11	14	15	19	56	102	30	66	56	102		
II	Manali	Manali	13	14	17	19	66	95	35	53	66	95		
III	Madhavaram	Thillai Nagar	12	15	18	24	67	191	28	70	67	161		
IV	Tondiarpet	Tondiarpet	13	16	18	25	73	190	36	68	73	160		
V	Royapuram	Royapuram	13	15	16	20	60	109	33	69	60	109		
VI	Thiru.Vi.Ka. Nagar	Thiru.Vi.Ka. Nagar	13	16	16	22	59	98	31	55	59	98		
VII	Ambattur	Ambattur	13	16	17	22	65	92	26	55	65	92		
VIII	Anna Nagar	Anna Nagar	12	11	26	40	74	104	30	56	74	103		
IX	Teynampet	T. Nagar	11	16	19	22	61	133	24	58	61	122		
X	Kodambakkam	Kodambakkam	13	14	23	44	67	160	28	83	67	177		
XI	Valasaravakkam	Zonal office	16	11	15	34	46	108	18	63	46	110		
XII	Alandur	Guindy Kathipara	9	12	19	39	53	112	26	62	53	108		
XIII	Adyar	Basant Nagar	10	15	20	22	43	112	28	67	47	124		
XIV	Perungudi	Thoraipakkam	12	14	18	21	45	107	21	65	45	116		
XV	Shozhinganallur	Shozhinganallur	13	14	15	19	56	102	30	66	56	102		
24-hour Standards			80 $\mu\text{g}/\text{m}^3$		80 $\mu\text{g}/\text{m}^3$		100 $\mu\text{g}/\text{m}^3$		60 $\mu\text{g}/\text{m}^3$					
Note: 0-50 - Good; 51-100 - Satisfactory; 101-200 - Moderately; 201-300 - Poor; 301-400 - Very Poor; 401-500 - Severe														

ANNEXURES

ANNEXURE – IX: STATUS OF WATER QUALITY UNDER NATIONAL WATER QUALITY MONITORING PROGRAMME (NWMP) FOR THE YEAR APRIL 2024 - MARCH 2025 – ADYAR & COOUM RIVER - NATIONAL WATER QUALITY MONITORING PROGRAMME

CLASSIFICATION OF THE WATER QUALITY AS PER THE DESIGNATED BEST USE

S. No.	Name of the Station	Station Code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
1	Ekkaduthangal	10034	E	E	E	E	E	E	E	E	E	E	E	E
2	Jafferkanpet	10035	E	E	E	E	E	E	E	E	E	E	E	E
3	MaraimalaiAdigalar Bridge	10036												
4	Kotturpuram Bridge	10038	E	E	E	E	E	E	E	E	E	E	E	E
5	Near Boat Club	10039	E	E	E	E	E	E	E	E	E	E	E	E
6	Anna Nagar	10040	E	E	E	E	E	E	E	E	E	E	E	E
7	Arumbakkam	10041	E	E	E	E	E	E	E	E	E	E	E	E
8	Aminjikarai	10042	E	E	E	E	E	E	E	E	E	E	E	E
9	Poonamallee	10043	E	E	E	E	E	E	E	E	E	E	E	E
10	College Road	10044	E	E	E	E	E	E	E	E	E	E	E	E
11	Near Central Jail	10045	E	E	E	E	E	E	E	E	E	E	E	E
12	Napier Bridge	10046	E	E	E	E	E	E	E	E	E	E	E	E

Designated Best Use (DBU)

CPCB - Water Quality Criteria

A - Drinking Water Source without conventional treatment but after Disinfection

B - Outdoor Bathing (Organised)

C - Drinking water source after conventional treatment and disinfection

D - Propagation of wildlife and fisheries

E - Irrigation, Industrial cooling, Controlled waste Disposal

ANNEXURES

ANNEXURE – X: STATUS OF CAUVERY RIVER - NATIONAL WATER QUALITY MONITORING PROGRAMME, NWMP - 2024-2025

CLASSIFICATION OF THE WATER QUALITY AS PER THE DESIGNATED BEST USE

S. No	Name of the Station	Station code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
1	Musiri	31	*	*	C	B	A	A	A	A	A	A	A	A
2	Mettur	50	B	B	B	B	A	B	B	B	B	B	B	B
3	Pallippalayam	51	B	E	D	D	B	B	B	C	B	B	B	B
4	Tiruchirappalli U/s	1202	*	*	B	B	A	A	A	A	A	A	A	A
5	Trichy, Grand Anaicut	1203	*	*	B	B	A	A	A	B	B	B	B	A
6	Karuthattankudi	1206	*	*	*	*	A	A	A	B	B	B	B	B
7	Vairapalayam	1320	C	B	E	C	B	C	B	B	C	B	B	*
8	P.Velur	1323	B	B	A	B	B	D	B	B	D	B	C	B
9	Mohanur	1324	B	B	A	B	B	B	B	B	B	B	B	D
10	Tiruchirappalli D/s	1325	*	*	B	B	A	A	A	B	B	B	B	B

* Indicates that samples were not collected due to No flow in the River

Designated Best Use (DBU)

CPCB - Water Quality Criteria

A - Drinking Water Source without conventional treatment but after Disinfection

B - Outdoor Bathing (Organised)

C - Drinking water source after conventional treatment and disinfection

D - Propagation of wildlife and fisheries

E - Irrigation, Industrial cooling, Controlled waste Disposal

ANNEXURES

ANNEXURE – X: STATUS OF CAUVERY RIVER - NATIONAL WATER QUALITY MONITORING PROGRAMME, NWMMP - 2024-2025 (CONT.)

CLASSIFICATION OF THE WATER QUALITY AS PER THE DESIGNATED BEST USE

S. No	Name of the Station	Station code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
11	Coleroon	1326	E	B	B	E	B	B	B	B	B	B	B	B
12	Pitchavaram	1327	E	B	B	B	B	E	B	B	B	B	B	B
13	Thirumukkudal	1451	*	*	B	B	B	B	B	B	B	C	B	B
14	Kumarapalayam	3012	B	D	B	B	B	B	B	B	B	B	C	B
15	Urrachikottai	3013	A	B	A	*	B	B	B	B	B	B	*	*
16	Chirampalayam	3014	B	B	B	B	B	B	B	B	B	B	B	B
17	Pugalur	3015	B	*	B	*	B	B	B	B	C	C	B	B
18	Pettavaithalai	3016	*	*	B	B	A	A	A	A	A	B	B	B
19	Kumbakonam	3017	*	*	*	*	A	A	A	B	B	B	B	B
20	Mayiladuthurai	3018	*	*	*	*	*	B	E	E	E	E	*	*

* Indicates that samples were not collected due to No flow in the River

Designated Best Use (DBU)

CPCB - Water Quality Criteria

A - Drinking Water Source without conventional treatment but after Disinfection

B - Outdoor Bathing (Organised)

C - Drinking water source after conventional treatment and disinfection

D - Propagation of wildlife and fisheries

E - Irrigation, Industrial cooling, Controlled waste Disposal

ANNEXURES

ANNEXURE – X: STATUS OF CAUVERY RIVER - NATIONAL WATER QUALITY MONITORING PROGRAMME, NWMP - 2024-2025 (CONT.)

CLASSIFICATION OF THE WATER QUALITY AS PER THE DESIGNATED BEST USE

S. No	Name of the Station	Station code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
21	Kumarapalayam	4827	B	D	B	B	B	B	B	B	B	B	B	D
22	Bhavani D/s	10064	B	B	B	*	C	C	B	B	B	B	*	*
23	Erode U/s	10065	E	*	B	*	B	B	B	B	*	E	B	E
24	Kumarapalayam U/s	10067	B	B	C	B	B	B	B	B	B	B	B	B
25	Pallipalayam D/s	10070	B	B	B	B	B	A	B	B	B	B	B	B
26	Karur U/s	10073	C	B	B	B	B	B	B	B	B	C	B	B
27	Mayiladuthurai D/s	10078	*	*	*	*	*	E	E	E	E	E	*	*

* Indicates that samples were not collected due to No flow in the River

Designated Best Use (DBU)

CPCB - Water Quality Criteria

A - Drinking Water Source without conventional treatment but after Disinfection

B - Outdoor Bathing (Organised)

C - Drinking water source after conventional treatment and disinfection

D - Propagation of wildlife and fisheries

E - Irrigation, Industrial cooling, Controlled waste Disposal

ANNEXURES

ANNEXURE – XI: STATUS OF RIVER TAMIRAPARANI- NATIONAL WATER QUALITY MONITORING PROGRAMME NWMP - 2024-2025

CLASSIFICATION OF THE WATER QUALITY AS PER THE DESIGNATED BEST USE

S. No	Name of the Station	Station code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
1	Papanasam	1159	A	B	B	B	A	A	C	A	A	A	A	A
2	Cheranmadevi	1160	A	B	B	B	A	B	B	B	A	B	B	B
3	Kokirakulam	1161	B	B	B	B	B	B	B	B	B	B	B	B
4	Murapanadu	1162	A	B	B	B	B	B	B	B	B	B	B	B
5	Thiruvidaimarudur	1328	B	B	E	A	B	B	C	A	B	B	B	B
6	Ambasamudram	1329	A	B	B	A	A	A	C	A	A	A	A	B
7	Authoor	1330	B	B	B	B	B	B	B	B	B	B	B	B
8	Eral	3025	B	B	B	B	B	B	B	B	B	B	B	B
9	KalldaiKurichi	3026	B	B	B	B	A	A	B	B	A	A	A	B
10	Srivaikuntam	3027	B	B	B	B	B	B	B	B	B	B	B	B
11	Vellakovil	3028	B	B	E	B	B	B	B	B	B	B	B	B
12	Seevalaperi	3029	B	B	B	B	B	B	B	B	B	B	B	B
13	Tirunelveli D/S	10062	B	B	E	B	B	B	B	B	B	B	B	B

Designated Best Use (DBU)

CPCB-Water Quality Criteria

A - Drinking Water Source without conventional treatment but after Disinfection

B - Outdoor Bathing (Organised)

C - Drinking water source after conventional treatment and disinfection

D – Propagation of wildlife and fisheries

E - Irrigation, Industrial cooling, Controlled waste Disposal.

ANNEXURES

ANNEXURE – XII: STATUS OF AMARAVATHI &PALAR RIVER - NATIONAL WATER QUALITY MONITORING PROGRAMME, NWMP - 2024-2025
CLASSIFICATION OF THE WATER QUALITY AS PER THE DESIGNATED BEST USE

S. No	Name of the Station	Station code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
1	Madhathukkulam	1319	B	A	A	B	B	B	A	B	C	C	B	C
2	Sellandipalayam	4812	B	B	B	B	B	B	B	B	B	C	B	B
3	Vengal Road	4813	B	B	B	A	B	B	B	B	B	B	B	B
4	Vaniyambadi Head works	1450	*	*	*	*	*	*	*	C	B	C	*	*

* Indicates that the samples were not collected due to no flow in the River

Designated Best Use (DBU)

CPCB-Water Quality Criteria

A - Drinking Water Source without conventional treatment but after Disinfection

B - Outdoor Bathing (Organised)

C - Drinking water source after conventional treatment and disinfection

D – Propagation of wildlife and fisheries

E - Irrigation, Industrial cooling, Controlled waste Disposal.

ANNEXURES

ANNEXURE – XIII: STATUS OF BHAVANI RIVER - NATIONAL WATER QUALITY MONITORING PROGRAMME, NWMP - 2024-2025

CLASSIFICATION OF THE WATER QUALITY AS PER THE DESIGNATED BEST USE

S. No	Name of the Station	Station code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
1	Pathirakaliamman Koil	1201	B	B	B	B	B	B	A	B	B	B	B	B
2	Sirumugai	1204	B	B	B	B	B	B	B	B	B	B	B	B
3	Bhavani	1205	B	B	*	*	B	C	B	B	B	B	B	C
4	Bhavani Sagar	1321	B	A	B	B	C	C	B	C	B	B	B	B
5	R.N pudur	1322	B	*	*	B	B	B	B	B	B	B	B	B
6	Sathyamangalam	3019	B	B	B	B	B	B	C	B	B	C	B	B
7	Kalingarayan Canal (b5)	3020	B	*	*	*	B	B	B	B	B	C	B	C
8	Kalingarayan Canal (b10)	3021	B	*	*	*	B	B	A	B	*	B	B	B

* Indicates that the samples were not collected due to no flow in the River

Designated Best Use (DBU)

CPCB-Water Quality Criteria

A - Drinking Water Source without conventional treatment but after Disinfection

B - Outdoor Bathing (Organised)

C - Drinking water source after conventional treatment and disinfection

D – Propagation of wildlife and fisheries

E - Irrigation, Industrial cooling, Controlled waste Disposal.

ANNEXURES

ANNEXURE – XIV: STATUS OF VENNAR, VAIGAI, THIRUMANIMUTHARU, SARAPANGA& VASISTA RIVER – NATIONAL WATER QUALITY MONITORING PROGRAMME, NWMP - 2024-2025 CLASSIFICATION OF THE WATER QUALITY AS PER THE DESIGNATED BEST USE

S. No	Name of the Station	Station code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
1	River Vennar At Thanjavur U/s	10057	*	*	*	*	A	A	A	B	B	B	B	B
2	River Vennar At Thanjavur D/s	10058	*	*	*	*	B	A	A	B	B	B	B	B
3	River Vaigai At Madurai U/s	10059	B	*	B	*	D	E	D	D	A	B	C	D
4	River Vaigai At Madurai D/s	10060	E	*	E	E	C	E	E	D	B	C	E	E
5	Uthamasollapuram	3022	E	E	E	E	E	E	E	E	E	E	E	E
6	Thulukannur	3023	E	E	E	E	E	E	E	E	C	E	E	E
7	Edappadi	3024	*	*	*	*	*	*	*	*	D	E	D	E

* Indicates that the samples were not collected due to no flow in the River

Designated Best Use (DBU)

CPCB-Water Quality Criteria

A - Drinking Water Source without conventional treatment but after Disinfection

B - Outdoor Bathing (Organised)

C - Drinking water source after conventional treatment and disinfection

D - Propagation of wildlife and fisheries

E - Irrigation, Industrial cooling, Controlled waste Disposal

ANNEXURES

ANNEXURE – XV: STATUS OF LAKES- NATIONAL WATER QUALITY MONITORING PROGRAMME, NWMP 2024-2025

CLASSIFICATION OF THE WATER QUALITY AS PER THE DESIGNATED BEST USE

S. No	Name of the Station	Station code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
1	Udhagamandalam	1421	A	B	A	A	A	A	C	B	B	C	B	B
2	Kodaikanal	1420	B	B	B	B	B	B	B	B	B	B	B	B
3	Yercaud	1452	B	B	C	D	D	B	C	B	B	B	B	B
4	Veeranam	3007	*	*	E	B	B	E	E	E	B	B	A	A
5	Poondi	3008	B	B	B	C	C	E	B	C	C	C	B	B
6	Redhills	3009	A	B	A	C	B	C	B	C	C	C	C	B
7	Porur	3010	C	C	B	C	C	B	B	C	C	C	C	C
8	Pulicat	3011	C	C	B	C	E	A	C	C	C	C	C	C

* Indicates that the samples were not collected due to no flow in the River

Designated Best Use (DBU)

CPCB-Water Quality Criteria

A - Drinking Water Source without conventional treatment but after Disinfection

B - Outdoor Bathing (Organised)

C - Drinking water source after conventional treatment and disinfection

D - Propagation of wildlife and fisheries

E - Irrigation, Industrial cooling, Controlled waste Disposal

ANNEXURES

ANNEXURE- XVIA: ADYAR RIVER WATER QUALITY (UNDER CHENNAI CITY WATER WAYS PROGRAMME) 2024-2025

CLASSIFICATION OF THE WATER QUALITY AS PER THE DESIGNATED BEST USE

S. No.	Collecting Place	Values in Range										
		pH	Conductivity µmhos/cm	TSS mg/L	TDS mg/L	Chloride s mg/L	Ammonical Nitrogen mg/L	BOD mg/L	COD mg/L	DO mg/L	Total Coliform MPN/ 100ml	Fecal Coliform MPN/ 100ml
Sample taken from River												
1	Alandur Abraham Bridge (Downstream)	6.94~7.44	13090~20500	16~142	8970~13758	4905~8122	8~9	6~12	144~264	-	-	-
2	Thiru Vi Ka Bridge (Downstream)	6.72~7.51	13010~20800	12~128	8472~14062	4785~7122	8~10	5~12	136~264	-	-	-
Sample taken from Industrial Outfalls												
3	Nesapakkam STP (50 MLD Outlet)	6.61~8.00	813~2070	4~28	488~1420	4~478	<2~185	<2~16	16~88	7~7	302~3945	5~387
4	Nesapakkam STP (40 MLD Outlet)	1.97~9.15	1010~14540	4~16	676~9888	6~1250	<2~260	<2~9	8~88	8~8	<1~4604	<1~2420
5	Nesapakkam STP (54 MLD Outlet)	6.65~8.91	972~2110	4~16	658~1440	5~475	<2~280	<2~5	8~112	8~8	403~5056	15~2420
6	Nesapakkam 10 MLD TTUF Plant (Outlet)	7.32~7.87	1078~1555	4~8	732~994	155~268	<2~6	<2~3	8~56	1059~2300	117~147	7.32~7.87
Note: <BDL indicates Less than minimum detectable limit.												

ANNEXURES

ANNEXURE – XVIB: BUCKINGHAM CANAL WATER QUALITY (UNDER CHENNAI CITY WATERWAYS PROGRAMME) 2024-2025

S. No.	Collecting Place	Values in Range										
		pH	Conductivity µmhos/cm	TSS mg/L	TDS mg/L	Chloride s mg/L	Ammonical Nitrogen mg/L	BOD mg/L	COD mg/L	DO mg/L	Total Coliform MPN/ 100ml	Fecal Coliform MPN/ 100ml
		Sample taken from River										
1	Wallaja Road Bridge	6.71~6.73	1586~2210	82~220	872~1172	382~399	27~29	48~106	128~368	-	-	-
Sample taken from Industrial Outfalls												
2	Kodungaiyur STP (45 MLD Outlet)	6.94~7.40	1099~1550	4~14	724~1036	176~275	<2~6	<2~12	24~120	7~7	1553~5231	289~2420
3	Kodungaiyur STP 120 MLD (Outlet) - Z1	6.76~7.63	1045~1344	4~12	700~860	160~210	<2~10	<3~24	16~120	7~7	1414~4907	224~2420
4	Kodungaiyur STP STP 120 MLD (Outlet) - Z2	6.89~7.68	881~1395	4~12	596~964	145~240	<2~11	2~7	24~96	7~7	1733~5600	315~2420
Note: <BDL indicates Less than minimum detectable limit.												

ANNEXURES

ANNEXURE – XVIC: COOUM RIVER WATER QUALITY (UNDER CHENNAI CITY WATER WAYS PROGRAMME) 2024-2025

S. No.	Collecting Place	Values in Range										Fecal Coliform MPN/100ml
		Ph	Conductivity µmhos/cm	TSS mg/L	TDS mg/L	Chlorides mg/L	Ammonical Nitrogen mg/L	BOD mg/L	COD mg/L	DO mg/L	Total Coliform MPN/100ml	
Sample taken from River												
1	Thirumangalam Causeway (Downstream)	6.47~7.45	708~20400	16~216	460~13990	100~6872	<2~21	5~39	56~400	-	-	-
2	Chitra Talkies Bridge (Downstream)	6.53~7.54	800~10220	20~228	520~6962	115~2999	2~25	9~66	56~360	-	-	-
3	Napier Bridge (Downstream)	6.74~7.22	708~20600	20~154	476~14044	100~8247	3~34	7~45	64~344	-	-	-
Sample taken from Industrial Outfalls												
4	Koyambedu STP (34 MLD Outlet)	7.23~8.27	1079~2480	4~22	704~1488	170~957	2~20	<2~12	16~104	2~2	579~2841	101~263
5	Koyambedu STP (60 MLD Outlet)	7.13~7.90	804~1610	4~24	588~1096	140~283	<2~10	<2~24	24~144	3~3	350~4839	7~179
6	Koyambedu STP (120 MLD Outlet)	6.91~8.06	953~1905	4~20	618~1220	165~699	<1~10	<2~15	8~112	7~7	296~3088	10~232
7	Koyambedu 45 MLD STP (Outlet)	6.23~7.71	42~1875	2~10	28~1296	2~325	<2~8	<2~8	16~88	8~8	26~4839	<1~2420
Note: <BDL indicates Less than minimum detectable limit.												

ANNEXURES

ANNEXURE – XVID: OTTERI NULLAH WATER QUALITY (UNDER CHENNAI CITY WATER WAYS PROGRAMME) 2024-2025

S. No.	Collecting Place	Values in Range						COD mg/L	
		pH	Conductivity μ mhos/cm	TSS mg/L	TDS mg/L	Chlorides mg/L	Ammonical Nitrogen mg/L		BOD mg/L
Sample taken from Nullah									
1	Asprin Garden Bridge (Downstream)	6.72~7.19	879~2160	16~164	588~1384	135~459	2~43	10~73	72~352
2	Vyasarpadi Road Bridge (Downstream)	6.63~7.26	772~2220	24~168	504~1508	115~474	3~34	7~120	80~320
Note: <BDL indicates Less than minimum detectable limit.									

ANNEXURES

ANNEXURE – XVII: ANNUAL REPORT FOR NWMP COASTAL LOCATIONS FOR THE PERIOD OF APRIL 2024 TO MARCH 2025

S. No	Name of the Station	Station code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
1	Ennore Creek	5064	SWII	SWIV	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII
2	Tiruvuvottiyur Urban Coastal	5065	SWI	SWIV	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
3	Chennai Port Trust	5066	SWI	SWIII	SWIII	SWIII	SWIII	SWIII	SWI	SWIII	SWI	0	SWIII	SWI
4	Santhome Beach	5067	SWI	SWI	SWI	SWII	SWI	SWI	SWI	SWI	SWI	SWIV	SWI	SWI
5	Injambakkam	5068	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWIV	SWI
6	Mamallapuram	5069	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
7	Kalpakkam	5070	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWIII	SWI	SWI
8	Alamparaikuppam	5071	SWI	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII
9	Thalngadu	5072	SWI	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII
10	Kottakuppam	5073	SWI	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII
Water Quality Standards for Coastal Waters Marine Outfalls														
Class	Designated Best Use	Parameters & Standards												
SW – I	Salt pans, Shell fishing, Mariculture and Ecologically Sensitive Zone.	pH - 6.5-8.5; D.O - minimum 5.0 mg/l; Oil and Grease -0.1 mg/l; Heavy metals (Hg, Pb, Cd) - 0.01 mg/l												
SW – II	Bathing, Contact Water Sports and Commercial fishing.	pH - 6.5-8.5; D.O - minimum 4.0 mg/l; Turbidity - 31 NTU; Fecal Coliform- 100/100 ml (MPN); B.O.D at 27°C -3 mg/l												
SW – III	Industrial cooling, Recreation (non-contact) and Aesthetics.	pH - 6.5-8.5; D.O - minimum 4.0 mg/l; Turbidity - 31 NTU; Fecal Coliform- 100/100 ml (MPN); B.O.D at 27°C -3 mg/l												
SW – IV	Harbour	pH - 6.5-9; D.O- minimum 3.0 mg/l; Fecal Coliform- 500/100 ml (MPN)												
SW – V	Navigation and Controlled Waste Disposal.	pH - 6.0-9; D.O- minimum 3.0 mg/l; Fecal Coliform- 500/100 ml (MPN)												

ANNEXURES

ANNEXURE – XVII: ANNUAL REPORT FOR NWMP COASTAL LOCATIONS FOR THE PERIOD OF APRIL 2024 TO MARCH 2025 (CONT.)

S. No	Name of the Station	Station code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
11	Cuddalore	5074	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
12	Pichavaram	5075	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
13	Kollidam	5076	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWII
14	Tharangambadi Beach	5077	SWII	SWII	SWII	SWII	SWII	SWII	SWII	SWIV	SWII	SWII	SWII	SWII
15	Nagapattinam	5078	SWI	SWI	SWI	SWI	SWI	SWIII	SWIII	SWIII	SWV	SWI	SWI	SWIII
16	Vellankanni	5079	SWII	SWII	SWII	SWII	SWII	SWIV	SWII	SWII	SWII	SWII	SWII	SWII
17	Muthupettai	5080	SWI	SWI	SWI	SWI	SWI	SWIII	SWIII	SWI	SWIII	SWIII	SWI	SWIII
18	Lagoon Nearby The Coast Line	5081	SWI	SWI	SWI	SWI	SWI	SWV	SWIII	0	SWIII	SWI	SWI	SWIII
19	Adiramapattinam	5082	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
20	Kezhathottam	5083	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
Water Quality Standards for Coastal Waters Marine Outfalls														
Class	Designated Best Use	Parameters & Standards												
SW – I	Salt pans, Shell fishing, Mariculture and Ecologically Sensitive Zone.	pH - 6.5-8.5; D.O - minimum 5.0 mg/l; Oil and Grease -0.1 mg/l; Heavy metals (Hg, Pb, Cd) - 0.01 mg/l												
SW – II	Bathing, Contact Water Sports and Commercial fishing.	pH - 6.5-8.5; D.O - minimum 4.0 mg/l; Turbidity - 31 NTU; Fecal Coliform- 100/100 ml (MPN); B.O.D at 27°C -3 mg/l												
SW – III	Industrial cooling, Recreation (non-contact) and Aesthetics.	pH - 6.5-8.5; D.O - minimum 4.0 mg/l; Turbidity - 31 NTU; Fecal Coliform- 100/100 ml (MPN); B.O.D at 27°C -3 mg/l												
SW – IV	Harbour	pH - 6.5-9; D.O- minimum 3.0 mg/l; Fecal Coliform- 500/100 ml (MPN)												
SW – V	Navigation and Controlled Waste Disposal.	pH - 6.0-9; D.O- minimum 3.0 mg/l; Fecal Coliform- 500/100 ml (MPN)												

ANNEXURES

ANNEXURE – XVII: ANNUAL REPORT FOR NWMP COASTAL LOCATIONS FOR THE PERIOD OF APRIL 2024 TO MARCH 2025 (CONT.)

S. No	Name of the Station	Station code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
21	Mallipatanam	5084	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
22	Kottaipattinam	5085	SWI	SWI	SWI	SWI	SWI	SWI	SWIV	SWIV	SWI	SWI	SWI	SWI
23	Rameswaram	5086	SWI	SWI	SWI	SWI	SWII	SWI	SWI	SWI	SWI	SWI	SWI	SWI
24	Erwadi	5087	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
25	Tuticorin	5088	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
26	Thiruchendur	5089	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
27	Punnakayal	5090	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
28	Vembar	5091	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
29	Uvari	5092	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI
30	Koodankulam	5093	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWIV	SWIV	SWI	SWI	SWI

Water Quality Standards for Coastal Waters Marine Outfalls	
Class	Designated Best Use
SW – I	Salt pans, Shell fishing, Mariculture and Ecologically Sensitive Zone.
SW – II	Bathing, Contact Water Sports and Commercial fishing.
SW – III	Industrial cooling, Recreation (non-contact) and Aesthetics.
SW – IV	Harbour
SW – V	Navigation and Controlled Waste Disposal.
	Parameters & Standards
	pH - 6.5-8.5; D.O - minimum 5.0 mg/l; Oil and Grease -0.1 mg/l; Heavy metals (Hg, Pb, Cd) - 0.01 mg/l
	pH - 6.5-8.5; D.O - minimum 4.0 mg/l; Turbidity - 31 NTU; Fecal Coliform- 100/100 ml (MPN); B.O.D at 27°C -3 mg/l
	pH - 6.5-8.5; D.O - minimum 4.0 mg/l; Turbidity - 31 NTU; Fecal Coliform- 100/100 ml (MPN); B.O.D at 27°C -3 mg/l
	pH - 6.5-9; D.O- minimum 3.0 mg/l; Fecal Coliform- 500/100 ml (MPN)
	pH - 6.0-9; D.O- minimum 3.0 mg/l; Fecal Coliform- 500/100 ml (MPN)

ANNEXURES

ANNEXURE – XVII: ANNUAL REPORT FOR NWMP COASTAL LOCATIONS FOR THE PERIOD OF APRIL 2024 TO MARCH 2025 (CONT.)

S. No	Name of the Station	Station code	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25
31	Kanyakumari	5094	SWI	SWIV	SWI	SWI	SWI	SWI	SWI	SWIV	SWIV	SWIV	SWI	SWI
32	Keezhamanakudy	5095	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWIV	SWI	SWI
33	Colachel	5096	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWIV	SWI	SWIV	SWIV	SWI
34	Thangapattinam	5097	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWI	SWIV	SWI	SWI	SWI

Water Quality Standards for Coastal Waters Marine Outfalls														
Class	Designated Best Use	Parameters & Standards												
SW – I	Salt pans, Shell fishing, Mariculture and Ecologically Sensitive Zone.	pH - 6.5-8.5; D.O - minimum 5.0 mg/l; Oil and Grease -0.1 mg/l; Heavy metals (Hg, Pb, Cd) - 0.01 mg/l												
SW – II	Bathing, Contact Water Sports and Commercial fishing.	pH - 6.5-8.5; D.O - minimum 4.0 mg/l; Turbidity - 31 NTU; Fecal Coliform- 100/100 ml (MPN); B.O.D at 27°C -3 mg/l												
SW – III	Industrial cooling, Recreation (non-contact) and Aesthetics.	pH - 6.5-8.5; D.O - minimum 4.0 mg/l; Turbidity - 31 NTU; Fecal Coliform- 100/100 ml (MPN); B.O.D at 27°C -3 mg/l												
SW – IV	Harbour	pH - 6.5-9; D.O- minimum 3.0 mg/l; Fecal Coliform- 500/100 ml (MPN)												
SW – V	Navigation and Controlled Waste Disposal.	pH - 6.0-9; D.O- minimum 3.0 mg/l; Fecal Coliform- 500/100 ml (MPN)												

ANNEXURES

ANNEXURE – XVIIIA: AVERAGE VALUES OF AMBIENT NOISE LEVELS IN CHENNAI CITY - DAY TIME FOR APRIL 2024- MARCH 2025

All values in LeqdB(A)						
	Eye Hospital Egmore (S)	Guindy (I)	Pallikaranai (C)	Perambur (C)	Sowcarpet (C)	
Avg.	65	66	67	58	56	
Max.	77	74	88	72	72	
Min.	55	63	34	35	33	
	T. Nagar (S)	Triplicane (R)	Velachery (C)	Washermanpet (C)	Annanagar (S)	
Avg.	71	64	69	69	62	
Max.	94	96	89	94	109	
Min.	56	25	41	35	25	
	S- Sensitive	R – Residential	I – Industrial	C – Commercial		

Ambient Air Quality Standards for Noise Level		
Category of Area / Zone	Leq dB(A) Day time	Leq dB(A) Night time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Sensitive Zone	50	40

ANNEXURES

ANNEXURE – XVIIIB: AVERAGE VALUES OF AMBIENT NOISE LEVELS IN CHENNAI CITY - NIGHT TIME FOR APRIL 2024- MARCH 2025

All values in Leq dB(A)						
	Eye Hospital Egmore (S)	Guindy (I)	Pallikaranai (C)	Perambur (C)	Sowcarpet (C)	
Avg.	64	65	67	55	54	
Max.	76	72	77	63	68	
Min.	57	59	47	30	39	
	T. Nagar (S)	Triplicane (R)	Velachery (C)	Washermanpet (C)	Annanagar (S)	
Avg.	66	59	60	67	53	
Max.	89	88	85	89	92	
Min.	52	24	33	34	26	
	S- Sensitive	R – Residential	I – Industrial	C – Commercial		

Ambient Air Quality Standards for Noise Level		
Category of Area / Zone	Leq dB(A) Day time	Leq dB(A) Night time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Sensitive Zone	50	40

PART II

ANNUAL STATEMENT OF ACCOUNTS

2024-2025

The Annual Statement of Accounts comprising the Balance Sheet as at 31st March 2025, the Income & Expenditure Statement and Receipts & Payments Account for the year then ended have been audited by the M/s. S.B.S.B and Associate Chartered Accountants, Old NO. H-43/1, New No. H-13, 5th Street, Anna Nagar East, Chennai 600 102, Tamil Nadu who had been appointed in exercise of the powers conferred by sub-section (3) of section 40 of the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974) on the advice of the Comptroller and Auditor General of India. As required by sub-section (7) of section 40 of the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974), the same along with the Audit Report thereon is being submitted to the State Government which shall cause the same to be laid before the State Legislature.

**Auditor's report (2024-2025) to the members of the Tamil Nadu Pollution
Control Board for the year ended 31st March 2025**

Qualified Opinion

We have audited the accompanying annual statement of accounts of Tamil Nadu Pollution Control Board ("the Board"), which comprise the Balance Sheet as at March 31, 2025, the Income and Expenditure Account and the Receipts and Payments Account for the year then ended, and notes to the annual statement of accounts, including a summary of significant accounting policies and other explanatory information (herein after referred to as "annual statement of accounts").

In our opinion and to the best of our information and according to the explanations given to us, the aforesaid annual statement of accounts give the information required by the Tamilnadu Water (Prevention and Control of Pollution) Rules, 1983 (the "Rules") and Water (Prevention and Control of Pollution) Act, 1974 (the "Act") in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India, of the state of affairs of the Board as at March 31, 2025, its Surplus and the Receipts & Payments for the year ended on that date.

Basis for Qualified opinion

Attention is drawn to the, a) Note 2.6 with respect to accounting of Consent Fees and Consent Fees Arrears; b) Note 2.7 with respect to the receivables under water cess, project study receivables, advances receivables, and Ways & means balance receivable; c) Note 2.9 with regard to Internal Audit function not there to have proper checks and controls on the financial activities of the Board; d) Note 2.10 with regard to the pending confirmation of balances; and e) Note 2.17 Bank balances adjustments.

In the absence of information and other relevant details, the impact if any, on the carrying value of those items in assets and liabilities and the consequential impact on the surplus of the Board for the year under consideration is not determinable.

We conducted our audit in accordance with the standards on auditing issued by the Institute of Chartered Accountants of India (ICAI). Our responsibilities under those Standards are further described in the auditor's responsibilities for the audit of annual statement of accounts section of our report. We are independent of the Board in accordance with the code of ethics issued by the ICAI together with the ethical requirements that are relevant to our audit of the annual statement of accounts and we have fulfilled our other ethical responsibilities in accordance with these requirements and the code of ethics.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Emphasis of Matter

We draw the attention to the note in Note, a) Note 2.12 land advance, b) Note 2.13 Advance to suppliers, c) Note 2.15 Building under construction, d) Note 2.16 contingent liabilities, e) Note 2.18 outstanding under schemes, f) Note 2.19 funds to other projects, g) Note 2.20 funds to other departments, and h) Note 2.23 court deposit.

All the above notes relate to the outcome of future events and the results of the future events are not determinable as on date and any consequential adjustments on the carrying value, if any, required to be made for the annual statement of accounts are not ascertainable and our opinion on these matters are not modified.

Management's responsibility for the annual statement of accounts

The Boards management is responsible for the matters stated in the Rules and the Act with respect to the preparation of these annual statement of accounts that give a true and fair view of the financial position, financial performance, and receipts and payments of the Board in accordance with the accounting principles generally accepted in India and the Act. This responsibility also includes maintenance of adequate accounting records for safeguarding of the assets of the Board and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the

accuracy and completeness of the accounting records, relevant to the preparation and presentation of the annual statement of accounts that give a true and fair view and are free from material misstatement, whether due to fraud or error.

In preparing the annual statement of accounts, management is responsible for assessing the Board's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Board or to cease operations, or has no realistic alternative but to do so.

The management is also responsible for overseeing the Board's financial reporting process.

Auditor's responsibilities for the audit of the annual statement of accounts

Our objectives are to obtain reasonable assurance about whether the annual statement of accounts as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Standards on Auditing (SA) will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of this annual statement of accounts.

As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the annual statement of accounts, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Board's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the annual statement of accounts or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Board to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the annual statement of accounts, including the disclosures, and whether the annual statements of accounts represent the underlying transactions and events in a manner that achieves fair presentation.

Materiality is the magnitude of misstatements in the annual statement of accounts that, individually or in aggregate, makes it probable that the economic decisions of a reasonably knowledgeable user of the annual statement of accounts may be influenced. We consider quantitative materiality and qualitative factors in (i) planning the scope of our audit work and in evaluating the results of our work; and (ii) to evaluate the effect of any identified misstatements in the annual statement of accounts. Materiality is the magnitude of misstatements in the annual statement of accounts that, individually or in aggregate, makes it probable that the economic decisions of a reasonably knowledgeable user of the annual statement of accounts may be influenced. We consider quantitative materiality and qualitative factors in (i) planning the scope of our audit work and in evaluating the results of our work; and (ii) to evaluate the effect of any identified misstatements in the annual statement of accounts.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

Report on Other Legal and Regulatory Requirements

As required by the Act and Rules, we report that:

- a) We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit.
- b) In our opinion, proper books of account as required by law have been kept by the Company so far as it appears from our examination of those books.
- c) The Balance Sheet, the Statement of Profit and Loss, and the Cash Flow Statement dealt with by this Report are in agreement with the books of account.
- d) The Balance Sheet, the Income and Expenditure Account and the Receipts and Payments Account comply with the particulars as specified in Schedule III of the Rules.

for M/s S B S B AND ASSOCIATES

CHARTERED ACCOUNTANTS

Firm Registration No: 012192S

UDIN: 26246539SJGUWH1403

Place: Chennai

Date: 29.12.2025

MAHAVEER JAIN R

Partner

Membership No: 246539

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

TAMIL NADU POLLUTION CONTROL BOARD, CHENNAI-600 032.
ANNUAL STATEMENT OF ACCOUNT
RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31st MARCH 2025.

Previous Year	RECEIPTS	TOTAL OF SUB HEAD	TOTAL OF MAJOR HEADS
Rs.		Rs.	Rs.
760,071,853	A. OPENING BALANCE a. Bank b. Cash c. Bank (Court Deposit)	3,237,239,952	28,576,892 99,909,578 15,610,804 8,203,212 6,222,703 563,016 1,509,448 848,126 6,642,310
12,260		-	
6,029,729		200,036,869	
-	B. GRANTS RECEIVED a. From Government b. From other Agencies c. Schemes	-	168,086,089
-		-	
-		-	
-	C. FEES a. Consultant Registration Fees b. Cost of Application c. Consent Fees d. Cess Collection e. Fees for handling H. Waste	-	611,666,689 86,081,170 - 616,188 2,830,938 1,106,676,316
1,622,357,039		-	
180,086		2,189,936,681	
-		76,726	
-		-	
315,603,229	D. FEES FROM LABORATORY Lab Analysis Charges (Schedule -A)	-	1,807,871,301
1,525,520,735		397,830,302	
-	E. INTEREST ON INVESTMENT	-	14,699,651
-		1,591,043,780	
4,229,774,931	C/O	7,616,164,310	2,053,184,315

Previous Year	PAYMENTS	TOTAL OF SUB HEAD	TOTAL OF MAJOR HEADS
Rs.		Rs.	Rs.
106,935,754	A. CAPITAL EXPENDITURE a. Assets - Land and Building b. Laboratory Equipment c. Vehicles d. Furniture e. Office Appliance f. Library Books g. Electrical Installation h. Computer i. Software	28,576,892	168,086,089
24,451,648		99,909,578	
23,041,166		15,610,804	
2,489,916		8,203,212	
4,637,419		6,222,703	
-		563,016	
267,788		1,509,448	
3,801,936		848,126	
4,501,671		6,642,310	
-		-	
566,886,363	B. REVENUE EXPENDITURE A. ADMINISTRATIVE a. Salaries b. Pension & Gratuity c. Surrender Leave Salary d. Bonus e. Medical Expenses f. TNPCB Employees Pension Fund Trust g. TNPCB Employees EL Encashment Fund Trust	611,666,689	1,807,871,301
56,175,909		86,081,170	
-		-	
660,750		616,188	
3,551,271		2,830,938	
290,588,000		1,106,676,316	
-		-	
3,277,893		2,838,728	
5,819,466		11,860,923	
36,032,225		-	
16,069,677	C. RUNNING & MAINTANCE OF VEHICLE D. MAINTENANCE AND REPAIRS a. Buildings b. Furniture & Fixture c. Scientific Instruments d. Office Appliance e. Electrical Installation f. Insurance of Assets h. Computer & Accessories	12,757,953	37,638,480
88,656		71,406	
3,635,984		3,368,725	
1,256,938		2,012,837	
2,519,591		2,049,266	
764,731		946,375	
2,459,733		3,682,232	
-		-	
1,159,914,485	C/O	-	2,053,184,315

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

ANNUAL STATEMENT OF ACCOUNT
RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31st MARCH 2025.
[See Rule 36 of Tamil Nadu Water (Prevention and control of Pollution) Rules 1983.]

Previous Year	RECEIPTS	TOTAL OF	TOTAL OF
Rs.		Rs.	Rs.
4,229,774,931	B/F	29,370,473	7,616,164,310
96,768,551	F. MISCELLANEOUS	-	29,370,473
-	a. Others (Schedule-B)		
	b. Cess Re-imbursement		
17,949,382	G. DEPOSITS AND ADVANCES	5,115,608	
5,266,429	a. Earnest Money Deposit	6,423,551	
212,522	b. Security Deposit	2,509,965	
17,929,993,818	c. Advance to Staff (Schedule - C)	19,880,646,325	19,894,695,449
	d. Short Term Deposit		
1,868,786,347	H. OTHERS (Schedule - D)		1,376,745,182
1,528,575	I. RENT		239,374
24,150,280,555	Total		28,917,214,788

Previous Year	PAYMENTS	TOTAL OF	TOTAL OF
Rs.	B/F	Rs.	Rs.
1,159,914,485			2,053,184,315
31,215,200	E. LAW CHARGES		66,984,638
236,000	F. AUDIT FEES		236,000
1,898,815,855	G. MISCELLANEOUS (Schedule-E)		1,676,470,823
-	C. CESS REMITTANCE		-
91,847,162	D. Others (Schedule - G)		120,770,605
641,026	E. DEPOSITS	15,804,632	
849,177	a. Earnest Money Deposit	2,670,596	
14,378,168	b. Security Deposit	13,311,960	
17,515,106,661	c. Advance to Staff (Schedule - F)	23,142,328,802	23,174,115,990
	d. Term Deposit		
	F. Manali-Ennore Restoration and Rejuvenation		188,838,936
3,237,239,952	H. CLOSING BALANCE	1,316,391,357	
-	a. Bank	9,790	
200,036,869	b. Cash	320,113,129	
-	c. Bank (Court Deposit) (Schedule - H)	99,206	1,636,613,481
	d. Funds in Transit		
24,150,280,555	Total		28,917,214,788

Place: Chennai.
Date:

As per our Report of Event date
for M/s. S B S B AND ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn.No: 012192S

J.Padma Malini,
Financial Adviser

M.Saravana Kumar M.E.,
Member Secretary

Dr.Jayanthi.M.I.F.S.,
Chairman

MAHAVEER JAIN R
Partner
[M.No:246539]

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

ANNUAL STATEMENT OF ACCOUNT
Income and Expenditure Account for the year ended 31st March 2025.
[See Rule 36 of Tamil Nadu Water (Prevention and control of Pollution) Rules 1983.]

PREVIOUS YEAR Rs.	EXPENDITURE	TOTAL OF SUB HEAD Rs.	TOTAL OF MAJOR HEADS Rs.
349,386,403	A. Administrative a. Pay of Establishment b. Allowance & Honororia (Schedule-I) c. Contribution to Pension, Gratuity, Commutation of Pension, UEL etc.,	368,105,152	
265,724,464		302,657,985	
565,348,129		747,553,323	
		1,418,316,460	
8,383,168	B. Running Expenses of Labs.	11,523,569	
36,956,046	C. Running and Maintenance of Vehicle (Schedule-J)	36,629,279	
	D. Repairs and Maintenance		
88,656	a. Furniture & Fixtures	82,746	
3,686,716	b. Lab. Equipments & Instruments	3,730,179	
1,290,901	c. Office Appliance	2,322,910	
2,893,057	d. Electrical Installation	2,026,920	
17,687,641	e. Building	13,368,815	
2,825,072	f. Computers & Accessories	3,670,136	
		25,201,706	
13,742,501	E. Fees to Consultants and Specialists	16,262,353	
41,415,200	F. Law Charges	57,352,883	
236,000	G. Fees for Audit	236,000	
1,785,150,990	H. Miscellaneous (Schedule-K)	1,711,171,564	
118,477,996	I. Depreciation (Form XV)	145,616,017	
5,089,054	J. Prior Period Adj.Account	148,214,510	
1,663,960,742	K. Excess of income over Expenditure transferred to Balance Sheet	1,428,347,857	
4,882,342,734	Total		4,998,872,198

PREVIOUS YEAR Rs.	INCOME	TOTAL OF SUB HEAD Rs.	TOTAL OF MAJOR HEADS Rs.
-	A. Grants received a. From Government b. From other Agencies	-	
-		-	
-		-	
	Less: Amount utilised for Capital Expenditure	-	
-	Net Grant available for Revenue Expenditure	-	-
2,983,581,959	B. Fees (Schedule-L)		2,958,385,631
354,039,888	C. Fees from Laboratory (Schedule-M)		415,041,544
9,530,782	D. Miscellaneous Receipts a. Others (Schedule-N) b. Cess Reimbursement	9,697,892	9,697,892
-		-	
1,533,539,564	E. Interest on Investment		1,615,507,759
-	F. Prior Period Adj.Account		-
1,650,542	G. Rent (Income)		239,374
4,882,342,734	Total		4,998,872,198

Place: Chennai.
Date:

J.Padma Malini.,
Financial Adviser

M.Saravana Kumar M.E.,
Member Secretary

Dr.Jayanthi.M.J.F.S.,
Chairman

MAHAVEER JAIN R
Partner
[M.No:246539]

As per Our Report of Even Date
for M/s. S B S B AND ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn.No: 012192S

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

ANNUAL STATEMENT OF ACCOUNT
Balance Sheet as on 31st March 2025.
[See Rule 36 of Tamil Nadu Water (Prevention and control of Pollution) Rules 1983.]

PREVIOUS YEAR Rs.	LIABILITIES	TOTAL OF SUB HEAD Rs.	TOTAL OF MAJOR HEADS Rs.	PREVIOUS YEAR Rs.	ASSETS	TOTAL OF SUB HEAD Rs.	TOTAL OF MAJOR HEADS Rs.
	A. CAPITAL FUND				A. WORKS		
54,526,922	a. Grants i. Grants received from Govt. for capital expenditure	54,526,922		323,980,085	a. Building Under Construction		311,151,543
-	ii. Grants received from Govt. for capital exp. During the current year and utilised.	-		522,429,277	B. FIXED ASSETS		531,940,847
-	iii. Grants received towards specific schemes from other agencies	-		250,922,671	a. As per Form XV		288,483,035
-	iv. Less: Amount transferred to Depreciation Fund	-	54,526,922	2,145,312	C. OTHER ASSETS		
15,842,141,108	b. Excess of Income over Expenditure	19,224,497,496		145,627	a. As per Form XV		
1,663,960,742	i. As at 01.04.24	1,428,347,857		1,629,438	b. Stock in hand	5,863,181	
1,718,395,647	ii. Add: Surplus during the year	20,652,845,353		2,106,801	i. Lab Chemicals	2,348,882	
	iii. Add: Amount transferred from Earmarked Funds	-	20,652,845,353		ii. Misc. Stores	4,905,081	
	B. EARMARKED FUND				iii. Glassware	3,705,874	16,823,018
-	a. Pension Fund	-		6,993,962,280	D. SUNDRY DEBTORS		
-	b. Depreciation Fund	-		1,542,470,721	a. Cess Receivable	6,993,885,554	
-	c. E.L. encashment Fund	-			i. From Industries	1,542,470,721	
3,363,250	d. C.E.T.P Development Fund	3,363,250			ii. From Local Bodies	8,536,356,275	8,536,356,275
782,444,126	e. GPFC/CPs Fund	785,678,806			Less: Cess unrecoverable	-	
	C. OTHER DEPOSITS				b. Receivable-Project study& others		11,839,566
1,452,225,216	a. Deposits for supply & works (Schedule - O)	1,598,892,173		229,553,752	c. Ways and Means Advance Receivable		240,752,716
3,729,000	b. Eco Devpt. Measure Deposit	3,729,000	1,602,621,173	240,752,716	E. ADVANCES & DEPOSITS		
					a. Misc. amounts recoverable (Schedule - R)	313,283,110	
					b. Advance to Staffs (Schedule - S)	3,003,873	
					c. Deposits (Schedule - T)	2,982,939	319,269,921
21,520,786,011	C/o		23,099,035,505	10,513,918,754	C/o		10,256,616,921

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

ANNUAL STATEMENT OF ACCOUNT
Balance Sheet as on 31st March 2025.
[See Rule 36 of Tamil Nadu Water (Prevention and control of Pollution) Rules 1983.]

PREVIOUS YEAR Rs.	LIABILITIES	TOTAL OF SUB HEAD Rs.	TOTAL OF MAJOR HEADS Rs.
21,520,786.011	B/f		23,099,035,505
8,550,675,489	D. AMOUNT DUE	8,550,675,489	
-	a. Cess Payable	-	8,550,675,489
1,043,851,330	Less: Cess unrecoverable		628,271,945
	b. Other Liability (Schedule -P)		
264,957	E. ENVIRONMENTAL IMPACT STUDY		264,957
3,447,346,626	F. INCOME RECEIVED IN ADVANCE (Schedule - Q)		3,850,878,868
21,498,500	G. SUBSIDIES FOR COMMON EFFLUENT TREATMENT PLANTS		21,498,500
1,189,893	H. ENVIRONMENTAL EDUCATION FUND RESERVE	1,189,893	
489,400	I. EMERGENCY RESPONSE CENTRE	489,400	
1,965,077	J. SCHEMES	1,965,077	
11,885,550	K. SPONSORSHIP FOR SCHEMES	11,885,550	
34,599,952,833	Total		36,166,155,184

PREVIOUS YEAR Rs.	ASSETS	TOTAL OF SUB HEAD Rs.	TOTAL OF MAJOR HEADS Rs.
10,513,918,754	B/f		10,256,616,921
363,653,846	d. Tax Refundable / Receivable		488,028,369
19,478,159,286	F. INVESTMENTS		
24,500,000	1. Other Term Deposits - (Schedule - U)	22,785,878,671	
782,444,126	2. Tamil Nadu Green Climate Co.,	24,500,000	
-	3. CPS/GPF Fund Investments	785,678,806	
	4. Merrc	188,838,936	23,784,896,412
3,237,239,952	H. CASH & BANK BALANCE		
26,412,979	a. Balance with Banks	1,316,391,357	
104,912,717	b. Bank (Court Deposit)	77,566,686	
26,575,458	c. Bank (Env. Compensation)	210,883,342	
42,135,715	d. Bank (Abatement of Pollution)	19,819,842	
-	(NCAP/CAAGM/NAMP/NRCP/NWMP)	11,843,259	
-	f. Cash on hand	9,790	
-	g. Funds in transit	99,206	1,636,613,481
34,599,952,833	Total		36,166,155,183

Place: Chennai.
Date:

J.Padma Malini.,
Financial Adviser

M.Saravana Kumar M.E.,
Member Secretary

Dr.Jayanthi.M.I.F.S.,
Chairman

MAHAVEER JAIN R
Partner
[M.No:246539]

As per Our Report of Even Date
for M/s. S B S AND ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn.No: 012192S

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

ANNUAL STATEMENT OF ACCOUNT Form XV									
ANNUAL STATEMENT OF ACCOUNTS - FIXED ASSETS AS ON 31st MARCH 2025. [See Rule 36 of Tamil Nadu Water (Prevention and control of Pollution) Rules 1983.]									
Sl. No.	Particulars of Assets	Rate of Depreciation	Opening Balance on 01/04/2024	Additions and Adjustment during the year	Total	Depreciation during the year*	Sales or Write off during the year	Closing Balance on 31/03/2025	Cumulative Depreciation on 31/03/2025
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1.Fixed Assets									
1	Land Development	0%	256,185,778	6,909,210	263,094,988	-	-	263,094,988	-
2	Building	10%	266,243,499	38,314,722	304,558,221	35,712,362		268,845,859	524,561,988
	Total - A		522,429,277	45,223,932	567,653,209	35,712,362	-	531,940,847	524,561,988
2.Other Assets									
1	Computer	40%	14,176,728	848,126	15,024,854	5,885,893		9,138,961	104,289,320
2	Electrical Installations	10%	2,228,647	1,509,448	3,738,095	371,300		3,366,795	34,144,064
3	Furniture & Fixture	10%	16,821,927	12,997,439	29,819,366	2,959,927		26,859,439	49,871,686
4	Lab Equipment	40%	94,737,533	101,072,867	195,810,400	74,929,688		120,880,712	777,699,625
5	Library Books	40%	816,668	563,016	1,379,684	460,660		919,024	9,310,405
6	Office Appliance	15%	44,476,643	6,593,203	51,069,846	7,549,210		43,520,636	100,960,727
7	Vehicle	15%	73,554,065	17,237,610	90,791,675	13,731,907	-	77,059,768	147,785,008
8	Development	40%	4,110,461	6,642,310	10,752,771	4,015,070		6,737,701	17,809,360
	Total - B		250,922,671	147,464,019	398,386,690	109,903,655	-	288,483,035	1,241,870,195
	Total - A+B		773,351,948	192,687,951	966,039,899	145,616,017	-	820,423,882	1,766,432,182
	Previous Year		510,183,576	382,911,688	893,095,264	118,477,996	1,265,320	773,351,948	1,620,816,165
*Note: This includes prior period depreciation of Building, Computer, Electrical Installation, Lab Equipments, Furniture & Fixtures, Software Development, Vehicle and Office Appliances.									
Place: Chennai.		As per Our Report of Even Date							
Date:		for M/s. S B S B AND ASSOCIATES							
		CHARTERED ACCOUNTANTS							
		Firm Regn.No: 012192S							
J.Padma Malini., Financial Adviser	M.Saravana Kumar M.E., Member Secretary	Dr.Jayanthi.M.I.F.S., Chairman	MAHAVEER JAIN R Partner [M.No:246539]						

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

**SCHEDULE FOR FORMING PART OF RECEIPTS AND PAYMENTS ACCOUNT
FOR THE YEAR ENDED ON 31st MARCH 2025.**

RECEIPTS

**SCHEDULE - A
FEES FROM LABORATORY**

Sl. No.	DESCRIPTION	2023-2024 Rs.	2024-2025 Rs.
1	Air Ambient Quality Survey	187,499,989	243,506,135
2	Analysis Charges	128,068,240	154,279,167
3	GEMS / MINARS / NAMP	35,000	45,000
	TOTAL	315,603,229	397,830,302

**SCHEDULE - B
MISCELLANEOUS RECEIPTS**

Sl. No.	DESCRIPTION	2023-2024 Rs.	2024-2025 Rs.
1	Appellate Authority Fees	249,115	605,000
2	Amount -Receivable -Others	1,056,000	13,852,912
3	Interest on Loans and Advance	222,338	13,930
4	Bank Interest & Commission	149,499	315,813
5	Miscellaneous Income	1,546,038	1,241,576
7	Prior Period Adjustments	14,378,887	-
8	Sale of Assets	1,265,320	
9	Public Hearing	37,272,315	9,517,587
10	Receipts-NCAP	1,829,456	1,142,792
11	Recovery of Pension	-	-
12	Right to Information Fees	71,291	48,296
13	Sale of Legal Books	36,400	5,200
14	Tax Refundable / Receivable Account	113,266	418,446
15	Interest on Tax Refund	7,924	-
16	Tender Application Fees	10,000	80,000
17	NAMP A/C	38,512,702	623,549
18	Vehicle Emission Test Fees	48,000	40,750
19	JAN VISWAS - Penalty	-	200,000
20	DEE Legal Samples	-	1,264,622
	TOTAL	96,768,551	29,370,473

**SCHEDULE - C
ADVANCE TO STAFF (Receipts)**

Sl.	DESCRIPTION	2023-2024	2024-2025
1	Tour Advance	212,522	-
2	Festival Advance	-	18,400
3	Temporary Advance	-	823,661
4	Inoperative PAN Penalty Recovery	-	1,667,904
	TOTAL	212,522	2,509,965

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

**SCHEDULE FOR FORMING PART OF RECEIPTS AND PAYMENTS ACCOUNT
FOR THE YEAR ENDED ON 31st MARCH 2024.**

**SCHEDULE - D
OTHERS**

Sl.	DESCRIPTION	2023-2024	2024-2025
1	AAQS Fees Advance	-	115,800
2	Analysis Fees - Advance	1,450,280	2,793,230
3	Consent Fees received in Advance	1,572,733,839	1,171,460,941
4	Deposit Court - Others	66,910,605	51,153,707
5	Environment Compensation Fund	185,696,069	109,192,057
6	Sundry Creditors (Others)	5,863,830	-
7	GST Sales	226,186	32,647
8	NWMP / NAAQM	-	13
9	SEIAA/SEAC	7,096,027	8,831,307
10	Tax Collected at Source (TCS)	14,745	-
11	Plastic Awareness Collector Fund	1,829,327	2,191,642
12	Journalist's Welfare Board	396,293	341,755
13	Abatement Receipts	26,569,146	896,507
14	TDS - Others		18,343,156
15	TDS - Staff		2,559,979
16	GST - TDS		8,832,441
	TOTAL	1,868,786,347	1,376,745,182

PAYMENTS

**SCHEDULE - E
MISCELLANEOUS**

Sl.	DESCRIPTION	2023-2024	2024-2025
1	AAQS Expenses	48,234,709	40,374,099
2	Advertisement and Publicity	11,084,680	5,908,506
3	Amount Receivable - Others	13,833,929	25,000
4	Appellate Authority Expenses	2,530,810	3,819,807
5	Bank Interest and Commission	44,165	79,192
6	Board Meeting Expenses	3,533,002	3,939,964
7	Consultant Fees	13,743,501	16,260,853
8	Wages	135,834,024	167,249,564
9	Contract Charges	10,223,040	14,246,670
10	G20 Conference Expenses	40,553,474	-
11	Conveyance	141,259	99,674
12	DEE Legal Samples	310,000	1,231,802
13	Electricity / Water Charges	18,031,011	19,765,893
14	Entertainment	30,238	30,817

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

**SCHEDULE FOR FORMING PART OF RECEIPTS AND PAYMENTS ACCOUNT
FOR THE YEAR ENDED ON 31st MARCH 2024.**

**SCHEDULE - E
MISCELLANEOUS - Continuation**

SI.	DESCRIPTION	2023-2024	2024-2025
15	Environment Training Institute Expenses	14,568	24,961
16	Environmental Study Expenses	11,774,206	43,378,440
17	Funding to Other Govt. Departments	1,373,595,173	1,000,037,894
18	Land Maintenance Expenses	192,071	174,667
19	Miscellaneous Expenses	1,827,920	1,323,625
20	Newspaper and Periodicals	476,151	492,828
21	OCMMS Expenses	1,527	5,464,162
22	Office Expenses	2,659,385	6,732,938
23	Other Legal Expenses	394,515	293,316
24	Outstanding Expenses	16,960,957	896,875
25	Payment -NCAP	-	1,810,404
26	Petty Cash Expenses	654,461	643,896
27	Pollution and Plastic Awareness Expenses	61,503,982	59,685,065
28	Postage Expenses	2,182,029	2,960,944
29	Printing and Stationery	6,433,697	9,274,604
30	Project Management Unit at Secretariat	4,083,618	832,107
31	Prior Period Adjustments	-	20,000
32	Property Tax	3,347,972	11,526,160
33	Public Hearing	31,371,103	-
34	Rent	7,143,536	8,575,495
35	Staff Welfare Expenses	5,323,339	7,595,950
36	GST-TDS	696,538	9,552,800
37	Telephone and Telex	1,778,236	4,043,416
38	Trade Fair	2,052,913	2,441,869
39	Training and Seminar	747,950	3,362,692
40	Travelling Expenses	5,219,256	3,769,368
41	Turn Duty Allowance	-	960
42	Tax Refundable / Receivable Account	12,409,496	121,034,279
43	NWMP / NAAQM	60,000	15,000
44	LTC Expense	37,021	77,339
45	Professional Charges		1,074,500
46	Sponsorship Programs		6,178,000
47	Rates & Taxes		2,941,766
48	Plastic Awareness Collector Fund		2,758,586
49	NAMP A/C		18,294,785
50	TDS - Others	812,519	19,631,907
51	TDS - Staff	46,560,690	45,431,777
52	GST Sales		260,417
53	Tax Collected at Source (TCS)		14,745
54	Journalist's Welfare Board	373,184	364,864
55	GSTR - 3B (RCM)		445,581
	TOTAL	1,898,815,855	1,676,470,823

**SCHEDULE - F
ADVANCE TO STAFF (PAYMENT)**

SI.	DESCRIPTION	2023-2024	2024-2025
1	Festival Advance	1,728,000	1,700,000
2	Motor Vehicle Advance	1,244,000	-
3	Tour Advance	695,906	228,404
4	Temporary Advance	10,710,262	8,702,867
5	Education Advance	-	450,000
6	Inoperative PAN Penalty Recovery	-	2,230,689
	TOTAL	14,378,168	13,311,960

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

**SCHEDULE FOR FORMING PART OF RECEIPTS AND PAYMENTS ACCOUNT
FOR THE YEAR ENDED ON 31st MARCH 2025.**

**SCHEDULE - G
DEPOSITS AND ADVANCES (Including NGT based Deposits)**

Sl.	DESCRIPTION	2023-2024	2024-2025
1	Abatement Receipts	-	7,736,282
2	Advance to Suppliers	91,126,592	110,077,341
3	Electricity Deposit	220,570	217,475
4	Environment Compensation Fund	-	813,507
5	Rent Advance	500,000	1,926,000
	TOTAL	91,847,162	120,770,605

**SCHEDULE - H
BANK DEPOSITS (COURT)**

Sl.	DESCRIPTION	2023-2024	2024-2025
1	Abatement of Pollution	26,575,458	19,819,842
2	Environment Compensation Fund	104,912,717	210,883,342
3	Bank (Court Deposit- NGT)	26,412,979	77,566,686
4	NCAP Account	23,090	23,687
5	NAMP Account	42,112,625	11,819,572
	TOTAL	200,036,869	320,113,129

**SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED ON 31st MARCH - 2025.**

**EXPENDITURE
SCHEDULE - I
ALLOWANCES AND HONORORIA**

Sl.NO	DESCRIPTION	2023-2024	2024-2025
1	Allowances	229,294,522	243,997,188
2	Bonus	660,750	616,500
3	Contributory Pension Scheme	28,441,496	31,482,299
4	Health Insurance	417,640	274,204
5	Medical Reimbursement	522,959	421,056
6	Special Provident Fund-Board's Contribution	340,000	400,000
7	Travelling Expenses	5,674,076	4,057,468
8	Turn Duty Allowance	-	960
9	Medical Master Health Checkup	336,000	96,878
10	LTC Expense	37,021	77,339
11	Surrender Leave Salary	-	21,234,093
	TOTAL	265,724,464	302,657,985

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

**SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED ON 31st MARCH - 2025.**

EXPENDITURE

**SCHEDULE - J
RUNNING AND MAINTENANCE OF VEHICLES**

SL.NO	DESCRIPTION	2023-2024 Rs.	2024-2025 Rs.
1	Fuel	12,283,340	14,664,481
2	Hire Charges	18,986,133	16,984,940
3	Insurance	2,588,766	1,207,787
4	Repairs	3,097,807	3,772,071
	TOTAL	36,956,046	36,629,279

**SCHEDULE - K
MISCELLANEOUS**

SL.NO	DESCRIPTION	2023-2024 Rs.	2024-2025 Rs.
1	Air Ambient Quality Survey Expenses	43,775,531	47,756,762
2	Advertisement & Publicity	11,090,650	6,527,204
3	Appellate Authority Expenses	5,978,422	6,575,740
4	Bank Charges	39,363	79,192
5	Board Meeting / Other meeting Expenses	4,691,347	4,513,359
6	Wages	145,361,146	180,371,422
7	Contract Salary	13,699,547	16,937,104
8	Conveyance Expenses	179,704	136,576
9	DEE Legal sample	310,000	384,680
10	Electricity & Water Charges	19,321,177	20,333,968
11	Entertainment Expenses	31,967	38,278
12	Environment Study Expenses	11,774,206	43,378,440
13	Environment Training Institute Expenses	14,568	24,961
14	Funding to other Government Departments	1,373,595,173	1,203,037,894
15	Honorarium / Sitting Fees	160,000	195,000
16	Insurance of Assets	764,731	109,830
17	Land Maintenance Expenses	192,071	175,117
18	Newspaper and Periodicals	530,969	506,731
19	OCMMS Expenses	1,527	5,464,162
20	Office Expenses	3,732,084	7,754,831
21	Other Legal Expenses	429,788	291,043
22	Pollution Awareness Expenses	66,862,254	75,148,109
23	Postage Expenses	2,283,730	3,134,889
24	Printing & Stationery	8,206,382	10,951,781
25	Project Management Unit at Secretariat	4,472,343	1,100,817
26	Property Tax and Rates	3,347,972	11,882,083
27	Rates & Taxes	-	2,941,766
28	Rent on Buildings	7,609,005	8,913,938
29	Staff Welfare Expenses	5,576,136	8,475,712

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

**SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED ON 31st MARCH - 2025.**

**SCHEDULE - K
MISCELLANEOUS - Continuation**

SL.NO	DESCRIPTION	2023-2024	2024-2025
30	Sundries	5,293,956	1,353,274
31	Telephone Expenses	2,222,991	3,921,085
32	Trade Fair Expenses	2,139,935	3,188,124
33	Training and Seminar Expenses	848,840	3,824,202
34	NAAQM / NAMP Expenses	60,000	-
35	G20 Conference Expenses	40,553,474	-
36	Professional Charges	-	1,224,500
37	Sponsorship Programs	-	6,178,000
38	NAMP Expenses	-	24,340,990
	TOTAL	1,785,150,990	1,711,171,564

INCOME

**SCHEDULE - L
FEES**

SL.NO	DESCRIPTION	2023-2024	2024-2025
1	Consent Fees	2,758,525,001	2,851,665,806
2	Consent Fees Arrears	225,056,958	106,719,824
	TOTAL	2,983,581,959	2,958,385,631

**SCHEDULE - M
FEES FROM LABORATORY**

SL.NO	DESCRIPTION	2023-2024	2024-2025
1	Air Ambient Quality Survey	187,593,239	243,424,255
2	Analysis Fee	129,882,768	157,167,327
3	NAAQM / NAMP	36,528,881	-
4	Noise Level Measurement	35,000	45,000
5	NWMP / NAAQM	-	14,404,962
	TOTAL	354,039,888	415,041,544

**SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED ON 31st MARCH - 2025.**

INCOME

**SCHEDULE - N
MISCELLANEOUS**

SL.NO	DESCRIPTION	2023-2024	2024-2025
1	Appellate Authority Fees	249,115	605,000
2	Fees for Right to Information	71,291	47,896
3	Interest on Loans & Advance	520,294	425,892
4	Miscellaneous Income	3,495,372	1,244,505
5	Bank Interest	165,284	315,813
6	Public Hearing	4,927,102	6,918,192
7	Sale of Books	36,400	5,200
8	Tender Application Fees	10,000	80,000
9	Vehicle Emission Training Fees	48,000	40,750
10	Interest on Tax Refund	7,924	14,644
	TOTAL	9,530,782	9,697,892

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

**SCHEDULE FORMING PART OF BALANCE SHEET
AS ON 31st MARCH 2025.**

LIABILITIES

**SCHEDULE - O
OTHER DEPOSITS**

SL.NO	DESCRIPTION	2023-2024 Rs.	2024-2025 Rs.
1	Deposit- Abatement of Pollution	59,518,197	52,678,422
2	Deposit- Court / NGT	702,853,444	754,007,151
3	Deposit- Court -Coastal Zone Devpt.	3,000,000	3,000,000
4	Deposit- Court -Environmental Comp,	647,799,287	757,655,993
5	Deposit- Court -Oil Compensation	7,289,200	7,289,200
6	Deposit- NCAP	1,851,922	1,184,310
7	Earnest Money Deposit	19,283,517	8,594,493
8	Miscellaneous Deposits	779,143	779,143
9	Retention Money Deposits	170,707	170,707
10	Security Deposits	9,679,799	13,532,754
	TOTAL	1,452,225,216	1,598,892,173

**SCHEDULE - P
OTHER LIABILITIES**

SL.NO	DESCRIPTION	2023-2024	2024-2025
1	GST - Sales	228,076	306
2	GST (TDS)	355,309	393,310
3	Outstanding Liability	36,254,614	61,782,707
4	Pay Roll Liabilities	9,170,362	8,297,470
5	Salary Payable	39,390,911	41,144,151
6	Staff Claim Payable	195,398	203,225
7	Sundry creditors (Others)	14,880,470	212,042
8	Tax Deducted at Source (Others)	390,346	90,515
9	Tax Deducted at Source (Staffs)	3,906,384	1,523,766
10	Plastic Awareness Collector Fund	1,822,696	1,175,752
11	Journalist's Welfare Board	23,109	-
12	Tax Collected at Source (TCS)	14,745	-
13	Professional Tax	1,715	1,575
14	Pension Contribution Liability	937,217,196	492,013,033
15	EL Encashment Liability	-	21,234,093
16	JAN VISWAS - Penalty	-	200,000
	TOTAL	1,043,851,330	628,271,945

**SCHEDULE - Q
INCOME RECEIVED IN ADVANCE**

SL.NO	DESCRIPTION	2023-2024	2024-2025
1	AAQS Advance	-	115,800
2	Analysis Advance	845,890	1,250,340
3	Cess Fees	13,797,985	13,797,985
4	Consent Fees Advance	3,432,702,751	3,835,714,743
	TOTAL	3,447,346,626	3,850,878,868

ANNUAL STATEMENT OF ACCOUNTS 2024-2025

**SCHEDULE FORMING PART OF BALANCE SHEET
AS ON 31st MARCH 2025.**

ASSETS

**SCHEDULE - R
MISCELLANEOUS ADVANCES**

SL.NO	DESCRIPTION	2023-2024	2024-2025
1	Advance to Suppliers	132,534,148	215,595,725
2	Interest Receivable	242,495,511	69,480,183
3	Land Advance	20,462,468	20,462,468
4	Rent Advance	3,316,673	5,242,673
5	GSTR - 3B (RCM)	-	445,581
6	Prepaid Expenses	-	2,056,480
	TOTAL	398,808,800	313,283,110

**SCHEDULE - S
ADVANCES TO STAFF**

SL.NO	DESCRIPTION	2023-2024	2024-2025
1	Computer Advance	137,250	63,950
2	Festival Advance	971,000	987,600
3	Education Advance	-	147,500
4	Motor Vehicle Advance	399,000	1,271,600
5	Temporary Advance	838,561	229,770
6	Inoperative PAN Penalty Recovery	-	303,453
	TOTAL	2,345,811	3,003,873

**SCHEDULE - T
DEPOSITS**

SL.NO	DESCRIPTION	2023-2024	2024-2025
1	Customs Deposit	-	-
2	Electricity Deposit	1,592,748	1,810,223
3	Gas Deposit (Miscellaneous deposit)	43,129	43,129
4	Telephone Deposit	1,029,587	1,029,587
5	Security Deposits - Fuel	-	100,000
	TOTAL	2,665,464	2,982,939

**SCHEDULE - U
INVESTMENTS**

SL.NO	DESCRIPTION	2023-2024	2024-2025
1	Term Deposit - TNSC BANK	1,526,000,000	1,526,000,000
2	Term Deposit - Union Bank of India	1,000,000,000	-
3	Term Deposit - Canara Bank	2,338,032,411	2,408,975,624
4	Term Deposit - Indian Bank	1,352,592,571	-
5	Term Deposit - Indian Overseas Bank	940,300,000	-
6	Term Deposit - Power Finance	6,843,133,322	11,954,701,230
7	Term Deposit - Punjab National Bank	1,038,400,000	538,400,000
8	Term Deposit - TAICO	347,007,850	27,696,500
9	Term Deposit - T T D F C	2,634,523,523	3,534,522,349
10	Float Deposit- Canara Bank	529,720,488	432,887,596
11	Float Deposit - Indian Bank	211,369,121	154,515,372
12	Float Deposit- Indian Overseas Bank	435,000,000	328,000,000
13	Float Deposit - Punjab National Bank	282,080,000	157,530,000
14	Term Deposits - Court Others	-	643,000,000
15	Inter Corporate Deposits - TN Power Finance		1,079,650,000
	TOTAL	19,478,159,286	22,785,878,671

1. Significant Accounting Policies

1.1 The Back ground:

The Tamil Nadu Pollution Control Board (herein after as “Board”), was established on 27th February 1982 as per section 4 of Water (Prevention and Control of Pollution) Act, 1974, to exercise the powers conferred on and to perform the functions assigned to that Board under this Act. The Board is the regulatory body which enforces the prevention, control of Water, Air, Environment in the state of Tamil Nadu by various acts and rules, as amended from time to time. As per Rule 36 of the Tamil Nadu Water (Prevention and Control of Pollution) Rules, 1983 (hereinafter as “Rules”) this Annual Report consisting of Balance Sheet, Income & Expenditure Accounts and Receipts & Payments Accounts (herein after as “Financial Statements” or “Annual Statement of Accounts”) for the Financial Year 2024-25 is being prepared and presented.

1.2 Basis of Accounting:

- a) The financial statements of the Board have been prepared under the historical cost convention in accordance with the Generally Accepted Accounting Principles (GAAP) and as per the Rules, as amended and to the extent applicable.
- b) All financial transactions have been recognized on accrual basis. The preparation of financial statements in conformity with the GAAP requires that the management makes estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent liabilities as at the date of the financial statements and the reported amounts of revenue and expenses during the reported period. The Management believes that the estimates used in the preparation of the financial statements are prudent and reasonable. Future results could differ from those estimates.
- c) The activities of the Board do not fall within any of the ambits of classification of Non-Company Entities issued by the Institute of Chartered Accountants of India and hence the Accounting Standards related to Non-Company Entities are not applicable to the Boards financial statements.

1.3 Use of Estimates

In preparation of financial statements conforming to GAAP requirements certain estimates and assumptions are essentially required to be made with respect to items such as provision for doubtful debts, future obligations under employee retirement benefit plans, income taxes and the useful life period of Fixed Assets. Due care and diligence have been exercised by the Management in arriving at such estimates and assumptions since they may directly affect the reported amounts of income and expenses during the year as well as the balances of Assets and Liabilities including those which are contingent in nature as at the date of reporting of the financial statements.

To comply with GAAP requirements relating to impairment of assets, if any, the Management periodically determines such impairment using external and internal resources for such assessment. Loss, if any, arising out of such impairment is expensed as stipulated under the GAAP requirements. Contingencies are recorded when a liability is likely to be incurred and the amount can be reasonably estimated. To this extent the results may differ from such estimates.

1.4 Revenue Recognition

Revenue is recognized to the extent that is probable that the economic benefits will flow to the Board and the revenue can be reliably measured.

Revenue from Consent fees for Consent to establish is recognized as and when the same is collected and consent to operate fees is recognized upon raising of demand and collection. Revenue from Consent fees for arrears are recognized on cash basis whenever the collections happen. Revenue from Consent fees received in advance is recognized as income of respective financial years.

Revenue from sampling, analytical charges, service charges, other fees, etc are recognized as and when the same are collected.

Revenue from Interest on investments, earmarked funds and deposits with banks and others are recognized on a time proportion basis taking into account the amount outstanding and the rate applicable.

1.5 Fixed Assets (Property, Plant and Equipment)

Fixed Assets (Property, Plant and Equipment) are stated at the cost of acquisition less accumulated depreciation. The cost of acquisition includes taxes, duties, freight and other incidental expenses related to the acquisition and installation of the respective assets. Depreciation is provided as per provisions of Income Tax Act.

1.6 Impairment

All the fixed assets are assessed for any indication of impairment at the end of each financial year. On such indication, the impairment loss being the excess of carrying value over the recoverable value of the assets, are charged to the Income & Expenditure Account in the respective financial years. The impairment loss recognized in the prior years is reversed in cases where the recoverable value exceeds the carrying value, upon reassessment in the subsequent years.

1.7 Investments

The Long-Term Investments are carried at cost less provision made for any diminution in carrying value other than temporary. The short-term Investments are carried at lower of cost and fair value.

1.8 Inventories

Inventories consist of Lab chemicals, Glassware, Filter papers and Stores. The inventories are valued at cost, which is arrived under First in first out method.

1.9 Employee Benefits**Gratuity**

Gratuity is administered by a TNPCB Employees Gratuity Fund Trust and the fund is managed by the Life Insurance Corporation of India (Pension and Group Scheme Dept.) with effect from 26-03-1992. The contribution to the fund is made based on the Actuarial Valuation made by the LIC of India and the contribution is charged to revenue account of the Board.

Leave Encashment-Earned Leave

Till the financial year 2019-2020, contribution to Earned Leave is provided in the accounts as per Actuarial Valuation. Fixed Deposits are earmarked in the Books and transferred to separate fund account to meet out the liability. During the financial year 2020-2021, TNPCB Employees E.L. Encashment Fund Trust was created and is managing the Earned Leave benefits to the employees. The current financial year cost is paid/provided based on the demand raised by the Trust.

Pension:

Till the financial year 2018-2019, contribution to Pension is provided in the accounts as per Actuarial Valuation. Fixed Deposits are earmarked in the Books and transferred to separate fund account to meet out the liability. Now the TNPCB Employees Pension Fund Trust operated by Trustees as constituted by the Board for payment of Pension / Family Pension on par with Government Servants for the existing Pensioners / Family Pensioners and for future Pensioners / Family Pensioners who has been covered under Old Pension Scheme. The current financial year cost is paid/provided based on the demand raised by the Trust.

1.10 Taxes on Income

The Board has opted exemption u/s 10(46 A) of the Income Tax Act, which exempts the income tax on the income of the Board. Hence there are no provision for current tax is made for the amount of tax payable, if any, in respect of taxable income for the year under Income Tax Act, 1961. Also there are no deferred tax assets or liabilities considered necessary to be provided for.

1.11 Foreign Currency Transactions

There are no foreign currency transactions.

1.12 Leases

Lease rental in respect of operating lease arrangements are charged to expense on accrual basis as per the terms of the related lease agreement.

1.13 Provisions, Contingent Liabilities and Contingent Assets

Provisions are recognized when the Board has an obligation as a result of past events and it is probable that an outflow of resources will be required to settle the obligation and the amount can be reliably estimated. Obligations are assessed on an ongoing basis and only those having a largely probable outflow of resources are provided for.

Contingent Liabilities are recognized only when there is a possible obligation arising from past events due to occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Company or where any present obligation cannot be measured in terms of future outflow of resources or where a reliable estimate of the obligation cannot be made then the same is disclosed.

2 Notes on accounts:

2.1 Depreciation:

Depreciation is provided for as per written down value by applying the following rates as prescribed under the Income Tax Act and Rules.

Sl.No.	Particulars of Assets	Rate of Depreciation
1	Furniture & Fixtures	10%
2	Electrical Installation	10%
3	Building	10%
4	Office Appliances	15%
5	Vehicles	15%
6	Computer	40%
7	Lab Equipment's	40%
8	Library Books	40%
9	Software	40%

2.2 Fixed Assets:

The fixed assets have been physically verified by independent Officers of the Board at regular intervals. There are no deviation between physical verification and actual fixed assets as at the year end.

2.3 Pension:

The Board in its B.P.Ms. No:04 dated 03-02-2019 Read: Board Resolution No:276-3-3, dated 25-01-2019, Resolved for formation of Trust Deed and Rules of TNPCB Employees Pension Fund Trust. Accordingly, a sum of Rs. 3,70,00,00,000/- was transferred to TNPCB Employees Pension Fund Trust during 2019-2020.

The Board, further Resolved to authorize the Chairman, TNPCB to top-up towards the Pension and Earned Leave Encashment Fund whenever required based on the resolutions of the Trustees. A sum of Rs.1,10,66,76,316/-(this includes Rs.42,88,39,834 for the FY 2022-2023 & Rs.67,78,36,482 for the FY 2023-2024) was transferred to TNPCB Employees Pension Fund Trust during the year 2024-2025. For the FY 2024-2025 based on the accrual valuation, a provision of Rs.49,20,13,033/- is made towards Pension contribution payable to the Trust.

2.4 Family Security Fund:

The Board in its B.P.Ms.No.26, dated 09-12-2021 Read: Board Resolution No: 285-3-18 dated 30-11-2021 Resolved for Creation of TNPCB Employees Family Security Fund Trust by earmarking Rs.10,00,01,000/- be transferred from the Board's Funds towards Corpus Fund operated by Trustees as constituted by the Board for payment of financial assistance to the deceased family member on par with Government Servants. There is no contribution paid/payable for the current financial year towards Family Security Fund.

2.5 Earmarked Funds:

The Board is in the process of creating a separate fund of General Provident Fund (GPF) and Contributory Provident Fund Scheme (CPS) to the employees. Separate fund investments are kept to the extent of Rs. 78,56,78,805.71/- relating to these GPF and CPS funds. Once the separate fund trust are in operation these

investments shall be transferred to them for the utilization and management of that trust for meeting the obligation of GPF/CPS relating to the employees. The income from these investments are also earmarked to the respective fund account.

2.6 Consent Fees:

The Board is collecting consent fees from Industries. Since, the necessary information / data pertaining to Industries are available at District Offices, it is unascertainable whether all industries to which the provisions of the Act apply have paid consent fees. The consent fees receivable for those industries/units, who have not yet registered with the Board and raising of demand notice relating to those units are pending. However, when the industry/unit gets registered/make application to the Board, the consent fees is collected from the date the industry/unit is setup/operation. The fees related to the previous period are recognized as Consent Fees arrear and treated as current year income. A sum of Rs. 10,67,19,824/- is collected as Consent Fees Arrear and shown as current year income in the Income & Expenditure accounts. In the absence of information of such units, the consent fees receivable from them, if any, are not quantifiable.

2.7 Receivables:

a) Water Cess:

Cess receivable includes disputed amount from the following Thermal Stations / Local Bodies

Sl.No	Particulars	Amount in Rs.	Amount in Rs.
(i)	Ennore Thermal Power Station.	1,08,80,44,142	
(ii)	North Chennai Thermal Power Station	2,41,72,67,285	
(iii)	North Chennai Thermal Power Station	67,264	
(iv)	Tuticorin Thermal Power Station - II	3,46,11,26,306	
(v)	Other Industries	2,74,57,283	6,99,38,85,554
(vi)	Local Bodies		1,54,24,70,721
	Total		8,53,63,56,275

b) Project Study Receivable:

Rs.16,30,845/- has been paid to various agencies for conducting studies on environment issues. These sums were proposed to be collected from the industries to which the issues related to. However, these sums remain to be collected till date.

c) Amount receivable (Others) 99,44,521:

In the year 2018-2019 Rs.20,30,00,000/- has been paid for Eco restoration, protection and conservation work in Pallikaranai Marshland vide G.O.(Ms) No.99 Environment and Forests (FR.5) Department, dated 17-07-2018 is receivable from Principal Chief Conservator of Forests. – As per Govt Letter to be consider as grant as per Govt Lr. No (D).142/FR.9/2024 dated 14.08.2024 the same has been placed before the Board vide B.P No: 88 Dated: 06.12.2024 & has been treated as Revenue Expenditure. Balance amount of Rs. 99,44,521 /- are receivable from various others.

d) Position on balance outstanding in Ways & Means advance Payable / Receivable:

The sum of Rs.75.00 crores was received on 31.12.2011 and was disbursed to Noyyal River Acyacutdars Protection Association (NRAPA) Account on 23.01.2012. As per the terms and conditions of the G.O, the Board remitted Rs.15.00 crores to the Govt., as part refund on 22.10.2012. On 01.11.2012 the Hon'ble High Court of Madras quashed the G.O. (Ms). No. 209 Environment and Forests (EC-1) Department dated 31.12.2011 and directed the beneficiaries to refund the sum. Consequent to this the balance sum of Rs.50.90 crores in the Account of NRAPA was remitted to Board. The Board has remitted the balance sum Rs.60.00 crores to the Govt., A balance of Rs.24,07,52,716/- is due from NRAPA, which is shown as recoverable.

The Board is following up with the above Industries/Units for the recovery of the arrears and considering the possibility of recovery, the above amounts are shown as recoverable in the normal course. Any doubtful of recovery of those items are not ascertained and provision required, if any, for doubtful recovery is not considered.

2.8 Income tax exemption:

The Board's income was earlier notified as exempt under section 10(46) of the Income-tax Act, 1961 for the Assessment Years 2019-20 to 2023-24 vide Government of India Gazette Notification No. 58/2018 dated 26.09.2018. For the Assessment Year 2024-25 relevant to the financial year 2023-24 and onwards, the Board had applied for exemption under section 10(46A) of the Income-tax Act, 1961, a newly introduced provision.

Subsequently, the Central Board of Direct Taxes (CBDT), in exercise of the powers conferred under sub-clause (b) of clause (46A) of section 10 of the Income-tax Act, 1961, has issued Notification No. 169/2025 [F. No. 300195/59/2024-ITA-I] dated 04.12.2025, notifying "Tamil Nadu Pollution Control Board" as an eligible assessee for the purposes of section 10(46A) of the Act. The said notification is effective from the Assessment Year 2024-25, subject to the condition that the Board continues to be constituted under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, and carries out the purposes specified under section 10(46A)(a) of the Income-tax Act. In view of the above notification, the income of the Board continues to be exempt from income tax under section 10(46A) of the Income-tax Act, 1961, and accordingly no provision for income tax has been made in the financial statements for the current financial year.

2.9 Internal Audit and Internal Control System in place:

There are no Internal Audit function operating for the period under review, either in house or outsourced. Hence the internal audit is not adequate and not commensurate with the nature and size of the Organization. In view of this, the effectiveness of internal control, checks and balances thereof including implementation of Rules and Policies cannot be ascertained.

The Internal Audit function either in-house or outsourced should be established to conduct the internal audit functions regularly and the Internal Audit Report should be furnished each year to the appropriate authorities. Further, the post of Senior Manager (F&A) being a qualified Chartered Accountant is vacant for more than seven years, may have to be filled up.

2.10 Confirmation of balances:

For EMD/RMD/SD/Court, etc., Sundry Creditors, Advances to Suppliers, Deposits, Project study receivable, other receivables, obtaining of confirmation of balances are pending. The recoverability or otherwise of the amounts relating to these heads are subject to the outcome of settlement/payment/receipt and any excess/shortfall and provision to be made, if any, are not quantifiable. However, the Board is of the view that these amounts shall be recoverable/settled at the values stated.

2.11 Cess:

Consequent to implementation of the Goods and Services Tax Act, 2017 with effect from 01-07-2017, the Water Cess is subsumed Vide Ministry of Environment Forest & Climate Change, (MOEF & CC) Government of India, New Delhi's Letter No. Q-17015/4/2016-CPW, Dated 25-05-2017. The Board need not raise demand / collect Water Cess from industries and Local Bodies with effect from 01-07-2017. Out of the Cess collected and remitted to MOEF & CC, i.e., made prior to 01-07-2017, a total sum of Rs.13,27,79,941/- being 80% of reimbursement is due to be released by the MOEF & CC.

2.12 Land Advances:

The Company has land advances amounting to ₹2,04,62,468/- during the financial year 2024–25, which continue to remain pending for adjustment as at the reporting date.

2.13 Advance to Suppliers:

A total sum of Rs. **21,55,95,725** /- has been paid as Advance to Suppliers for purchase of assets / other expenditure and is pending for adjustment.

2.14 Position under Income Tax Act, 1961:

The Board's income has been assessed for the AY 2009-10, 2010-11, 2011-12 and 2012-13 against the NIL income filed by it in response to the notice served u/s 148 of the Income Tax Act. The income tax payable with interest as per demand revised u/s154, tax paid thereon and appeal, refund due is furnished hereunder:

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Assessment Year	Order Date	Original IT demand	Revised IT after rectification u/s154	Amount remitted till date	Appeal filed on
2009-2010	31-03-2016	16,18,50,415	13,85,99,044	2,07,89,857	28-04-2016
2010-2011	31-03-2016	58,38,11,570	54,55,28,843	8,18,29,326	28-04-2016
2011-2012		79,81,61,770	41,77,67,094	10,00,00,000	28-10-2015
	25-03-2015	80,000	80,000	plus, TDS of	
				1,20,13,110	
2012-2013	31-03-2016	30,36,35,459	25,27,61,641	3,79,14,246	28-04-2016
Refund of TDS Adjusted					
09-03-2018				9,720	
26-03-2018				14,250	
Amount Remitted to ACIT Chennai on 20-03-2018 as per Court Direction.				20,00,000	
Amount Remitted to ACIT Chennai on 03-05-2018 as per Court Direction.				20,00,000	
TDS Adjustment by TANGEDCO:					
2017-2018				12,035	
2018-2019				8,500	
TDS Adjustment by Canara Bank				69,44,324	
2018-2019 TDS Adjustment by Power Finance				5,49,265	
Tax refunded during 2021-22				-7,158	
Tax refunded during 2022-23				-30,070	
Tax refunded during 2023-24				-1,13,265	
TDS Deducted during 2023-24				9,97,19,706	
TDS Refunded during 2024-25				-4,18,446	
TDS Deducted during 2024-25				12,50,17,647	
Total		1,84,75,39,214	1,35,47,36,622	48,82,53,047	

The Appeals filed with Commissioner of Income Tax (Appeal) Chennai were dismissed in December 2017 and subsequently second level appeal with Income Tax Appellate Tribunal (ITAT) was filed on 28-02-2018. All the 5 appeals are partly allowed for statistical purposes by ITAT and Ordered vide Tribunal order dated 11-11-2019 as “In the interest of the natural justice, the issues in the appeals of the Assesses are restored to the file of the Assessing Office for re-adjudication after considering the directions issued by the Hon’ble Jurisdictional High Court in the W.P. No: 6281 of 2019 filed by TNPCB”. The giving effect order for the ITAT order is passed by the Assessing Officer on 22-01-2021, accepting the exempt u/s 10(46) and the taxable income at Rs. NIL for each of the above years. However, the refund on the above due to the Board is not yet released by the IT Department. The Board is following the refund

2.15 Building under Construction:

A total sum of Rs.32,39,80,085/- is shown as work in progress to be capitalized till the financial year 2023-24. Out of this a sum of Rs.1,72,77,642 is capitalised as Building, considering the assets have already been put to use and occupied by the Board. The depreciation of these assets is provided for as per the policy of the Board on Depreciation. Further during this year further advance paid to the extent of Rs.44,49,100/- is accounted for as Capital Work in progress under Building under construction. The closing balance as the year end is Rs. 31,11,51,543/- for which the construction/handing over/occupation/completion certificates are pending and hence these are shown as Works under Assets.

2.16 Contingent Liability:

A sum of Rs.7,63,25,790/- as quarterly interest is payable up to 31-03-2013 as per G.O.(Ms). No.209 Environment and Forests (EC-1) Department dated 31-12-2011. The Board has written to the Government for waiver of interest @ 12.00% & penal interest @ 2.50% in respect of Noyyal project, considering the favorable reply from the Government, the provisions for interest has not been provided for in the financials.

2.17 Bank Balances:

There are some of the fees received from parties have been deposited with the banks, which are not yet given credit by the banks for want of details and some of the cheques issued are not presented for payments by the payees and considering the long outstanding the same are treated as Miscellaneous income/expenses to the extent of Rs.1,58,688/-(net).

2.18 Other Scheme outstandings:

There are outstanding liabilities to the extent of Rs.3,70,28,420/- relating to subsidy for common effluent treatment plants environmental education fund, emergency response center, schemes, sponsorship for schemes. These items are outstanding for long time and any repayment or other adjustments to be made, depends on the closure/disbursement of those schemes. Pending the adjustment/repayment these items are shown as liabilities.

2.19 Funds to other projects:

Based on the various Government Orders, funds were released for various projects. In this connection, the Completion Certificate / Utilization Certificate have to be obtained in respect of: Eco Restoration projects Rs.38.67 Crores, Amma Eco park Rs. 4 Crores, CUBE -IIT Rs.3 Crores, Tree Plantation (Rs.6.80 Crores), Urban Arboretum in Greater Chennai Corporation (Paid to District Forest Officer, Chennai Forest Division) (Rs.1.39 Crores).

2.20 Funding to Other Government Departments:

Based on the various Government Orders, funds were released for various projects. In this connection, the Completion Certificate / Utilization Certificate have been obtained for an amount of Rs.31.65 against the Eco Restoration projects for Rs.38.67 Crores, Amma Eco park Rs. 4 Crores, CUBE -IIT Rs.3 Crores – UC Received for 94.38 Lakhs balance to be received, Tree Plantation (Rs.6.80 Crores), Urban Arboretum in Greater Chennai Corporation (Paid to District Forest Officer – UC Received, Chennai Forest Division) (Rs.1.39 Crores) – UC Received.

2.21 TDS payments:

There are TDS default for late filing, short deduction and interest on delay in filing total amounting to Rs.7,45,705/- as per the Income Tax Portal, which is under reconciliation with the IT Department and any amount payable will be considered once the outstanding demands are finalized.

2.22 Stock in hand:

The Stock in hand consists of lab chemicals, glassware, filter paper, and stores held by respective Units and HO. These items are valued at Cost and the cost formula used under First in first out method. The value of inventory as at the yearend is as certified by the management.

2.23 COURT DEPOSITS:

The Board has collected deposits as per the Court Orders to meet the expenses of respective units related to the issues on which the court has ordered and these collection of court deposits are shown as liabilities. The completion of implementation of orders of the court, spending for relevant items of court matters and any excess/short on a particular deposit to be adjusted against the respective expenditure are pending. Once the specific court deposit related project is completed the excess or short will be collected/refunded/adjusted as per court directions.

2.24 Investment in Deposits:

The surplus funds have been deposited with Banks, Institutions, etc. Till previous year the deposits along with Earmarked deposits are held in aggregate, the breakup of same was not given. Now the earmarked fund investment relating to Gratuity, EL, etc. have been transferred to respective Trust, the balances as at the year-end is disclosed bank/institution wise.

2.25 Investment in shares:

The Board has invested in the Equity Shares of Tamil Nadu Green Climate Company, a section 8 company, as per G.O.101, Environment, Climate Change and Forest (EC2) Department dt.3-11-2012 being 49% of the Company. The subscription

is 24500 Equity Shares of Rs.1000/- each amounting to Rs.2,45,00,000/- lakhs. The diminution in value of investment, if any, is considered to be temporarily and the investments are held as long term, the diminution in value is not provided for.

2.26 Previous year figures:

The Previous year figures have been regrouped or rearranged to confirm with current year classification.

J.Padma Malini.,
Financial Adviser

M.Saravana Kumar.M.E.,
Member Secretary

Dr.Jayanthi.M.I.F.S.,
Chairperson

As per our Report of Even Date
For M/s S B S B AND Associates
CHARTERED ACCOUNTANTS
Firm Regn.No: 012192S
UDIN: 26246539SJGUWH1403

Place: Chennai

Date:29.12.2025

Mahaveer Jain R
Partner

Membership No: 246539