

தமிழ்நாடு

மாக

கட்டுப்பாடு

வாரியம்

**TAMILNADU
POLLUTION
CONTROL
BOARD**

ஆண்டு அறிக்கை

ANNUAL REPORT

1996 - 97



ஆண்டுக் கணக்குகள்

ANNUAL ACCOUNTS

1996 - 1997





**ANNUAL REPORT AND ACCOUNTS
1996-1997**

**TAMILNADU POLLUTION CONTROL BOARD
CHENNAI - 600 032.**



ANNUAL REPORT AND ACCOUNTS
1996-1997

TAMIL NADU POLLUTION CONTROL BOARD
CHENNAI - 600 032



**ANNUAL REPORT FOR THE YEAR
1996-1997**

**TAMILNADU POLLUTION CONTROL BOARD
CHENNAI - 600 032.**



ANNUAL REPORT FOR THE YEAR
1986-1987

TAMILNADU POLLUTION CONTROL BOARD
CHENNAI - 600 032.

ANNUAL REPORT - 1996 - 97

CHAPTER - I

1.1 INTRODUCTION:

The water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974) was adopted in Tamil Nadu in August 1981. The Government of Tamil Nadu constituted the Tamil Nadu Prevention and Control of Water Pollution Board on 27.02.82. This was later renamed as Tamil Nadu Pollution Control Board. The Air (Prevention and Control of Pollution) Act, 1981 came into force on 16.05.1981.

1.2 FUNCTIONS:

The main functions of the Board are enumerated as under.

- * To plan a comprehensive programme for prevention, control and abatement of water and air pollution.
- * To encourage, conduct and participate in investigation and research relating to problems of Water, land and air pollution and its Prevention, control and abatement there of.
- * To inspect sewage and trade effluent treatment plants for their effectiveness and review the plans, specifications for corrective measures.
- * To lay down, modify or annul standards set for sewage/trade effluent and for emissions of air pollutants into the atmosphere from industrial plants and automobiles and for the discharge of any air pollutant into the atmosphere from any other source.
- * To evolve efficient methods of disposal of sewage and trade effluent on land.
- * To identify sites for storage and disposal of hazardous wastes.
- * To identify and monitor the isolated storage of hazardous chemicals.
- * To collect samples of sewage/trade effluent and emissions of air pollutants and to analyse the same for specific parameters.
- * To perform such other functions as may be prescribed by the State Government or Central Board.

CHAPTER - II

2.1 COMPOSITION OF THE BOARD

The Board is constituted by the State Government. It comprises of the Chairman, five Officials nominated by the State Government, five persons to represent local authorities, three non-officials to represent the interest of agriculture, fishery and industry, two persons to represent the companies or corporations owned by the Government and a full time Member Secretary. The composition of the Board may be seen at Annexure - 1.

2.2 ORGANISATIONAL SET UP

In the field Five Regional offices, Eighteen District Environmental Engineer's Offices and two Assistant Environmental Engineer's Offices are functioning for effective monitoring of industries and implementation of the provisions of the Acts. The Board has delegated powers to chairman to grant consent to all "Green Site" applications received from new industries. The Joint Chief Environmental Engineers in the Region are empowered to grant consent to existing green category industries. The Board has delegated powers to Joint Chief Environmental Engineers in the Region for renewal of Consent in the case of Red, Orange and Green category of small scale industries.

To assist the Board in monitoring industries, three Advanced Environmental Laboratories, Six District Environmental Laboratories and three Mobile Environmental Laboratories are functioning. These laboratories carry out analysis of samples of trade effluents and air emissions and hazardous wastes.

The total number of employees in the Board is 636.

The Organisation Chart of the Board and the Staff strength are furnished in Annexures II, III & IV respectively.

CHAPTER - III

PRESENT STATE OF ENVIRONMENTAL PROBLEMS AND COUNTER MEASURES.

The field Officers of the Board inspect each and every industry under their jurisdiction to assess the adequacy of treatment measures provided by the industries to treat industrial effluents and gaseous emission periodically. They also investigate complaints of pollution received from public, organisations and Government. Depending upon the category viz. Red, Orange and Green, the industries are monitored periodically as mentioned below.

Red Category

Large	:	Once in a month
Medium	:	Once in two months
Small	:	Once in 3-4 months

Orange Category

Large	:	Once in two months
Medium	:	Once in three months
Small	:	Once in 4-6 months

Green Category

Large	:	Once in 3 months
Medium	:	Once in 6 months
Small	:	Once in a year

3.1 The Board issues consent in two stages

- a. **Consent to establish:** This is issued depending upon the suitability of the site before the industry takes up building construction. During the year 96-97, Consent to establish has been issued under Water Act to 376 units, and under Air Act to 363 Units.
- b. **Consent to Operate:** This is issued after installation of the Effluent Treatment Plant and Air Pollution Control Measures to the satisfaction of the Board.

3.2 WATER POLLUTION CONTROL:

Tamil Nadu Pollution Control Board enforces the provisions of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1978 and 1988. Industries which discharge sewage/trade effluent are required to apply for consent of the Board. All the industries generating trade effluent have to provide effluent treatment plant to treat the trade effluent to satisfy the standards prescribed by the Tamil Nadu Pollution Control Board. Industries are constantly monitored regarding the functioning of their effluent treatment plants and samples of treated trade effluent are collected regularly to assess the quality of effluent discharged and also to assess the efficiency of the effluent treatment plants provided.

During the year 1996-97, 13,904 samples of sewage/trade effluent from the industries were collected and analysed.

During the year 1996-97 the Board has issued 1124 Consent orders under the Water (Prevention and Control of Pollution) Act 1974. Details of issue of consent (yearwise) are shown in Annexure - V.

3.3 AIR POLLUTION CONTROL:

Tamil Nadu Pollution Control Board enforces the provisions of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987. Industries which let out process emissions are regularly monitored through inspection of the Air Pollution Control measures provided by the units. Industries which have not installed any Air Pollution Control measures are persuaded to provide suitable Air Pollution Control measures within a time frame. Ambient Air Quality survey is conducted in and around the industries regularly. Stack emission survey is also conducted to assess the quality of emissions let out and on the basis of report of analysis, the industries are instructed to carry out necessary corrective measures. During the year 1996-97. Ambient Air Quality Surveys have been Conducted in 376 industries.

The Board has issued 1248 consent orders under the Air (Prevention and Control of Pollution) Act, 1981 during the year 1996-97. Details of issue of consent (yearwise) are shown in Annexure - VI.

3.4 COMMON EFFLUENT TREATMENT PLANTS

3.4.1 The effluents generated by the Tanneries and Textile Dyeing units in Tamil Nadu have been causing serious environmental problems. Since a large number of these units are in clusters and also in the Small Scale Sector, the Board has launched

a massive programme of setting up Common Effluent Treatment Plants on the principle of 'Polluter Pays' by which beneficiary units themselves, have to accept full responsibility for setting up, operate and maintain the treatment facilities. Tamil Nadu Pollution Control Board assists the units in mobilisation of financial resources, acquisition of land and in the technical scrutiny of the proposals for Common Effluent Treatment Plants.

3.4.2 FINANCIAL PATTERN OF CETP SCHEME:

- a. Subsidy by Central Government : 25% of the project cost subject to a max of Rs.50 lakhs.
- b. Subsidy by State Government : 25% of the project cost subject to a max. of Rs.50 lakhs.
- c. Beneficiary's Contributions : 20% of the project cost by way of share capital collection.
- d. Financial Institutions : Balance by way of loan from Financial Institutions such as IDBI.

3.4.3 STATUS OF COMMON EFFLUENT TREATMENT PLANT:

The Common Effluent Treatment systems are proposed in the following sectors.

Tanneries	:	27
Textiles & Dyeing Units	:	22
Sago	:	1
Hotel & Lodges	:	1
Incinerators for Hospital Wastes	:	1
Common Marine Disposal	:	1

The details of Common Effluent Treatment Plant Schemes and the fund so far received for the schemes from the State and Central Government are furnished in the Annexures VII and VIII.

During the year 1996-97, the Common Effluent Treatment Plant Schemes at Melvisharam, Madhavaram and Tiruchirapalli (Ramji Nagar) for tanneries have been commissioned and the CETP undertaken by TALCO at Dindigul has also been commissioned. So far 11 CETP schemes including the CETPs commissioned in the previous year at Pammal with UNIDO's assistance, SIDCO-Ranipet and Vaniyambadi, Udayathiram, Ranipet, Ambur (Thuthipet) and Pernambut (Bakkalapalli) undertaken by TALCO for tanneries have been commissioned. The Common Incinerator for Hospital wastes at Salem has also been commissioned in the previous year. Works on CETP's at Ayyampet - Muthialpet, four schemes at Karur, eight schemes at Tiruppur are under progress.

3.5 MANAGEMENT OF HAZARDOUS WASTES AND HAZARDOUS CHEMICALS

The GOI, MOEF have enacted the following rules under the Environment (Protection) Act, 1986 for management of Hazardous Substances.

1. Hazardous Waste (Management & Handling) Rules, 1989.
2. Manufacture, Storage and Import of Hazardous Chemicals Rules, (MSIHC Rules) 1989.

As per the above rules all generators or receivers of hazardous wastes for the purpose of collection, reception, treatment, transport, storage and disposal of hazardous wastes will have to obtain the authorisation of the Tamil Nadu Pollution Control Board. So far 962 applications in Form I, seeking authorisation for handling hazardous wastes have been received and 930 authorisations have been issued.

The Board is taking effective steps for safe disposal of hazardous wastes. As a first step, the Board has identified candidate sites in 9 Districts in the State for disposal of hazardous wastes and taken up measures to put up a Common Hazardous Waste Disposal site in an extent of 50 acres at Manallur Village in Tiruvallur District and 89.54 acres at Siruseri Village in Kancheepuram District for treatment and safe disposal of hazardous wastes generated from the industries in Manali and Ennore area and Madras and Kancheepuram Districts respectively. To assess the suitability of the site, National Environmental Engineering Research Institute (NEERI), Nagpur has been awarded the work to carryout comprehensive Environmental Impact and Risk Assessment Study at a cost of Rs.21.5 lakhs and Rs.10.5 lakhs at the two sites. The Environmental Impact and Risk Assessment Report for both sites has been completed and finalised. In respect of site at Siruseri Village, proposal for notifying the site has been forwarded to Government.

As per provision of MSIHC Rules, 1989 occupiers of Isolated Storages will have to notify the sites to the Tamil Nadu Pollution Control Board either in schedule 7 or Schedule 8 as applicable. So far 22 Isolated storages of Hazardous chemicals have been identified.

Import of Hazardous chemical is also covered under these rules. Units importing Hazardous Chemicals as listed in Schedule I of these rules should ensure that all the details of physical and chemical properties of hazardous Chemicals are maintained in the form of material safety data sheets. These rules empower Tamil Nadu Pollution Control Board to request the Port Trust authorities to take appropriate steps regarding safe handling and storage of Hazardous Chemicals.

3.6 LABORATORIES

To assist the Board in the monitoring of industries, the Tamil Nadu Pollution Control Board has established 3 Advanced Environmental Laboratories, 6 District Environmental Laboratories and 3 Mobile Environmental Laboratories to cover the industries located in various Districts. Samples of effluent are collected periodically and analysed. The details of samples analysed labwise during the period 1996-97 are shown at Annexure IX, X & XI.

CHAPTER - IV

MONITORING NETWORK FOR QUALITY OF AIR, WATER AND SOIL

4.1 AIR QUALITY MONITORING:

4.1.1 NATIONAL AMBIENT AIR QUALITY MONITORING (NAAQM):

The necessity to assess the Ambient Air Quality in the State of Tamil Nadu gains significance due to industrialisation, transportation and other man made activities which have direct impact on the human beings, vegetation and monuments of historical importance. Keeping this fact in view, the Tamil Nadu Pollution Control Board has been monitoring the air quality in and around the city of Chennai since 1987. This project is sponsored by Central Pollution Control Board. Though initially there were five stations, these have been reduced to three as per instructions of the Central Board. These stations are functioning in the following places.

(a) Manali - Industrial Zone

(b) Kathivakkam - Industrial Zone

(c) Thiruvotriyur - Mixed Zone

Each station is run on 24 hours basis, twice a week. Samples collected from these stations are analysed for Suspended Particulate Matter (SPM) and gaseous pollutants like sulphur - dioxide and oxides of nitrogen. This project has been extended to Tuticorin, Coimbatore, Salem and Madurai also.

At Tuticorin, Ambient air quality stations are functioning from the year 1988 in the following locations.

(a) Regional Industries Laboratories - Industrial Zone

(b) Fisheries College - Industrial Zone

(c) AVM Building - Commercial Zone

At Coimbatore, the Ambient Air Quality Stations are functioning from the year 1991 in the following places.

- (a) Collectorate Office Building - Mixed Zone
- (b) Saibaba Colony - Residential Zone
- (c) SIDCO Building - Industrial Zone

At salem, the Ambient Air Quality Stations is functioning, in the following area from July 1996 onwards.

- (a) Sowdeswari College - Mixed Zone

At Madurai, the Ambient Air Quality Stations are functioning from July 1996 in the following area.

- (a) TVS Guest House - Residential Zone
- (b) Sennar India Employee's Association Building - Industrial Zone
- (c) Kunnathur Chatram Residential - Commercial cum Residential Zone

4.1.2 AIR QUALITY IN CHENNAI CITY:

The Ambient Air Quality survey carried out under NAAQAM Project shows that the minimum and maximum level of Suspended Particulate Matter is 37 and 559 microgram per cubicmetre respectively. The minimum and maximum level of SO_2 is 0.3 and 103 microgram per cubicmetre respectively. The minimum and maximum level of NO_x is 1.3 and 32 microgram per cubicmetre respectively. However the annual average concentration of SPM, SO_2 and NO_x are generally within the standards.

4.1.3 AIR QUALITY IN COIMBATORE, TUTICORIN AND SALEM:

In Coimbatore, the minimum and maximum level of Suspended Particulate Matter is 32 and 266 & SO_2 is BDL and 11 & NO_x is 1 and 16 microgram per cubicmetre respectively.

In Tuticorin, the minimum and maximum level of SPM is 5 and 150 & SO_2 is 0.3 and 55 & NO_x is 4 and 57 microgram per cubicmetre respectively.

In Salem, the minimum and maximum level of SPM is 55 and 275 & SO_2 is 0.5 and 74 & NO_x is 3 and 67 microgram per cubicmetre respectively.

In Madurai the minimum and maximum level of SPM, SO₂ and NO_x are 49.24 & 381.65 mg/m³ and 2.47 mg/m³ and 3.19 and 40.56 mg/m³ respectively.

However the annual average concentration of SPM, SO₂ and NO_x are generally within the standards.

4.1.4 CONTINUOUS AMBIENT AIR QUALITY MONITORING SYSTEM AT MANALI INDUSTRIAL COMPLEX:

The continuous Ambient Air Quality System is functioning at the premises of M/s, Manali Petrochemicals Ltd., in the Manali Industrial Complex to monitor the Ambient Air Quality prevailing in that area.

The system is capable of measuring the Ambient Air Pollutants, such as SO₂, NO_x and CO instantaneously. Also the instrument is provided with a printer to obtain hourly and 24 average values automatically.

The system started functioning effectively from the month of July 1996.

Although all the observed values of the Ambient Air Quality system at Manali Industrial Complex were under the permissible limit prescribed by the Tamil Nadu Pollution Control Board, some higher mean concentration values of SO₂ and CO were observed during the period from July'96 to February 97'.

4.2 WATER QUALITY MONITORING:

Inland Water Quality Monitoring is being done under two major programmes, namely

- * Monitoring of Indian National Aquatic Resources System (MINARS)
- * Global Environmental Monitoring System (GEMS)

4.2.1 MONITORING OF INDIAN NATIONAL AQUATIC RIVER SYSTEM (MINARS)

The following rivers and also lakes are being monitored for quality under this project.

- A. River Cauvery
- B. River Thamiraparani
- C. River Palar
- D. River Vaigai

This project is funded by the Central Pollution Control Board, New Delhi.

4.2.1.1 RIVER CAUVERY:

River Cauvery is one of the perennial rivers in Tamil Nadu State which drains more than one third of the State. River Cauvery is identified as a major river for studying the impact of pollution caused by various activities of domestic and industrial sectors.

Quality of water in River Cauvery is being monitored at 16 places along the river. These places have been selected on the basis of the location of outlets for the discharge of industrial effluents and domestic wastes.

23 Physico - Chemical and biological parameters are analysed in respect of each of the monitoring stations and analysis is done at Advanced Environmental Laboratory, Salem. Sampling is done on monthly basis. The pH values varied from 6.1 to 9.5 and Bio-Chemical Oxygen Demand values generally varied from 1.3 to 39.4. The overall analysis of data reveals that the faecal contamination of surface water of River Cauvery is a common phenomenon all along the course of the river basin due to the unhygienic anthropogenic activities and disposal of either untreated or partially treated municipal waste into the river systems directly or indirectly.

The Pollution Abatement proposals for five stretches of river Cauvery namely Tiruchirapalli, Erode, Bhavani, Pallipalayam and Komarapalayam as prepared by Tamil Nadu Pollution Control Board are under various stages of implementation by the Tamil Nadu Water Supply and Drainage Board and by the concerned Local Bodies under National River Action Plan. The implementation of the work is coordinated by Director of Environment, Chennai.

4.2.1.2 RIVER THAMIRAPARANI:

The Tamil Nadu Pollution Control Board has been monitoring the water quality of Thamiraparani on a monthly basis at 7 Stations. Various Physico-Chemical parameters and biological parameters are analysed in respect of each Monitoring Station. Analysis is done at Advanced Environmental Laboratory, Madurai.

The water quality study at seven points in the river Thamiraparani under MINARS Project shows that the level of pH and Bio-Chemical Oxygen Demand varies from 6.5 to 8.4 and 2.0 to 5.4 mg/litre respectively. From the mean values of the characteristics, it is found that the water quality of the river meets the standards prescribed for surface water criteria under class "C" except faecal and total coliform.

4.2.1.3 RIVER PALAR:

One station viz., Vaniyambadi Municipal Head Works is being monitored every month under this project. Analysis of water samples is done at Advanced Environmental Laboratory, Chennai.

From the mean values of the characteristics, it is found that most of the characteristics meet the water quality criteria prescribed for inland surface waters under class "C" except the faecal and total coliform.

4.2.1.4 RIVER VAIGAI:

The water quality of Vaigai river basin is being monitored under this programme by collecting sample every month from the collection well of Thirubuvanam Head Works and analysed for Physico-Chemical and bacteriological characteristics.

Most of characteristics were found to satisfy the water quality criteria fixed for inland surface water class "C".

4.2.1.5 LAKES:

Under this programme 3 important lakes of Tamil Nadu at Udhagamandalam, Kodaikanal and Yercaud are identified and monitored by collecting samples once in three months.

Most of the Physico-Chemical and Bacteriological Characteristics are found to satisfy the water quality criteria fixed for inland surface water under class "C" in the lakes. The total Coliform and faecal coliform in the Udhagamandalam lake are found to be very high, due to discharge of sewage and sullage water into the lake and in case of Yercaud lake, these values are slightly high.

4.2.2.0 GLOBAL ENVIRONMENTAL MONITORING SYSTEM (GEMS)

Under the Global Environmental Monitoring System, 4 stations have been identified in river Cauvery basin and are regularly monitored every month. The project is funded by the Central Pollution Control Board.

The monitoring stations are located in the following places.

- (a) Mettur
- (b) Pallipalayam
- (c) Musiri
- (d) Musiri - borewell

19 Physico - Chemical and biological parameters are analysed in respect of each stations. Analysis is done at Advanced Environmental Laboratory, Salem.

In general, from the mean values of the characteristics, it is observed that the river water quality at the above places meet the standards prescribed for surface water criteria under class "C" for all parameters, except the parameters of Total Coliform, Faecal coliform and pH. The observed ranges of Total Coliform, Faecal coliform and pH is from 2 to 9000 MPN/100ml, 2 to 24,000 MPN/100 ml, and 6.97 to 9.43 respectively.

4.3.0 MONITORING OF WATER QUALITY OF CITY WATER WAYS OF CHENNAI CITY.

Tamil Nadu Pollution Control Board is monitoring the water quality of Chennai City waterways namely, the Cooum, Adyar, Buckingham Canal and Otteri Nullah from the year 1989. Regular water samples are taken from the four city water ways at monthly intervals. The number of sampling points is as follows.

Sl. No.	River	No. of Sampling Points/locations	
		in River	at outfalls
1.	Adyar	5	14
2.	Cooum	11	6
3.	Buckingham Canal	10	21
4.	Otteri Nullah	8	6

Tamil Nadu Pollution Control Board is also monitoring the outfalls from various industries that discharge effluents into city waterways and also the outfalls from sewage treatment plants of the city. During the year 96-97, 1280 samples were collected and analysed at Advanced Environmental Laboratory, Chennai.

In general, Chennai City Waterways are contaminated by various organic and inorganic pollutants received from domestic, industrial and other man-made activities. The levels of contamination of the pollutants are relatively higher during summer and premonsoon seasons and considerably low during monsoon season. The level of pollutants exceeded the tolerance limits prescribed for surface water and the waterways more or less serve as a drainage channel which eventually deteriorate the fragile coastal marine eco-system. Action is being taken with all the concerned departments to abate pollution in the waterways.

4.4.0 MONITORING OF COASTAL WATERS OF TAMIL NADU COAST:

The Tamil Nadu Pollution Control Board has been monitoring the Tamil Nadu Coastal water quality at regular intervals. A total number of 32 coastal stations under 5 sectors were identified along the Tamil Nadu coast starting from Ennore to Kanyakumari. Sea water samples and sediments were collected and various physico-chemical and biological parameters for these samples were analysed.

In general the quality of the coastal water showed high level of contamination by domestic sewage and other organic wastes as evidenced by the values of Nitrate and Phosphate and Petroleum hydrocarbons. The present study indicates that there is need for continuous monitoring in the stations for better management of coastal eco-system.

4.5 VEHICULAR EMISSION MONITORING:

4.5.1 VEHICULAR EMISSION MONITORING IN CHENNAI CITY.

Tamil Nadu Pollution Control Board has established three vehicular emission testing centres at Guindy, Royapuram and Thirumangalam in Chennai city and conducting vehicular emission test since 2.5.92.

During the year 1996-97 totally 27,776 vehicles were tested. Among the total vehicles tested 13.7% of diesel driven vehicles and 5.4% of petrol driven vehicles did not comply with the emission standards. Emission under control certificate for the vehicles not complying with the emission standards was issued only after corrective measures to comply with the emission standards are taken.

Board has also carried out joint emission checkups in co-ordination with officials of Transport Department and Traffic Police.

4.5.2 VEHICLE EMISSION MONITORING IN DISTRICTS:

As per amendment in the Tamil Nadu Motor Vehicles Act, 1989, vide G.O. Ms.No.1181 Home (Transport V) Department dated 26.8.96, testing of all vehicles except Goods Transport Vehicles in Chennai Urban Agglomeration area to be entrusted to private testing agencies, which are to be authorised by Transport Department in coordination with Pollution Control Board, Tamil Nadu Pollution Control Board to continue to issue test certificates in respect of Goods Carriage vehicles for obtaining fitness certificate and to issue test certificates for all transport vehicles in Kancheepuram, Thiruvallur, Dindigul and Udthagamandalam Districts. Accordingly Board has commissioned one Vehicle Emission Monitoring Station at Udthagamandalam on 26.8.96 and 2 stations at Dindigul and Palani on 10.3.97.

In Dindigul and Palani, a total of 381 vehicles were tested, in which 78 no. of vehicles exceeded the emission limit.

Tamil Nadu Pollution Control Board imparts training to the private entrepreneurs who opt for setting up emission testing centres.

4.6 MONITORING OF 17 CATEGORIES OF HIGHLY POLLUTING INDUSTRIES:

The Ministry of Environment and Forests, Government of India, New Delhi vide Gazette Notification No.66/Dt.12.2.92 has fixed a deadline for the 17 categories of highly polluting units to install the requisite facilities to meet the standards. In Tamil Nadu 119 industries were identified as highly polluting units and the Chief executives of all the units were called for discussions. Based on the discussions, action plan has been evolved for each unit to improve the existing treatment facilities with time bound programme to achieve the standards prescribed by the Board under Water and Air Acts.

Out of 119 Medium and Large Scale Industries, 116 units have provided adequate pollution control measures to comply with Tamil Nadu Pollution Control Board Standards and the remaining 3 units have been instructed to provide adequate pollution Control measures to comply with Tamil Nadu Pollution Control Board Standards.

4.7 OZONE MONITORING CELL:

Tamil Nadu Pollution Control Board has established Ozone Monitoring Cell as per G.O. Ms.No.212 dated 29.6.95 functioning since 1.9.95.

The main objectives are:

- * Survey, identify and have an inventory of the industries in the State, producing or consuming Ozone Depleting Substances (ODS).
- * Estimate the present demand and make future projections.
- * Study the scope of the application of environmental friendly substitutes.
- * Commit to phaseout Ozone Depleting Substances by year 2010 for essential uses.

Tamil Nadu Pollution Control Board has conducted a detailed survey of the industries in the State producing or consuming Ozone Depleting Substances. From the survey 55 industries in the State have been identified to consume ODS. The quantity of various ODS used in the State was also estimated. The identified industries were then suggested on the adoption of alternatives with Zero ODS depending on the controlled substance used. Board acts as a catalyst in phasing out ODS by the year 2010 from essential uses.

CHAPTER - V

ENVIRONMENTAL STANDARDS:

The Board has evolved standards for trade effluents depending upon the mode of disposal either into inland surface water, sewer, marine coastal areas or on land. Treated effluent from the industries must satisfy the respective standards.

The Board has evolved Ambient Air Quality standards and emission standards for thirteen specific industries.

Tamil Nadu Pollution Control Board is monitoring the units so that they adhere to the standards prescribed by the Board.

4.7 OZONE MONITORING CELL:

Tamil Nadu Pollution Control Board has established Ozone Monitoring Cell as per G. O. Ms No 212 dated 29.6.95 functioning since 1.9.95. The main objectives are:

- Survey, identify and have an inventory of the industries in the State producing or consuming Ozone Depleting Substances (ODS).
- Estimate the present demand and make future projections.
- Study the scope of the application of environmental friendly substitutes.
- Commit to phase-out Ozone Depleting Substances by year 2010 for essential uses.

Tamil Nadu Pollution Control Board has conducted a detailed survey of the industries in the State producing or consuming Ozone Depleting Substances. From the survey 58 industries in the State have been identified to consume ODS. The quantity of various ODS used in the State was also estimated. The identified industries were then suggested on the adoption of alternatives with Zero-ODS depending on the controlled substance used. Board acts as a catalyst in passing out-ODS by the year 2010 from essential uses.

CHAPTER - VI

6.1 PROSECUTION LAUNCHED AND CONVICTION SECURED FOR FAILURE TO CONTROL POLLUTION:

The Board has so far issued Show Cause Notice to 3037 industries and closure order to 440 industries for not complying with the conditions, prescribed by the Board. Also the Board has filed 320 cases under the Water (Prevention and Control of Pollution) Act, 1974 and out of 182 cases disposed, 90 cases have been decided in favour of the Board. The Board has filed 134 cases under the Air (Prevention and Control Pollution) Act, 1981 and out of 111 cases disposed, 79 cases have been decided in favour of the Board.

6.2 LEGAL ACTIONS:

6.2.1 Constitution of Green Bench:

During the year 1996-97, the Hon'ble High Court of Madras has constituted a Green Bench as per the directions of Honourable Supreme Court of India to deal with the cases pertaining to tanneries and environmental related cases. The Green Bench is sitting every Thursday.

6.2.2 Constitution of Ecological Authority:

Ecological Authority has been formed by the Central Government to deal with the situation created by the Tanners and highly polluting industries in the State of Tamil Nadu with all the powers under Environment (Protections) Act, 1986.

6.2.3 Action against pollution from Dyeing Units:

The Hon'ble High Court of Madras has ordered to close 114 Dyeing units, which have closed themselves but having facilities to operate and 54 units which have shown no progress in implementing Effluent Treatment Plants in Tiruppur area, Coimbatore District. Out of the total 866 Dyeing units, the remaining 698 units have been permitted to operate with a condition that they shall install Effluent Treatment Plant and obtain the consent of the Board before 22.10.97.

6.2.4 Action against pollution from Foundries:

For the total 535 Foundry units located in Coimbatore District, the Hon'ble High Court has issued directions to close the Foundry units located in the Primary Residential areas. For the units located in Mixed Residential areas, the Tamil Nadu Pollution Control Board shall consider the cases with reference to Master Plan and development rules under the Tamil Nadu Town and Country Planning Act. For the remaining 374 units, time has been extended upto 31.12.97 for them to provide Air Pollution Control Measures and obtain the consent of the Board.

6.2.5 Action against pollution from Tanneries:

Out of 895 tanneries in Tamil Nadu 642 units have obtained consent of the Board and are under operation since they have provided ETP individually or collectively. The remaining 253 units are under closure as per the Court Directions for failure to put up Effluent Treatment Plants individually or collectively.

6.2.6 Action against pollution from Aquaculture Units:

About 910 Aquaculture farms and 54 Hatchery units are in Tamil Nadu. The Hon'ble Supreme Court of India has issued directions to close these Aquaculture and Hatchery units coming under Coastal Regulation Zone Notification before 31.3.97, Which has been further granted time upto 31.08.97.

6.2.7 Action against pollution from Stone Crushing Units:

There are 83 stone crushing units located in and around Trisoolam area in Kancheepuram District. The Hon'ble Supreme Court of India by its order dated 25.4.96 has issued directions that no stone crusher or quarries shall be permitted within 500 mts. from residential area. Further the High Court of Judicature in its Judgement dated 29.11.96 has ordered to close down 53 units in Trisoolam area, if they are not shifted to some other no-objectionable places. The remaining 30 units were ordered to be closed by High Court earlier.

CHAPTER VII

During the period from April 1996 to March 1997, EIGHT Meetings of the Board were held at Chennai as listed below:

Sl.No.	No. of subjects placed	Meeting No.	Date
01	41	152	30.05.96
02	30	153	04.07.96
03	30	154	09.08.96
04	13	155	20.09.96
05	14	156	09.10.96
06	20	157	08.11.96
07	15	158	23.12.96
08	41	159	14.02.97

CHAPTER VIII

8. COMMITTEES CONSTITUTED BY THE BOARD AND THEIR ACTIVITIES:

8.0. During the period from April 1996 to March 1997, no new committee was constituted by the Board.

For more effective disposal of business, certain committees, were already constituted by the Board. These are detailed below.

8.1 JOINT STANDING COMMITTEE:

Small Scale Industries have been making representations on various problems faced by them in the implementation of pollution control Laws. A Joint Standing Committee with the representatives of Tamil Nadu Pollution Control Board and Small Scale Industries in Tamil Nadu has been formed to sort out the difficulties through periodical meetings.

8.2 TECHNICAL ADVISORY COMMITTEE:

To assist the Board in its various functions, such as evaluation of standards for various pollutants in effluent and emission, evaluation of economical effluent treatment methods for various industries etc., the Board has constituted a Technical Advisory Committee consisting of experts in various fields.

8.3 LIBRARY COMMITTEE:

To streamline the system of purchase of publications for the library and to suggest measures for its improvement and better maintenance, a Library Committee has been constituted. The committee reviews periodically the requirements and functioning of the library. During the year 2 meetings were conducted.

Total number of 4577 books, 32 Video/Audio Cassettes and 48 no. of journals, subscribed are in the Library.

8.3.1. BOARD HAS MEMBERSHIP IN THE FOLLOWING:

1. Chemical Industries Association.
2. International Association on water quality.
3. British Council Division.
4. United States Information Service.
5. Indian Environmental Association.
6. Anna University Library.

The Library has also been provided with 2 computers by DANIDA. DANIDA has also provided 600 books and Internet facilities for the Library.

CHAPTER - IX

9.1 ENVIRONMENTAL TRAINING:

With a view to promote environmental awareness, Senior Officers, Engineers/ Scientists and also Ministerial Staff have participated in Training/Seminars/ Workshops all over India and abroad.

The Board has set up an Environmental pavilion inside the premises of the Periyar Science and Technology Centre at Kotturpuram, Chennai. The Pavilion has a permanent Exhibition centre and an Auditorium with facilities like audiovisual equipments such as public address system, slide and over head-projector, as well as 60 m.m. projector to be used by the Board and NGOs.

9.2 ENVIRONMENTAL TRAINING INSTITUTE:

Tamil Nadu Pollution Control Board has set up an Environmental Training Institute with Danish Assistance of Rs.4.0 crores in the 3rd floor of Corporate Office, Guindy.

The main objective of the Training institute is to impart training to staff of pollution control Board, personnel from Industries and Non-Governmental Organisations to make them competent and capable of controlling and advising small, medium and large industries on pollution treatment and prevention techniques suitable to their needs. Upto the year ending 1996-97, the Environmental Training Institute has conducted 22 training programmes and trained 375 participants in total.

CHAPTER - X

ENVIRONMENTAL AWARENESS AND PUBLIC PARTICIPATION:

The Board has been playing a catalytic role in the creation of environmental awareness among the public, students etc., and has been participating in seminars and workshops related to environmental issues.

Tamil Nadu Pollution Control Board gives away awards every year on World Environment Day for winners of Essay Competition, Elocution Competition and Drawing / Cartoon / Painting Competition conducted for students on Anna's Birth day, Gandhiji's Birthday and Nehru's Birth day respectively. These Competitions are organised to highlight the awareness of environment and pollution control among the public and industries.

A State level awards are proposed to be distributed to industries on World Environment day to best maintained Effluent Treatment Plant, Air Pollution Control Measures and clean Environment.

The Board is participating every year in Republic Day Parade and a Pageantry carrying the models of various activities of the Board is kept on display. In order to create Environmental Awareness among the Public and industries, the Board is participating every year in various Exhibitions/Trade Fairs conducted at Island Grounds, Chennai and in New Delhi.

Board is publishing a Newsletter for environmental awareness and the Newsletter and other pamphlets, published are distributed among the Industries, NGOs, Institutions etc.. Board has installed a traffic signal to regulate the city traffic with slogan of Environmental Protection at Guindy Junction.

Tamil Nadu Pollution Control Board has participated in the Eco-Friendly week sponsored by M/s. Bajaj Auto Limited, held between 4.1.1997 and 7.1.1997 at Chennai and participated in the Oil Conservation Fortnight Celebrations in coordination with the Petroleum Conservation Research Association, Hindustan Petroleum, IOC, MRL and ONGC by way of conducting free emission test for both petrol and diesel vehicles.

CHAPTER XI

FINANCE AND ACCOUNTS OF THE BOARD (PROVISIONAL FIGURES SUBJECT TO AUDIT)

	Rupees in lakhs.
Opening Balance	899.26
Expenditure during year 1996-97	731.83
Receipts	1992.50
Closing Balance as on 31.3.97	2159.93

DETAILS:

Receipts Of the Board -

Grants received From State Government	53.99
Grants received from Central Government	-
Consent fees	742.71
Monitoring and analysis charges	113.82
Cess reimbursement	437.03
Sale of Application Form & Books	9.49
Others	635.46

Total 1992.50

EXPENDITURE REVENUE:

1. Salary and GPF	448.05
2. T.A. and L.T.C.	17.38
3. Office Expenditure	<u>160.67</u>
(Stationery, Rent, Vehicle, Telephone, Printing, Hospitality, etc.)	
	626.10

CAPTIAL:

1. Fixed Assets	48.10
2. Other Assets	34.90
3. Advances to staff	<u>22.73</u>
	105.73
Sub Total	<u>731.83</u>

CHAPTER XII

ANNUAL PLAN 1996-1997 OUTLAY AND EXPENDITURE OF STATE SCHEMES:

Sl. No.	Head of Development Group Head/Name of scheme	Ninth Five Year plan outlay	Actual Expenditure 1995-96	1996-97 Approved outlay	Anticipated Expenditure	1997-98 proposed outlay	of which capital content (Tentative)
01	State Plan	1996-2000					
02	Prevention of Air and Water Pollution						
03	Control of Water and Air Pollution Establishment of continuous Air Quality Monitoring system at Tuticorin & Cuddalore	Yet to be received	55.76	80.00	80.00	90.32	71.03

113.82

437.03

9.49

632.48

1992.20

Total

448.05

17.38

160.67

628.10

48.10

14.90

22.73

108.73

731.83

Sub Total

CHAPTER XIII

OTHER IMPORTANT MATTERS DEALT WITH THE BOARD

13.1 MONITORING OF ECOLOGICALLY SENSITIVE AREAS:

Ecologically sensitive areas like Pichavaram Mangrove forests, Kodaikanal and Udthagamandalam lakes etc., are nature's gifts and need to be protected and pollution in the vicinity of these areas needs to be monitored. The Board has taken up monitoring of ecologically sensitive areas.

13.2. IMPLEMENTATION OF PUBLIC LIABILITY INSURANCE ACT, 1991.

The purpose of the above Act is to provide immediate relief to the persons affected by accidents occurring while handling any hazardous substances and for matters connected with or incidents there to. So far 83 units have taken the Insurance Policies.

13.3 ENVIRONMENTAL SUSTAINABILITY AT MANALI:

Manali area is a large industrial complex and the pressure is to locate more industries there. At present there is no reliable data on the capability of the existing receiving bodies to meet the increased pollution loads. To assess the sustainability of the area, a study has been initiated at a cost of Rs.40.5 lakhs. The Centre for Pollution and Bio-Waste Energy, Pondicherry (Central) University has been assigned the work and it is in progress.

13.4. ENVIRONMENTAL STATEMENT:

The Ministry of Environment and Forests, Government of India have enacted new rule called Environmental Audit by a Gazette Notification on 13th March, 1991 (amended vide Notification GSR 386 (E), Dated 22nd April 1993) as Environmental Statement, 115 industries have furnished the Environmental Statement as required under Section 6 and 25 of the Environment (Protection) Act, 1986.

Environmental Statement have been obtained from all the 17 category of highly polluting industries to assess their compliance with the standards prescribed by the Board.

13.5. APPLIED RESEARCH AND DEVELOPMENT:

Tamil Nadu Pollution Control Board has established an Applied Research and Development wing in the Advanced Environmental Laboratory at Chennai with a view to develop cleaner technologies that would reduce the generation of Pollution. The wing in consultation with University of Chennai has prepared a research project entitled "Bio-Treatment of Tannery effluent by Microbs" to study the degradation of tannins and other organic and inorganic compounds of tannery effluent. Selected tanneries have been identified for implementing the project.

13.6 WORLD BANK ASSISTED INDUSTRIAL POLLUTION CONTROL PROJECT:

World Bank is providing assistance for institutional strengthening of the selected State Pollution Control Boards in India under Industrial Pollution Control Project through Ministry of Environment and Forests, Government of India. Tamil Nadu Pollution Control Board is one of the State Boards provided with the assistance to the extent of US \$ 2.517 Million. The financial assistance is towards the procurement of equipments for institutional strengthening. Board has so far received Rs.71.88 lakhs worth of equipments and other components under the project in Phasel.

13.7 RESEARCH FUND:

Tamil Nadu Pollution Control Board has set up a research fund to grant Financial Assistance to recognised Research Institutions and Universities for taking up research in the field of pollution abatement including reduction / reuse / recycling or any beneficial use of waste generated with a view to developing sound environmental technologies. Board has received 15 such project proposals from Universities / Research Institutions which were critically evaluated by an Expert Committee constituted by the Board. Based on the recommendations of the committee, the Board considered 5 projects at a cost of Rs.24.41 lakhs, for which a sum of Rs.17.46 lakhs has been allotted by the Board for the year 1997 - 98.

ANNEXURE - I

LIST OF BOARD MEMBERS

Sl. No.	Name and address	Position	Period	
			From	To
1.1	Thiru.Ashoke Joshi, I.A.S.,	Chairman	1.4.96	26.5.96
1.2	Thiru.A.P.Muthuswami., I.A.S.,	Chairman	27.5.96	31.3.97
Officials Nominated by State Governments				
2.1	Thiru.V.Manivannan, I.A.S., Secretary to Government, Environment and Forests Department, Fort St.George, Chennai-9.	Member	1.4.96	10.6.96
2.2	Thiru.K.S.Sripathi., I.A.S., Secretary to Government, Environment and Forests Department, Fort St.George, Chennai - 9.	Member	10.6.96	31.3.97
3.1	Finance Department Fort St.George, Chennai - 9	Member Vacant	1.4.96	3.7.96
3.2	Thiru. T.Pitchandi., I.A.S., Additional Secretary to Government, Finance Department, Fort St.George, Chennai - 9.	Member	4.7.96	7.11.96
3.3	Thiru.S.K.Subramaniam, Joint Secretary to Government, Finance Department, Fort St.George, Chennai - 9.	Member	8.11.96	31.3.97
4.1	Thiru.A.Elangovan., I.A.S., Director of Town and Country Planning, 807, Anna Salai, Chennai - 2.	Member	1.4.96	26.5.96
4.2.	Dr.K.Sathya Gopal, I.A.S. Director of Town and Country Planning 807, Anna Salai, Chennai - 2.	Member	6.6.96	31.7.96
4.3	Thiru R.Anbazhakan, Director of Town and Country planning I/C., 807, Anna Salai, Chennai - 2.	Member	1.8.96	8.9.96
4.4	Thiru.T.Prabakar Rao., I.A.S., Director of Town and Country Planning, 807, Anna salai, Chennai - 2.	Member	9.9.96	31.3.97

Sl. No.	Name and address	Position	Period	
			From	To
5.1	Dr. N.Vijayaragavan, Director of Public Health and Preventive Medicine, Chennai-6	Member	1.4.96	31.3.97
6.1	Thiru.M.Devaraj., I.A.S., Commissioner of Muncipal Administration, Ezhilagam, Annex Building VI floor, Chepauk, Chennai - 5.	Member	1.4.96	26.5.96
6.2	Thiru.R.Velu., I.A.S., Director of Municipal Administration, Ezhilagam, Annex Building, VI floor, Chepauk, Chennai - 5.	Member	31.5.96	14.7.96
6.3	Thiru.N.Murugan., I.A.S., Director of Municipal Administration, Ezhilagam, Annex Building, VI floor, Chepauk, Chennai - 5.	Member	25.7.96	21.8.96
6.4	Thiru.Sanwat Ram., I.A.S., Director of Municipal Administration, Ezhilagam, Annex Buildiing, VI floor, Chepauk, Chennai - 5.	Member	7.9.96	31.3.97
Non-Official-Members Nominated by the State to represent Agriculture / Fisheries/Industries/Trade				
7.1	Thiru. N.Thangaraj Pandian., M.P., Courtralam, Tenkasi Taluk Tirunelveli District.	Member	1.4.96	31.3.97
8.	Thiru.P.Devarajan., Venbavoor, Perambalur Taluk, Perambalur District	Member	1.4.96	31.3.97
9.1	Thiru.V.Hariharan., President, Tamil Nadu Small Industries Association, 10 GST Road, Chennai - 32.	Member	1.4.96	23.12.96
9.2	Thiru.Gunasingh Chelladurai President, Tamil Nadu Small Industries Association, 10 GST Road, Chennai - 32.	Member	23.12.96	31.3.97

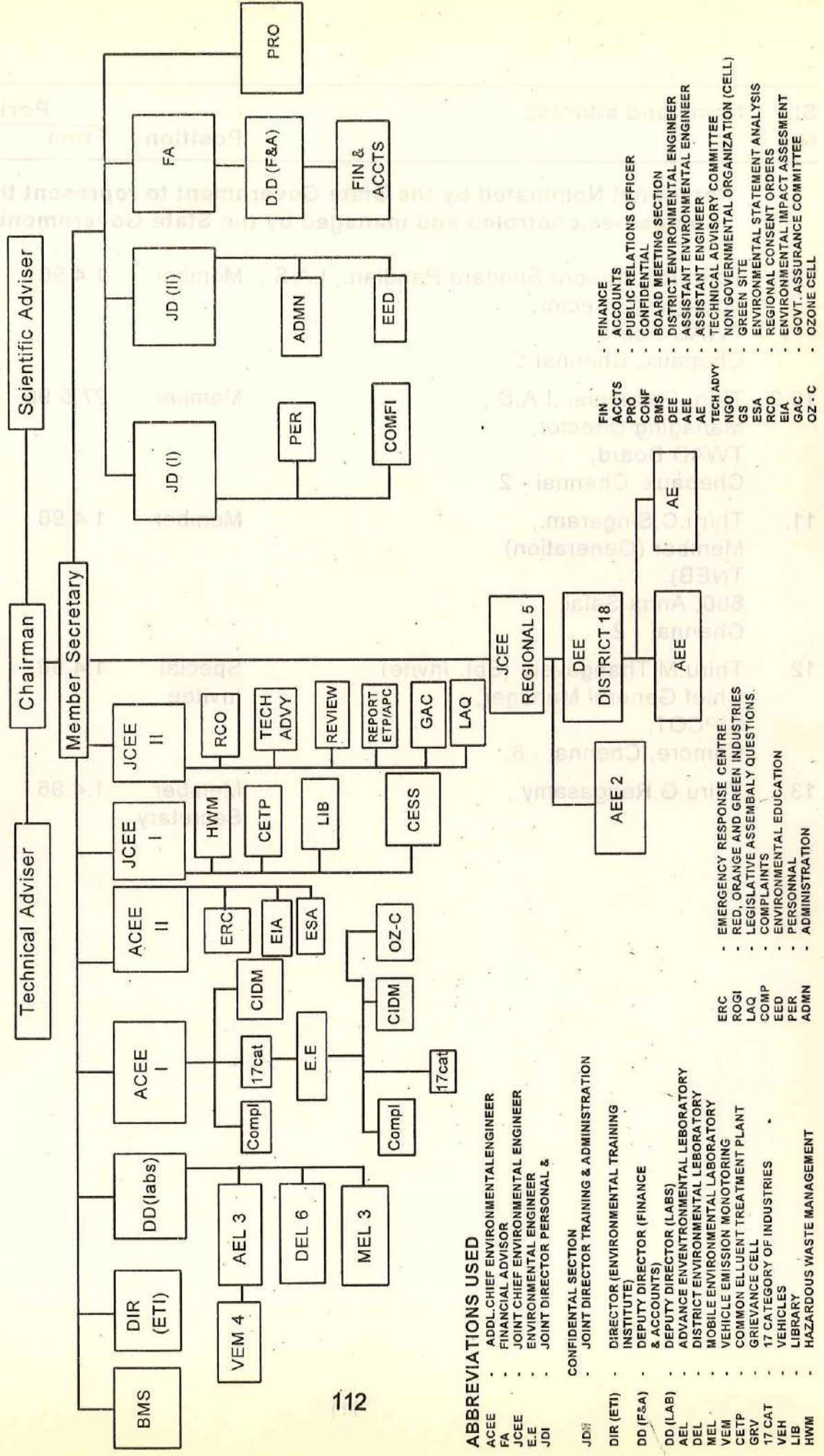
Sl. No.	Name and address	Position	Period	
			From	To

Personnel Nominated by the State Government to represent the Companies, controlled and managed by the State Government.

10.1	Thiru.R.Karpoora Sundara Pandian., I.A.S., Managing Director, TWAD Board, Chepauk, Chennai-5	Member	1.4.96	26.5.96
10.2	Thiru.Palamalai.,I.A.S., Managing Director, TWAD Board, Chepauk, Chennai - 2	Member	27.5.96	31.3.97
11.	Thiru.C.Singaram., Member (Generation) TNEB), 800, Anna Salai, Chennai - 2	Member	1.4.96	31.3.97
12.	Thiru.M.Thangavelu (Spl. Invite) Chief General Manager, SIPCOT, Egmore, Chennai - 8.	Special Invitee	1.4.96	31.3.97
13.	Thiru.G.Rengasamy.,	Member Secretary.	1.4.96	31.3.97

ANNEXURE - II

TAMILNADU POLLUTION CONTROL BOARD - ORGANISATION CHART



- ABBREVIATIONS USED**
- ADDL CHIEF ENVIRONMENTAL ENGINEER
 - FINANCIAL ADVISOR
 - JOINT CHIEF ENVIRONMENTAL ENGINEER
 - ENVIRONMENTAL ENGINEER
 - JOINT DIRECTOR PERSONAL & CONFIDENTIAL SECTION
 - JOINT DIRECTOR TRAINING & ADMINISTRATION
 - DIRECTOR (ENVIRONMENTAL TRAINING INSTITUTE)
 - DEPUTY DIRECTOR (FINANCE & ACCOUNTS)
 - DEPUTY DIRECTOR (LABS)
 - ADVANCE ENVIRONMENTAL LABORATORY
 - DISTRICT ENVIRONMENTAL LABORATORY
 - MOBILE ENVIRONMENTAL LABORATORY
 - VEHICLE EMISSION MONITORING
 - COMMON EFFLUENT TREATMENT PLANT
 - GRIEVANCE CELL
 - 17 CATEGORY OF INDUSTRIES
 - VEHICLES
 - LIBRARY
 - HAZARDOUS WASTE MANAGEMENT
- FIN** - FINANCE
ACCTS - ACCOUNTS
PRO - PUBLIC RELATIONS OFFICER
CONF - CONFIDENTIAL
BMS - BOARD MEETING SECTION
DEE - DISTRICT ENVIRONMENTAL ENGINEER
AAE - ASSISTANT ENVIRONMENTAL ENGINEER
AE - ASSISTANT ENGINEER
TECH ADVY - TECHNICAL ADVISORY COMMITTEE
NGO - NON GOVERNMENTAL ORGANIZATION (CELL)
GS - GREEN SITE
ESA - ENVIRONMENTAL STATEMENT ANALYSIS
RCO - REGIONAL CONSENT ORDERS
EIA - ENVIRONMENTAL IMPACT ASSESSMENT
GAC - GOVT. ASSURANCE COMMITTEE
OZ.C - OZONE CELL
- ERC** - EMERGENCY RESPONSE CENTRE
ROGI - RED, ORANGE AND GREEN INDUSTRIES
LAQ - LEGISLATIVE ASSEMBLY QUESTIONS
COMP - COMPLAINTS
EED - ENVIRONMENTAL EDUCATION
PER - PERSONNEL
ADMN - ADMINISTRATION

ANNEXURE - III
STAFF STRENGTH

NAME OF THE POST	PRESENT STRENGTH
Chariman	1
Member Secretary	1
Engineering Service	145
Scientific Service	119
Personnel/Administration/Accounts/Miscellaneous	370
Total	636
ENGINEERING SERVICE	
Additional Chief Environmental Engineer	2
Joint Chief Environmental Engineer	8
District Environmental Engineer	9
Assistant Environmental Engineer	29
Assistant Engineer	89
Superintending Engineer (C)	1
Assistatn Environmental Engineer (C)	1
Assistant Engineer (Electricals)	1
Technical Assistant	1
Assistant Draughtsman	3
Assistant Engineer (Auto)	1
Sub-Total	145
SCIENTIFIC SERVICE	
Deputy Director (LAB)	1
Assistant Director (LAB)	2
Additional Manager (LAB)	2
Deputy Manager (LAB)	13
Environmental Scientist	42
Meterologist	2
Junior Environmental Scientist	9
Electrical Supervisor	1
Field Assistant	39
Lab. Attendant	8
Sub-Total	119

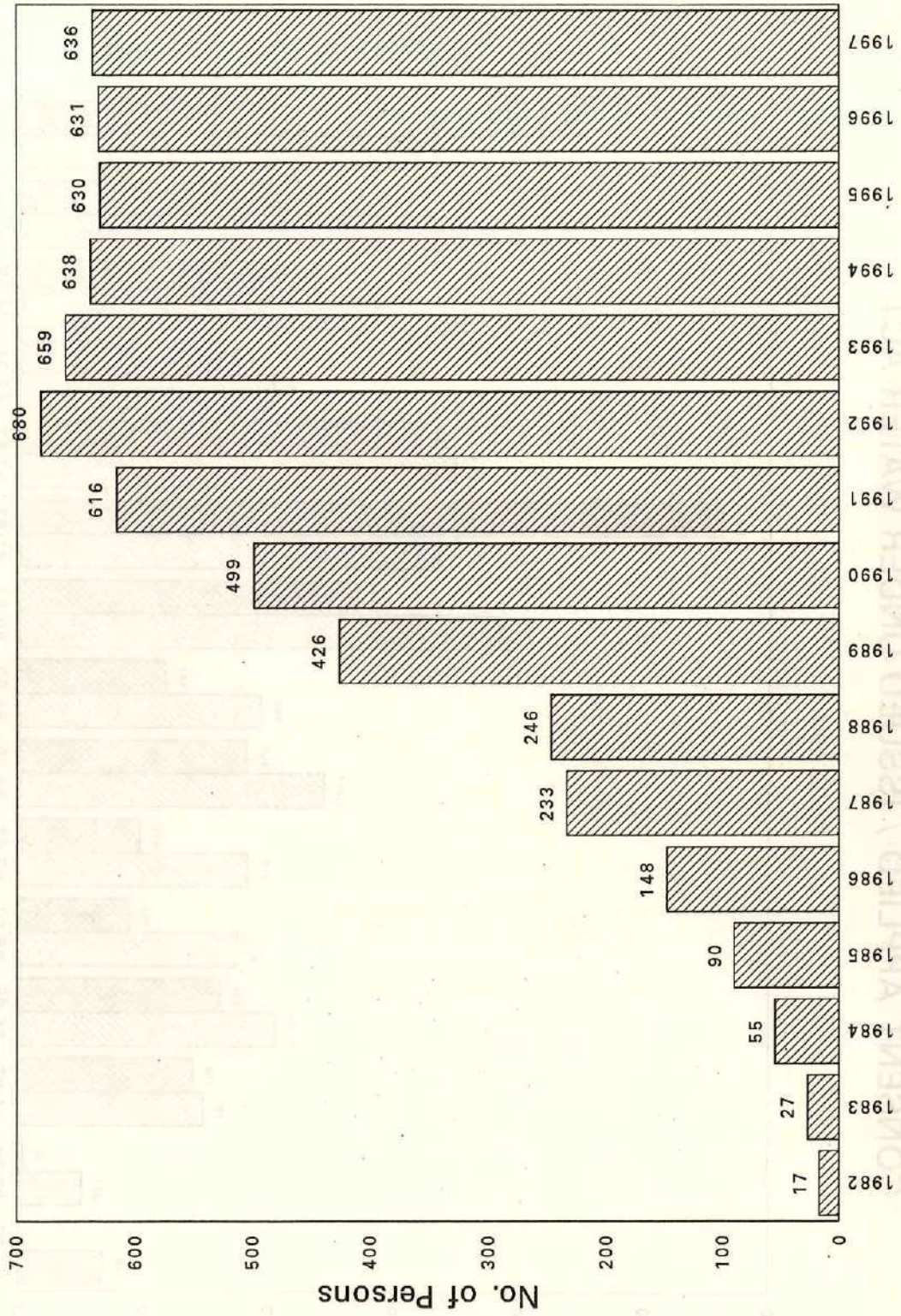
NAME OF THE POST

PRESENT STRENGTH

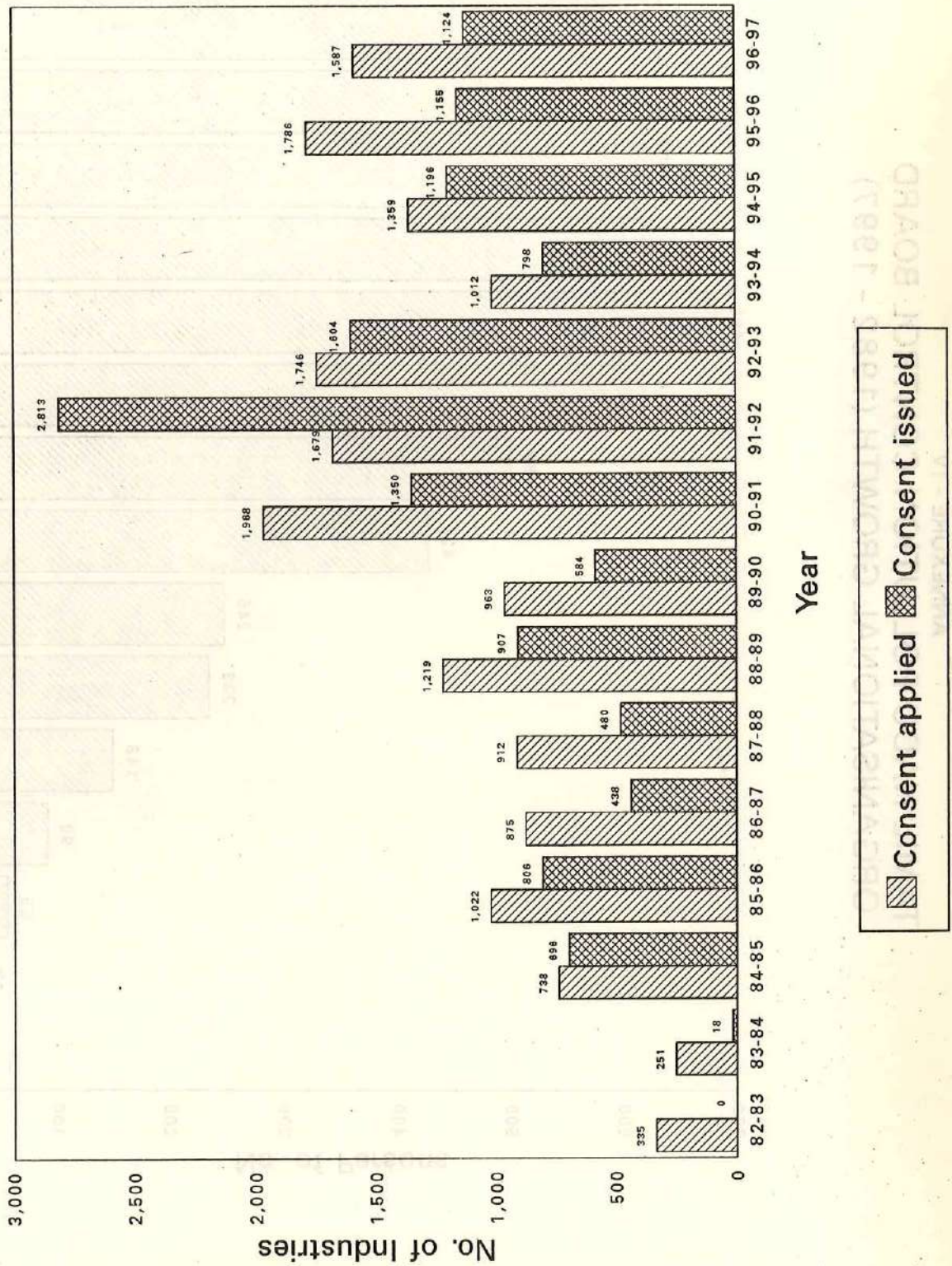
PERSONNEL/ADMINISTRATION/ACCOUNTS / MISCELLANEOUS

Financial Advisor	1
Joint Director (I&II)	2
Deputy Director (F & A)	1
Senior Law Officer	1
Additional Manager	4
Deputy Manager	12
Assistant Manager	22
General Assistant/Store keeper	53
Assistant	61
Steno Typist	33
Typist	45
Librarian	2
Driver	59
Record Clerk	13
Telephone Operator	2
Data Entry Operator	1
Office Assistant / Watch man	55
Despatch Rider	1
Cleaner	1
Sweeper	1
Sub-Total	370

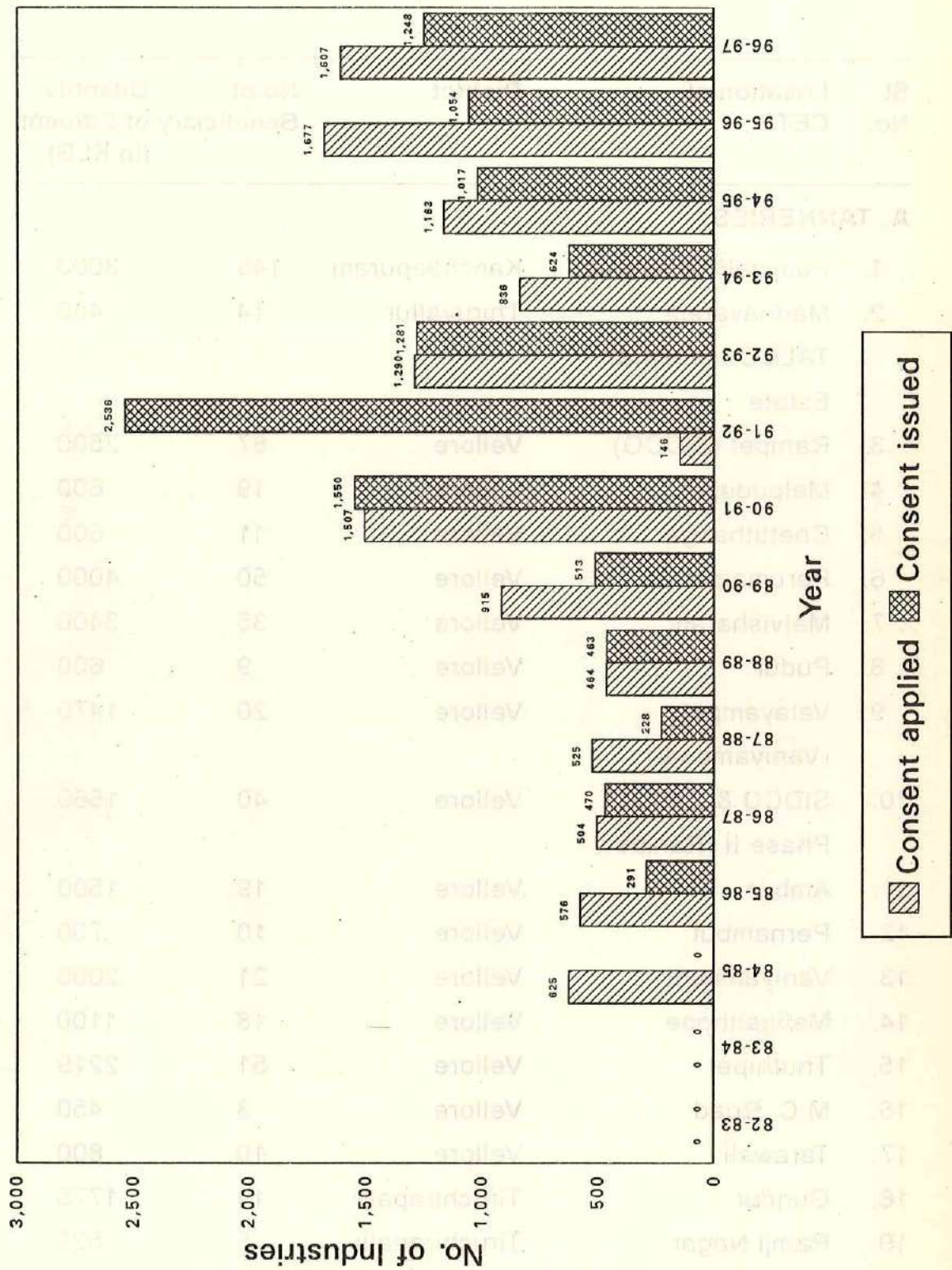
ANNEXURE - IV
 TAMIL NADU POLLUTION CONTROL BOARD
 ORGANISATIONAL GROWTH (1982 - 1997)



ANNEXURE - V
**TAMIL NADU POLLUTION CONTROL BOARD
 CONSENT APPLIED / ISSUED UNDER WATER ACT**



ANNEXURE - VI
**TAMIL NADU POLLUTION CONTROL BOARD
 CONSENT APPLIED / ISSUED UNDER AIR ACT**



ANNEXURE - VII

DETAILS OF COMMON EFFLUENT TREATMENT PLANT SCHEMES AT VARIOUS PLACES

Sl. No.	Location of CETP	District	No.of Beneficiary	Quantity of Effluent (in KLD)	Cost of Project (Rs.in Cr.)
A. TANNERIES:					
1.	Pammal/Pallavaram	Kancheepuram	145	3000	8.50
2.	Madhavaram TALCO Industrial Estate	Thiruvallur	14	400	1.25
3.	Ranipet (SIDCO)	Vellore	87	2500	2.95
4.	Melpudupet	Vellore	19	600	1.51
5.	Chettithangal	Vellore	11	600	1.39
6.	Perumalpet	Vellore	50	4000	5.52
7.	Melvisharam	Vellore	35	3400	3.63
8.	Pudur	Vellore	9	600	1.42
9.	Valayampet (Vaniyambadi)	Vellore	20	1470	2.00
10.	SIDCO & SIPCOT Phase II (Ranipet)	Vellore	40	1560	2.52
11.	Ambur	Vellore	19	1500	2.59
12.	Pernambut	Vellore	10	700	1.54
13.	Vaniyambadi	Vellore	21	2000	2.45
14.	Maligaihope	Vellore	18	1100	2.00
15.	Thuthipet	Vellore	51	2219	3.30
16.	M.C. Road	Vellore	3	450	2.20
17.	Tarawali	Vellore	10	800	2.75
18.	Gundur	Tiruchirapalli	14	1775	2.85
19.	Ramji Nagar	Tiruchirapalli	5	525	0.60
Sub Total			581	29199	50.97

B. DYEING UNITS:

1.	Ayyampet- Muthialpet	Kancheepuram	65	1500	1.43
2.	Erode - I	Erode	211	1164	*1.02
3.	Erode - II	Erode	191	725	*4.00
4.	Bhavani	Erode	62	450	1.06
5.	Chennimalai	Erode	81	500	0.95
6.	Komarapalayam	Salem	120	600	*1.00
7.	Karur - I (R.K.Puram)	Tiruchirapalli	49	1250	1.93
8.	Karur - II (Andankoil)	Tiruchirapalli	49	1900	2.14
9.	Karur- III (Amaravathi Nagar)	Tiruchirapalli	53	2400	2.44
10.	Karur - IV (Light House)	Tiruchirapalli	58	1150	2.11
11.	Karur - V (Tirumanilaiyur)	Tiruchirapalli	62	2100	2.08
12.	Karur - VI (Sukkaliyur)	Tiruchirapalli	80	1400	1.69
13.	Karur - VII (Chellandipalayam)	Tiruchirapalli	150	2600	2.25
14.	Karur (Karruppanpalayam)	Tiruchirapalli	47	1300	2.00
15.	Andipalayam (Tiruppur)	Coimbatore	21	4500	2.15
16.	Kunnangalpalayam (Tiruppur)	Coimbatore	19	4250	2.16
17.	Angeripalayam (Tiruppur)	Coimbatore	92	8500	7.20
18.	chinnakarai (Tiruppur)	Coimbatore	31	5000	2.45
19.	Kasipalayam (Tiruppur)	Coimbatore	20	4000	3.25
20.	Mannarai (Tiruppur)	Coimbatore	32	4200	2.71
21.	Veerapandi (Tiruppur)	Coimbatore	74	10000	6.75
22.	Manickapurampudur (Tiruppur)	Coimbatore	11	1600	1.27
Sub Total			1578	61,089	54.04

C. HOTELS

1	Kodaikanal	Dindigul	90	820	1.30
---	------------	----------	----	-----	------

D.SAGO

1	Salem	Salem	76	6465	*4.00
---	-------	-------	----	------	-------

E. HOSPITALS

1	Salem	Salem	64	-	0.04
---	-------	-------	----	---	------

F. COMMON MARINE DISPOSAL

1	Cuddalore SIPCOT Industrial Estate	Cuddalore	28	-	4.11
---	------------------------------------	-----------	----	---	------

G.TALCO SCHEMES

1	Valayampet (Vaniyambadi)	Vellore	116	2948	3.37
2	Udayenthiram	Vellore	10	220	0.07
3	Chengalvarayan-pattarai	Vellore	17	400	1.25
4	Bakkalapalli	Vellore	19	891	1.60
5	V.Kota Road	Vellore	61	2500	3.65
6	Ranipet	Vellore	76	4000	4.60
7	Dindigul	Dindigul	69	2533	5.00
8	Sembattu	Tiruchirapalli	18	2400	3.00
		Sub Total	386	15892	23.17
		Total	2803	113465	137.63

* To be finalised.

ANNEXURE - VIII

**FUND SO FAR RECEIVED FOR THE CETP SCHEMES FROM THE STATE
AND CENTRAL GOVT.**

Sl. No.	NAME OF CETP	GOVT. OF INDIA	GOVT. OF TAMILNADU	TOTAL
YEAR 1991-92				
1	Pammal/Pallavaram	50.00	50.00	100.00
2	Erode (Tanneries)	50.00	50.00	100.00*
3	Tiruppur	37.50	37.50	75.00**
4	Ayyampet-Muthialpet	22.50	22.50	45.00
YEAR 1992-93				
5	Bhavani	7.50	7.50	15.00
6	Erode -I (Dyeing) B.P. Agraharam	15.00	15.00	30.00
7	Erode -II (Dyeing) Kasipalayam	17.50	17.50	35.00
8	Karur	21.14	21.14	42.28**
YEAR 1995-96				
9	Ranipet - SIDCO	45.00	50.00	95.00
10	Visharam	45.00	50.00	95.00
11	Bakkalapalli	40.00	-	40.00
YEAR 1996-97				
12	Karur - I (R.K.Puram)	30.00	48.22	78.22
13	Karur - II (Andankoil)	30.00	50.00	80.00
14	Karur - III (Amaravathi Nagar)	30.00	50.00	80.00
15	Karur - V (Thiruvorai)	30.00	50.00	80.00
16	SIPCOT - SIDCO Phase - II (Ranipet)	30.00	50.00	80.00
17	Valayampet (Vaniyambadi)	22.50	50.00	72.50
18	Kodaikanal	32.50	32.50	65.00
19	Perumalpet	25.00	50.00	75.00
20	Madhavaram- TALCO Industrial Estate	25.00	50.00	75.00
21	Melpudupet	-	37.78	37.78
	Total	606.14	789.64	1395.78

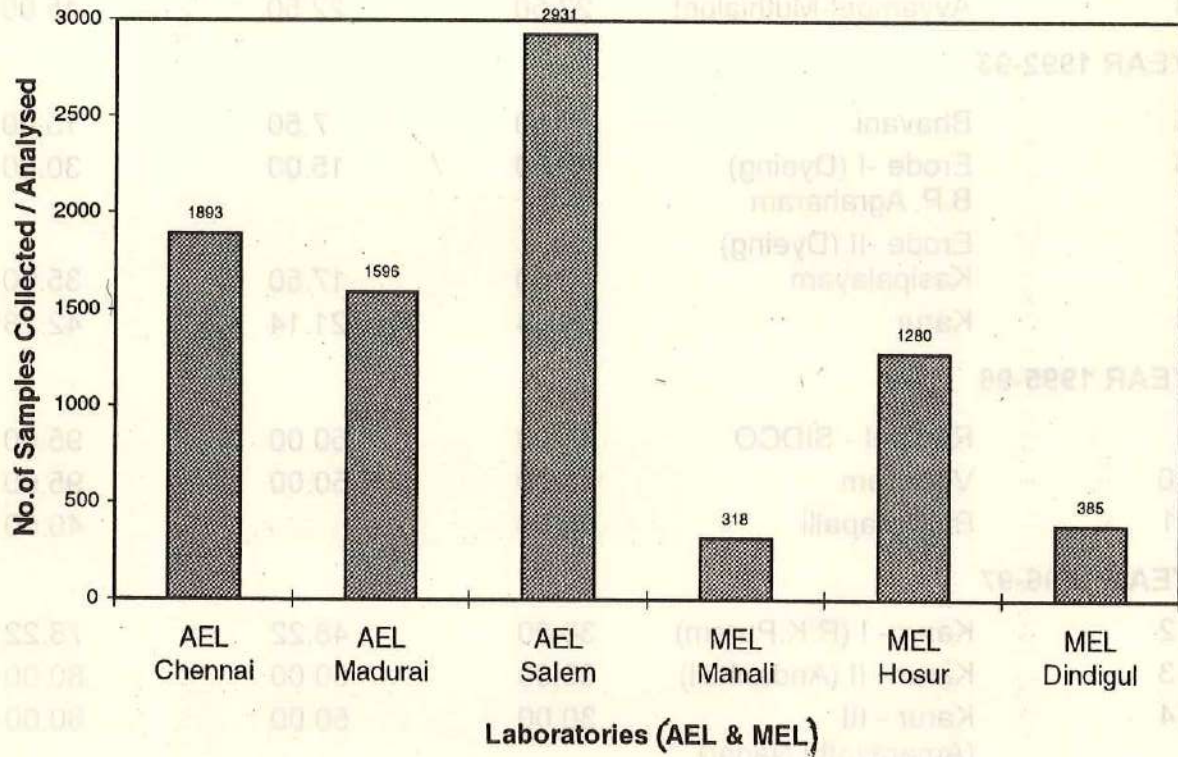
* To be returned

** To be adjusted

ANNEXURE - IX

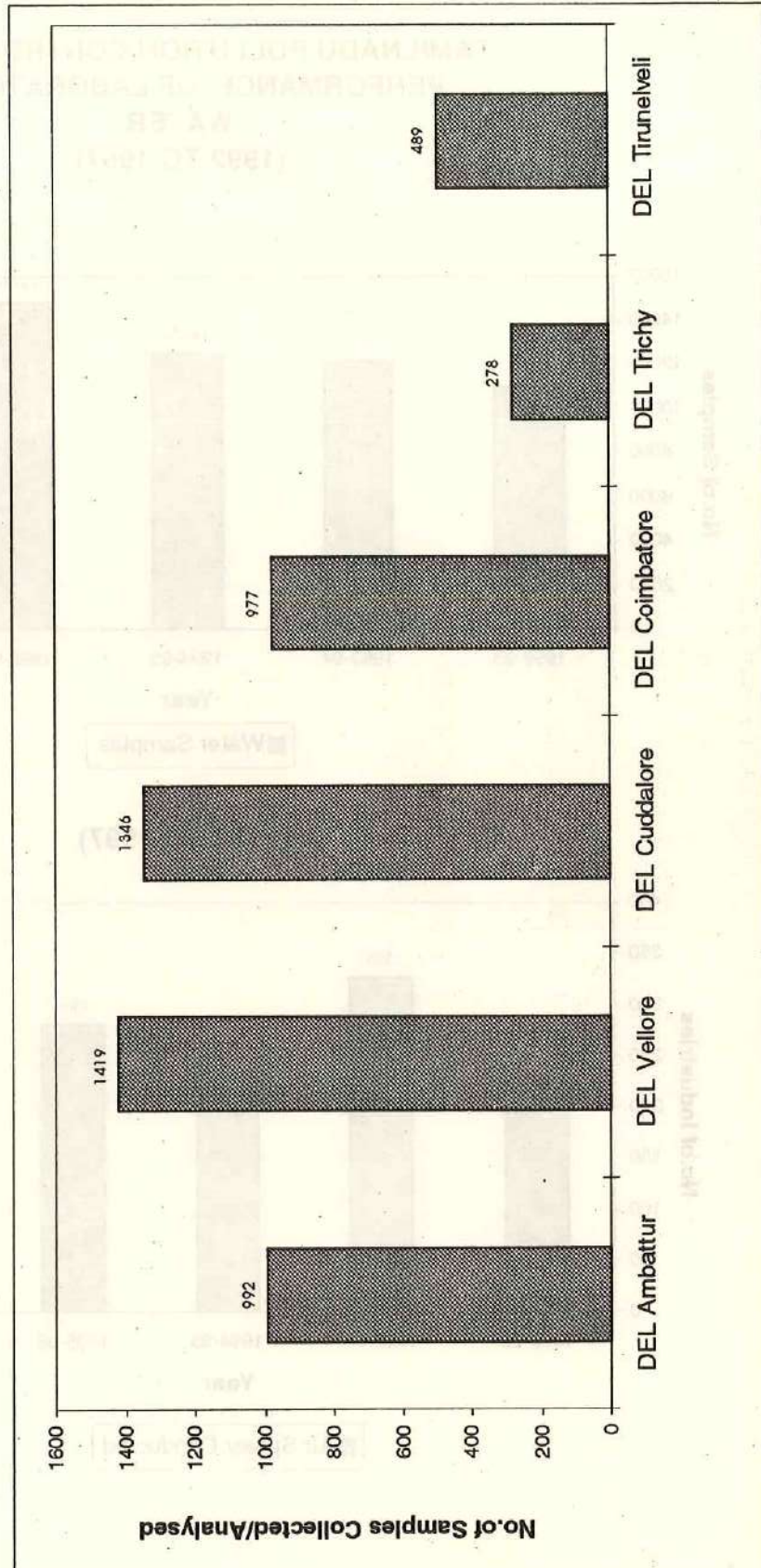
TAMILNADU POLLUTION CONTROL BOARD

PERFORMANCE OF AEL / MEL



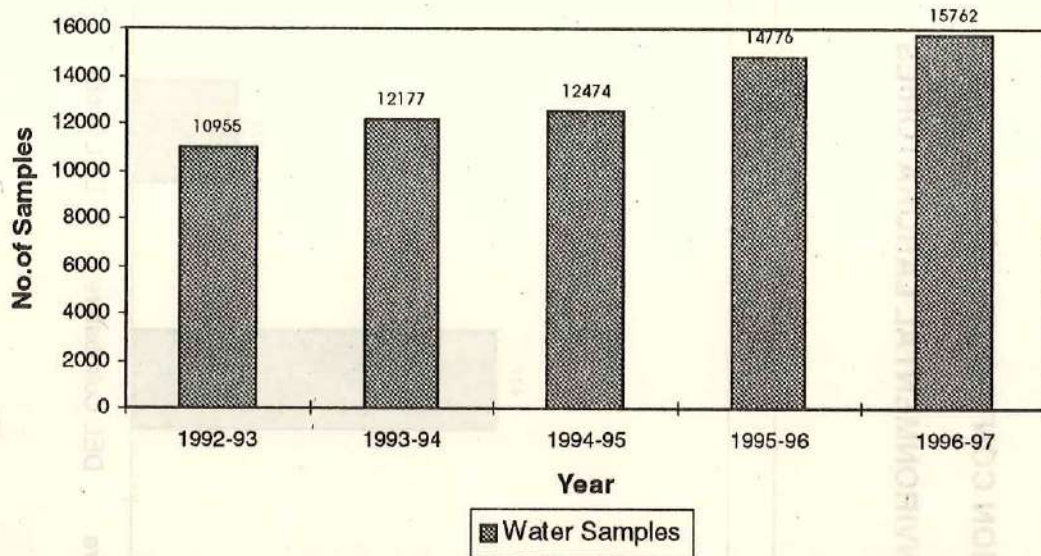
ANNEXURE - X

**TAMIL NADU POLLUTION CONTROL BOARD
PERFORMANCE OF DISTRICT ENVIRONMENTAL LABORATORIES**

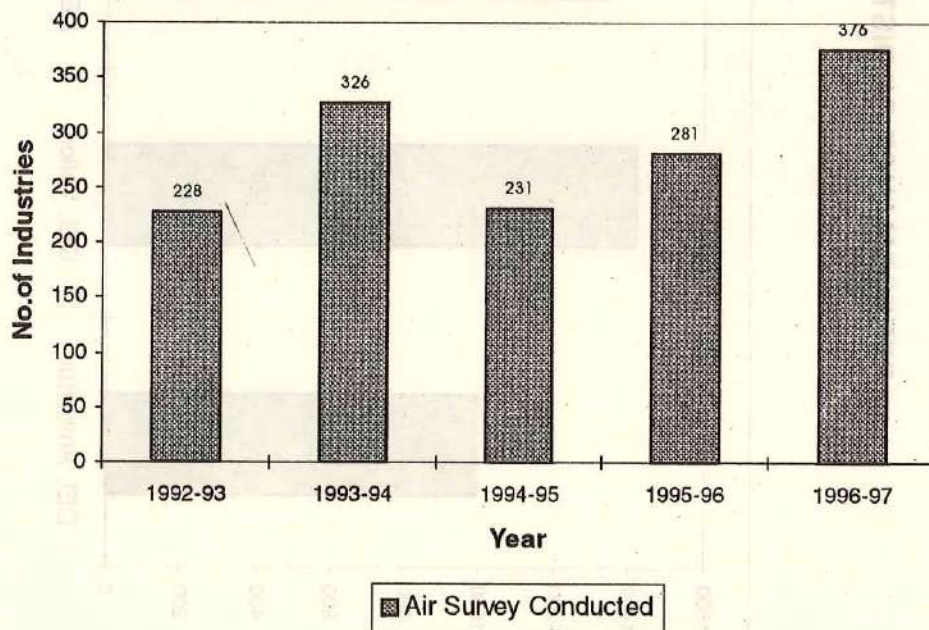


ANNEXURE - XI

TAMILNADU POLLUTION CONTROL BOARD
PERFORMANCE OF LABORATORIES
WATER
(1992 TO 1997)



AIR
(1992 TO 1997)



ANNEXURE - XII

IMPORTANT CONFERENCES, MEETINGS ATTENDED BY THE CHAIRMAN AND MEMBER SECRETARY

CHAIRMAN:

SL.NO	SUBJECT	PLACE OF MEETING	DATE
1	Third Asian International Conference on Leather Science and Technology.	Tokyo-Japan	8.9.96 to 14.9.96
2	Asian Productivity Organisation World Conference on "Green Productivity"	Manila-Philippines	4.12.96 to 6.12.96

MEMBER SECRETARY:

SL.NO	SUBJECT	PLACE OF MEETING	DATE
1	43rd Meeting of Chairman and Member Secretaries of State Pollution Control Board and Interaction meet with State Secretaries of Environment and Forests.	New Delhi	17.9.96 to 18.9.96
2	Workshop on Hazardous Waste Management project.	New Delhi	28.10.96
3	Common Effluent Treatment Plant Meeting, Textile Dyeing Industries by Hon'ble Minister (Handlooms).	Coimbatore	15.12.96
4	Discussion on World Bank assisted Hazardous Waste Management Project.	New Delhi	15.1.97
5	Meeting on the enforcement of Hazardous Waste (Manufacturing & Handling) Rules, 1989, convened by MOEF, GOI.	New Delhi	18.3.97

MEMBER ACTIVITIES FOR THE YEAR 1997

MEMBER ACTIVITIES

SL. NO.	SUBJECT	PLACE OF MEETING	DATE
1	Workshop on Hazardous Waste Management Project	New Delhi	14.8.97 to 18.8.97
2	Meeting on the advancement of Hazardous Waste (Manufacturing & Handling) Rules 1989 convened by MOEF GOI	New Delhi	18.8.97

MEMBER ACTIVITIES

SL. NO.	SUBJECT	PLACE OF MEETING	DATE
1	43rd Meeting of Chairman and Member Secretaries of State Pollution Control Board and interaction meet with State Secretaries of Environment and Forests	New Delhi	17.9.98 to 18.9.98
2	Workshop on Hazardous Waste Management Project	New Delhi	28.10.98
3	Common Effluent Treatment Plant Meeting, Textile Dyeing Industry by Hordle Master (Handsome)	Comptone	12.12.98
4	Workshop on Hazardous Waste Management Project	New Delhi	15.1.97
5	Meeting on the advancement of Hazardous Waste (Manufacturing & Handling) Rules 1989 convened by MOEF GOI	New Delhi	18.8.97

**ANNUAL ACCOUNTS FOR THE YEAR
1996 - 97**

**TAMILNADU POLLUTION CONTROL BOARD
CHENNAI - 600 032.**

ANNUAL ACCOUNTS FOR THE YEAR
1996 - 97

TAMILNADU POLLUTION CONTROL BOARD
CHENNAI - 600 032.

RECEIPTS AND PAYMENTS ACCOUNT

FOR THE YEAR ENDED 31st MARCH 1997 **132 TO 137**

INCOME AND EXPENDITURE ACCOUNT

FOR THE YEAR ENDED 31st MARCH 1997 **138 TO 139**

BALANCE SHEET

AS AT 31st MARCH 1997 **140 TO 143**

AUDITORS' REPORT
ON THE ACCOUNTS OF THE TAMIL NADU POLLUTION CONTROL
BOARD FOR THE YEAR ENDED 31ST MARCH 1997.

We have Audited the attached Balance Sheet as at 31st March 1997 of the Tamil Nadu Pollution Control Board and also the Receipts and Payments account and the Income and Expenditure account for the year ended 31st March 1997, signed by us this even date and have to report thereon as under:-

- a) We have obtained all 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 have been kept by the Board, so far as appears from our examination of such books.
- c) The attached Balance Sheet, Receipts and Payments account and Income and Expenditure account which are set out as provided in Rule 36 of the Tamil Nadu (Prevention and Control of Pollution) rules, 1983 and dealt with in this report are found to accord with the books of account maintained by the Board.
- d) Payments for lands at several locations, for which, as explained to us, documents have been executed, some of which are registered and some are pending registration, are shown as "Land Advance" under "Miscellaneous Advances", and are yet to be transferred to the relevant Fixed Asset account (except for No.100, Anna Salai, Guindy, Chennai-32) the expenditure in respect of which has been capitalised during the year.
- e) Payments made to some suppliers in earlier years are shown included under "Advances to suppliers", even though the materials have already been received or services referable to the Bills have already been completed. These are yet to be adjusted to either the relative asset account or to expense heads.
- f) "Other advances (Recoverable)" includes Tour and Temporary Advances relating to earlier years amounting to Rs.3,68,314/- for which details are not available, and which are pending either adjustment or recovery.
- g) Funds in Transit account which includes some old balances as on 31st March 1997, requires to be reconciled.
- h) Out of the sum of Rs.92,23,288/- shown in the Balance Sheet as "Schemes" (Schedule 'P') Rs.3,25,850/- being "technical staff support for audit equipment" and Rs.5,02,760/- being "technical staff support for environmental audit (revenue)" are balances brought forward from last year, representing expenses.

- i) It is noted that demands regarding "Consent fees" are raised on the basis of Fixed Asset values as declared by the applicants in many cases. It was observed that no indication or note was available at Board Office indicating the basis of the levy as to whether fees has been computed on the value of assets indicated by Audited Balance Sheet, valuers' certificates or the Board's Equipments as the case may be.
- j) It was observed that no interest is levied in regard to delayed payments of cess. As information in this regard is with Unit Offices, quantification has not been possible.
- k) No Internal Audit Report was available in regard to the year under review.
- l) Fixed Deposit Receipts to the tune of Rs. 81 lakhs are in the Board's Bankers' custody as certified by the Bank (Note 9 in Schedule 'T') for opening LC.
- m) A sum of Rs.5.60 lakhs is included under the head "Miscellaneous expenses' Staff" shown as "DEE legal samples" for which no provision is found in the Budget.
- n) It is noted that as a normal practice, maturing F.D.'s are reinvested together with Interest thereon thus increasing the value of F.D.'s held. This accretion is accounted for, at the year end.
- o) Depreciation of Rs.2.36 lakhs provided in the Income and Expenditure account for the year in respect of Board's Corporate Office Building in Guindy includes a sum of Rs.1.36 lakhs referable to the years 1994-95 and 1995-96.
- p) In our opinion and to the best of our information and according to explanations given to us the said accounts, read with the Schedules thereto and the notes thereon attached hereto and subject to the remarks contained in paragraphs (d) to (n) and para (o) above relating to provision of depreciation relating to earlier years, give the information required by the Tamil Nadu Water (Prevention and Control of Pollution) Rules, 1983 in the manner so required, and give a true and fair view:
 - (i) In the case of the Balance Sheet, of the state of affairs of the Board as at 31st March 1997.
 - (ii) In the case of the Receipts and Payments account, of the total receipts and payments of the Board for the year ended 31st March 1997, and
 - (iii) In the case of the Income and Expenditure account of the excess of Income over Expenditure of the Board for the year ended 31st March 1997.

For A. SRINIVASAN & ASSOCIATES
Chartered Accountants

(Sd.) A. Srinivasan
Partner.

Chennai,
27th November 1997

TAMIL NADU POLLUTION CONTROL**Receipts and Payments for the year**

See Rules 36 of the Tamil Nadu Water

PREVIOUS YEAR	RECEIPTS	TOTAL OF SUB HEADS	TOTAL OF MAJOR HEADS
Rs.P.		Rs. P.	Rs.P.
	OPENING BALANCE		
1,04,97,317.70	BANK	1,01,03,683.78	
15,816.65	CASH	13,392.15	
9,46,316.60	Funds in Transit	12,19,203.72	
			1,13,36,279.65
	1. GRANTS RECEIVED		
55,75,000.00	a From Government	80,00,000.00	
38,09,375.00	b. From other Agencies	—	
			80,00,000.00
	II FEES		
	a. Consultant		
	Registration Fees	—	
7,63,540.00	b. Cost of Applications	9,47,415.00	
5,12,51,968.50	c. Consent Fees.	6,76,84,545.00	
9,19,65,351.37	d. Cess Collection	2,41,62,722.29	9,27,94,682.29
1,43,28,612.00	III INTEREST ON INVESTMENT		1,58,63,008.47
	IV. MISCELLANEOUS RECEIPTS		
1,06,09,688.75	a. Other (Schedule - A)	1,32,84,591.66	
4,45,79,255.00	b. Cess Reimbursement	4,54,69,896.00	
			5,87,54,487.66
<u>23,43,42,241.57</u>		C/o	<u>18,67,48,458.07</u>

BOARD, MADRAS - 600 032.

Ended 31st March 1997.

(Prevention and Control Board Pollution) Rules 1983.

PREVIOUS YEAR	PAYMENTS	TOTAL OF SUBHEADS	TOTAL OF MAJOR HEADS
Rs.P.		Rs.p.	Rs.P.
	1. CAPITAL EXPENDITURE		
91,00,477.50	a. Assets - Land Advances and Building Development	35,94,053.40	
18,57,102.00	b. Laboratory	5,29,789.00	
17,716.00	c. Vehicles		
67,071.15	d. Furniture	9,58,879.45	
6,04,577.40	e. Office Appliances	27,14,832.60	
1,91,277.00	f. Library Books	3,64,624.00	
11,250.00	g. Schemes	8,99,203.00	
	h. Software Development	12,000.00	
	i) Lab Chemical etc.	<u>5,75,049.00</u>	96,48,430.45
	II. REVENUE EXPENDITURE		
	A. ADMINISTRATIVE		
2,45,71,183.49	i. Salaries	3,32,78,949.39	
2,16,452.65	ii. Pension Contribution	3,11,303.00	
88,12,168.30	iii. Contingent Expenditure	41,18,886.40	
11,55,666.00	iv. Surrender Leave Salary	15,01,826.50	
8,25,154.00	v. Bonus	9,35,305.00	
18,86,603.75	vi. Medical Expenses	<u>21,28,374.85</u>	4,22,74,645.14
	B. BOARD LABORATORY		
3,41,412.40	i. Running Expenses of Lab.		4,79,796.75
<u>4,96,58,111.64</u>		C/o	<u>5,24,02,872.34</u>

TAMIL NADU POLLUTION CONTROL

Receipts and Payments for the year

See Rules 36 of the Tamil Nadu Water

PREVIOUS YEAR	RECEIPTS	TOTAL OF SUB HEADS	TOTAL OF MAJOR HEADS
Rs.P.		Rs.P.	Rs.P.
23,43,42,241.57	B/F		18,67,48,458.07
	V. DEPOSITS & ADVANCES		
54,000.00	i. EMD Received	7,75,150.00	
98,223.00	ii. Security Deposit	3,12,742.00	
13,443.30	iii. Advance to staff (Schedule - B)	4,40,898.75	
14,68,00,000.00	iv. Short Term Deposit	29,21,86,823.00	
2,10,000.00	v. Refundable Performance Guarantee deposit.	1,01,000.00	
		<u>29,38,16,613.75</u>	
3,40,15,815.90	VI. OTHERS (SCHEDULE - E (1))		7,94,70,745.60
<u>41,55,33,723.77</u>		C/o	<u>56,00,35,817.42</u>

BOARD, MADRAS - 600 032.

Ended 31st March 1997.

(Prevention and Control Board Pollution) Rules 1983.

PREVIOUS YEAR	PAYMENTS	TOTAL OF SUBHEADS	TOTAL OF MAJOR HEADS
Rs.P.		Rs.p.	Rs.P.
4,96,58,111.64	B/F		5,24,02,872.34
20,48,968.70	C. RUNNING AND MAINTENANCE OF VEHICLE		25,59,685.90
	D. MAINTENANCE AND REPAIRS		
29,11,922.00	i. Building and Land (including Rent if any, repairs and Maintenance of Building Rent)	32,77,501.20	
1,335.00	ii. Furniture & Fixtures	588.00	
2,13,806.20	iii. Scientific Instruments	1,80,829.45	
2,76,305.35	iv. Office Appliances	3,11,467.50	
1,69,517.00	v. Electrical Installation	1,73,896.25	
55,366.00	vi. Insurance of Assets	<u>2,63,156.00</u>	42,07,438.40
7,440.00	E. FEES TO CONSULTANT AND SPECIALISTS		1,02,087.30
2,64,453.00	F. LAW CHARGES		4,23,977.00
1,02,28,102.53	G. MISCELLANEOUS (SCHEDULE - C)		1,06,98,442.55
978.00	H. EXPENSES FOR AUDIT		26,441.00
	III. MISCELLANEOUS		
9,35,17,791.00	a. Cess Remittance		2,42,15,937.74
24,01,355.00	IV. ADVANCE (SCHEDULE - D)		36,85,934.25
	V. DEPOSITS		
21,99,98,350.00	A. Short Term Deposit	38,38,09,210.00	
2,24,43,642.20	b. Others (Schedule - E)	<u>5,75,05,455.69</u>	44,13,14,665.69
40,41,97,443.62	C/o		53,96,37,482.17

TAMIL NADU POLLUTION CONTROL

Receipts and Payments for the year

See Rules 36 of the Tamil Nadu Water

PREVIOUS YEAR	RECEIPTS	TOTAL OF SUB HEADS	TOTAL OF MAJOR HEADS
Rs.P.		Rs.P.	Rs.P.
41,55,33,723.77		B/F	56,00,35,817.42
41,55,33,723.77		TOTAL	56,00,35,817.42

Chennai 600 032.
Dated: 27 -11-97

Sd. D. KANNAN
Deputy Director
(F & A)

Sd. K.P. BHANUMATHI
Fin. Adviser

Sd. G. RENGASAMY
Member Secretary

TAMIL NADU POLLUTION CONTROL
ANNUAL STATEMENT
Income and Expenditure Account for the year
See Rule 36 of the Tamilnadu Water

PREVIOUS YEAR	EXPENDITURE	TOTAL OF SUB HEADS	TOTAL OF MAJOR HEADS
Rs. P.		Rs.P.	Rs.P.
	REVENUE EXPENDITURE		
	A. ADMINISTRATIVE		
5,98,117.00	i. Pay of Officers	9,52,005.00	
1,21,77,728.00	ii. Pay of Establishment	1,18,99,632.85	
2,61,02,910.70	iii. Allowances and Honororia (Sch.F)	3,14,50,129.30	
33,07,067.65	iv. Contribution to Gratuity & Pension, Provision for Pension	45,58,092.00	
11,71,048.50	v. Surrender Leave Salary	<u>15,08,149.50</u>	5,03,68,008.65
7,20,278.79	B. RUNNING EXPENSES OF LABORATORIES		11,97,807.58
21,71,854.31	C. RUNNING AND MAINTENANCE OF VEHICLES (Sch.G)		27,77,182.90
	D. MAINTENANCE AND REPAIRS		
6,125.60	i. Furniture & Fixtures	2,727.00	
5,32,751.55	ii. Scientific Instrument & Office Appliances	5,03,986.85	
1,84,866.50	iii. Electrical Installation	1,52,839.75	
3,75,801.00	iv. R.M. of Building	<u>11,15,929.75</u>	17,75,483.35
9,600.00	E. FEES TO CONSULTANTS AND SPECIALISTS		1,28,468.30
2,93,106.00	F. LAW CHARGES		4,44,105.00
28,03,484.40	G. DEPRECIATIONS (FORM XV)		2,36,39,960.79
1,15,75,245.32	H. MISCELLANEOUS (Sch.H)		1,16,34,180.27
25,000.00	I. FEES FOR AUDIT		25,000.00
8,22,84,772.04	J. EXCESS OF INCOME OVER EXPENDITURE		6,35,21,847.57
	K. Note to B/ss (Sch. T)		
<u>14,43,39,757.36</u>			<u>15,55,12,044.41</u>

Chennai 600 032.
Dated: 27 - 11-97.

Sd.D. KANNAN
Deputy Director
(F & A)

Sd.K.P. BHANUMATHI
Fin. Advisor

Sd.G. RENGASAMY
Member Secretary

BOARD, CHENNAI - 32.**OF ACCOUNT****Ended 31st March 1997**

(Prevention and Control of Pollution) Rules 1983.

PREVIOUS YEAR	INCOME	TOTAL OF SUB HEADS	TOTAL OF MAJOR HEADS
Rs.P.		Rs.P.	Rs.P.
	I. GRANTS RECEIVED		
4,15,000.00	a. From Government	80,00,000.00	
	b. From other Agencies	--	
<u>4,15,000.00</u>	Total	<u>80,00,000.00</u>	
	LESS: Amount utilised for Capital Expenditure	<u>80,00,000.00</u>	
<u>4,15,000.00</u>	Net Grant Available for Revenue Expenditure	--	--
6,23,91,776.50	II. FEES(Sch. I)		7,59,31,040.00
1,26,40,223.10	III. SERVICES & RENTAL CHARGES (Lab Analysis Charges Sch. J)		1,19,96,005.00
	IV. MISCELLANEOUS RECEIPTS		
24,37,112.00	i. Others (Sch.K)	19,18,565.10	
4,45,79,255.00	ii. Cess Reimbursement	<u>4,54,69,896.00</u>	4,73,88,461.10
2,18,76,390.76	V. INTEREST ON INVESTMENT		2,01,96,538.30
<u>14,43,39,757.36</u>		TOTAL	<u>15,55,12,044.41</u>

Sd. M. DEVARAJ, I.A.S.,
Chairman

Subject to our report of
Even date & Schedules + notes attached
For M/s. A. Srinivasan & Associates

Sd. A. SRINIVASAN
Partner.

**TAMIL NADU POLLUTION CONTROL
ANNUAL STATEMENT
Balance Sheet**

See Rule 36 of the Tamil Nadu Water

PREVIOUS YEAR	LIABILITIES	TOTAL OF SUB HEADS	TOTAL OF MAJOR HEADS
Rs.P.		Rs.P.	Rs.P.
	A. CAPITAL FUND		
	a GRANTS		
3,40,57,547.18	i. Grants received from Government for Capital Expenditure as on 1.4.96	4,25,26,922.18	
51,60,000.00	ii. Grants received from Government for Capital Expenditure during the current year and utilised upto 31.3.97	80,00,000.00	
33,09,375.00	iii. Grants received towards specific schemes from other agencies	—	5,05,26,922.18
<u>4,25,26,922.18</u>			
	b. EXCESS OF INCOME OVER EXPENDITURE		
14,36,53,089.58	i. As at 01.04.96	22,29,52,214.22	
1,82,163.00	ii. ADD: Prior Period Adjustment (Sch. L)	4,39,546.00	
14,34,70,926.58			
8,22,84,772.04	iii. ADD: Surplus during the year	6,35,21,847.57	
22,57,55,698.62			
28,03,484.40	iv. LESS: Amount transferred to Depreciation Fund	2,36,39,960.79	26,32,73,647.00
<u>22,29,52,214.22</u>			
3,10,13,238.37	C. DEPRECIATION FUND		5,46,53,199.16
	B. OTHER DEPOSITS		
16,81,791.83	i. Deposits for Supply & Works (Sch. M)	26,60,996.83	
4,66,20,857.05	ii. Refundable Performance Guarantee Deposits	4,52,71,857.05	4,79,22,853.88
	C. AMOUNT DUE		
19,42,80,767.70	i. Cess Payable	21,04,85,921.19	
1,31,19,209.24	ii. Others (Sch. N)	1,68,84,683.79	22,73,70,604.98
<u>55,21,95,000.59</u>		C/o	<u>64,37,47,227.20</u>

BOARD, CHENNAI - 32.**OF ACCOUNT****as at 31st March 1997**

(Prevention and Control of Pollution) Rules 1983.

PREVIOUS YEAR	ASSETS	TOTAL OF SUB HEADS	TOTAL OF MAJOR HEADS
Rs.P.		Rs.P.	Rs.P.
	I. FIXED ASSETS		
82,86,224.65	a. Land Development	82,86,224.65	
7,04,86,984.75	b. Building under Construction		
10,20,000.00	i. Guindy	5,00,000.00	
	ii. Ambattur & Madurai	<u>46,49,292.00</u>	1,34,35,516.65
1,09,12,904.00	II. OTHER ASSETS		
	a. As per Form XV	6,39,76,716.41	
	b. Stock in hand		
9,50,411.41	i. Lab Chemicals	9,24,603.53	
14,02,539.25	ii. Glassware	13,69,075.93	
2,99,205.56	iii. Misc. Stores	2,45,374.92	
4,94,410.75	iv. Filter Paper	<u>4,62,391.21</u>	6,69,78,162.00
83,81,704.71	III. SCHEMES (Sch.P)		92,23,288.71
	IV. SOFTWARE DEVELOPMENT		12,000.00
	V. SUNDRY DEBTORS		
	Cess Receivable		
11,95,50,709.03	a. From Industries	13,28,38,193.91	
7,48,72,501.96	b. From Local Bodies	<u>7,83,21,696.96</u>	
		21,11,59,890.87	
8,37,918.75	LESS: Provision for Doubtful Debts	<u>11,67,489.00</u>	20,99,92,401.87
<u>19,35,85,292.24</u>			
<u>29,58,19,677.32</u>	C/o		<u>29,96,41,369.23</u>

TAMIL NADU POLLUTION CONTROL**ANNUAL STATEMENT****Balance Sheet**

See Rule 36 of the Tamil Nadu Water

PREVIOUS YEAR	LIABILITIES	TOTAL OF SUB HEADS	TOTAL OF MAJOR HEADS
Rs.P.		Rs.P.	Rs.P.
55,21,95,000.59	B/F		64,37,47,227.20
95,756.98	ENVIRONMENTAL IMPACT STUDY		99,956.98
1,00,93,879.60	B. INCOME RECEIVED IN ADVANCE (Sch. O)		1,98,04,943.53
2,97,78,000.00	F. SUBSIDIES FOR COMMON EFFLUENT TREATMENT PLANTS		4,03,06,000.00
13,13,088.69	G. ENVIRONMENTAL EDUCATION FUND RESERVE		11,71,194.69
5,00,000.00	H. EMERGENCY RESPONSE CENTRE		5,00,000.00
<hr/>		<hr/>	<hr/>
59,39,75,725.86		TOTAL	70,56,29,322.40

Chennai 600 032
Date: 27-11.97**Sd. D. KANNAN**
Deputy Director
(F & A)**Sd. K.P. BHANUMATHI**
Fin. Adviser

BOARD, CHENNAI - 32.**OF ACCOUNT****as at 31st March 1997**

(Prevention and Control of Pollution) Rules 1983.

PREVIOUS YEAR	ASSETS	TOTAL OF SUB HEADS	TOTAL OF MAJOR HEADS
Rs.P.		Rs.P.	Rs.P.
29,58,19,677.32	B/F		29,96,41,369.23
VI. ADVANCES AND DEPOSITS			
2,49,04,077.18	a. Misc. Amounts Recoverable (Sch. Q)	2,93,09,859.26	
23,53,514.31	b. Others Amount Recoverable (Sch. R)	36,94,714.26	
12,12,543.40	c. Deposits (Sch. S) P.G.D.	13,39,668.40 76,30,000.00	
			4,19,74,241.92
VII. ENVIRONMENTAL IMPACT STUDY			
VIII. CASH			
	a. Deposits		
25,20,06,634.00	i. Term Deposits with Banks	33,57,46,376.00	
63,43,000.00	ii. Term T.T.D.F.C.	78,69,000.00	34,36,15,376.00
1,01,03,683.78	b. Cash at Bank	1,55,39,180.58	
13,392.15	c. Cash in Hand	24,530.00	
12,19,203.72	d. Cash in transit	48,34,624.67	2,03,98,335.25
59,39,75,725.86		TOTAL	70,56,29,322.40

Sd. G. RENGASAMY Member Secretary
Sd. M. DEVARAJ I.A.S., Chairman

Subject to our report of
 Even date & Schedules + notes Attached
 For M/s. A. Srinivasan & Associates
 Chartered Accountants

Sd. A. SRINIVASAN
 Partner.

TAMIL NADU POLLUTION CONTROL BOARD

FORM - XV

ANNUAL STATEMENT OF ACCOUNTS FIXED ASSETS AS ON 31st MARCH 1997

(Item-2 of Assets of Balance Sheet other assets as on 31st March 1997)

(See Rule 36 of Tamilnadu Water (P&CP) rules 1983 - Item-3 Assets of the Balance Sheet)

Sl. No.	Particulars of Assets	Percentage	Opening Balance on 01.04.96	Additions during year and Sales Adjustments	Total	Depreciation	Closing Balance as on 31.03.97	Cumulative Depreciation as on 31.03.97
01.	Building/ Prior Period	10%	-	7,10,99,629.15	7,10,99,629.15	71,09,962.92 1,36,27,334.07	5,03,62,332.16	2,07,37,296.99
02.	Library Books	10%	6,88,481.00	3,34,960.00	10,23,441.00	1,02,344.10	9,21,096.90	5,98,465.13
03.	Vehicles	33.33%	7,17,901.00	6,73,489.00	13,91,390.00	4,63,750.30	9,27,639.70	69,09,993.51
04.	Furniture & Fixtures	10%	33,89,865.00	10,07,591.25	43,97,456.25	4,39,745.65	39,57,710.60	36,16,777.88
05.	Office Appliances	10%	25,22,693.00	28,67,822.20	53,90,515.20	5,39,051.50	48,51,463.70	23,69,414.44
06.	Lab Equipment	33.33%	33,29,412.00	5,47,486.00	38,76,898.00	12,92,170.10	25,84,727.90	1,95,05,971.05
07.	Electrical Instalations	15%	2,64,552.00	1,72,795.60	4,37,347.60	65,602.15	3,71,745.45	9,15,280.16
Total		—	1,09,12,904.00	7,67,03,773.20	8,76,16,677.20	2,36,39,960.79	6,39,76,716.41	5,46,53,199.16

Chennai : 600 032
Dated : 27 -11-97

Sd. D. KANNAN, Deputy Director (F & A)

Sd. K.P. BHANUMATHI
Fin. Advisor

Sd. G. RENGASAMY
Member Secretary

Sd. M. DEVARAJ, I.A.S.,
Chairman

Subject to our report of
Even date & Schedule + notes attached
for M/s. A. Srinivasan & Associates
Chartered Accountants.

Sd. A. SRINIVASAN
Partner

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

SCHEDULE OF RECEIPTS AND PAYMENTS ACCOUNT

SCHEDULE - A

MISCELLANEOUS RECEIPTS

SL.NO	DESCRIPTION	Rs. P.
1.	Analysis Charges (Fees)	53,22,164.00
2.	Cess Appeal Fee	1,150.00
3.	Interest Income	6792.00
4.	Miscellaneous Income	19,91,207.66
5.	VEM Test Fees	11, 58,315.00
6.	Enlistment Fees	42,300.00
7.	A.A.Q.S	43,14,102.00
8.	Sale of legal Books	14,865.00
9.	Rent (Corporate Office)	1,17,870.00
10.	Interest on PGD	33,416.00
11.	Training & Seminar	77,500.00
12.	ETI Receipt	2,04,910.00
	Total	1,32,84,591.66

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

SCHEDULE - B

ADVANCE TO STAFF (Receipts)

SL.NO	DESCRIPTION	Rs.P.
1.	Pay Advance	1,500.00
2.	Temporary Advance	68,578.35
3.	D.T.C. Advance	11,452.00
4.	Other Advance	240.00
5.	Vehicle Advance	1,77,735.00
6.	Imprest to Staff	3,901.75
7.	Tour Advance	1,64,703.65
8.	Festival Advance	4,675.00
9.	Cycle Advance	434.00
10.	T.T. Advance	3,000.00
11.	Marriage Advance	450.00
12.	Handloom Advance	600.00
13.	Driver Training Advance	3,629.00
	Total	4,40,898.75

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

SCHEDULE - C MISCELLANEOUS

SL.NO	DESCRIPTION	Rs.P.
1.	Advertisement and Publicity	4,12,414.00
2.	Postage/Telegram	2,35,381.50
3.	Electricity/Water Charges	27,62,738.00
4.	Printing and Stationery	12,41,270.15
5.	Telephone and Telex	13,28,899.85
6.	Staff Welfare Expenses	2,11,300.85
7.	Pollution Awareness Expenses	1,15,656.00
8.	Training and Seminar	93,736.60
9.	Entertainment	32,648.90
10.	Miscellaneous Expenses	1,24,682.55
11.	Newspaper and Periodicals	1,20,720.80
12.	Conveyance	80,813.55
13.	Wages	8,46,003.50
14.	Office Expenses	1,67,580.10
15.	Expenses through petty cash	3,05,180.90
16.	Prior period adjustment account	40,464.00
17.	Travelling Expenses	9,02,979.60
18.	Trade Fair	2,88,530.00
19.	Land Maintenance Expenses	28,778.00
20.	Payment of outstanding liabilities	5,88,707.20
21.	Flag Day Collection Paid	8,535.00
22.	Bank Interest and Commission	9,001.00
23.	LTC Expenses	1,13,511.00
24.	ETI Expenses	1,94,878.00
25.	Environmental Pavilion Expenses	43,527.00
26.	Property Tax	1,33,509.00
27.	NAAQM	28,255.50
28.	GEM	19,980.00
29.	MINARS	75,760.00
30.	Costal Monitoring	1,43,000.00
	Total	1,06,98,442.55

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

SCHEDULE - D

ADVANCE TO STAFF (PAYMENT)

SL.NO	DESCRIPTION	Rs.P.
1.	Festival Advance	4,50,650.00
2.	Furniture Advance	1,800.00
3.	Cycle Advance	23,982.00
4.	Handloom Advance	42,225.00
5.	Marriage Advance	1,04,999.00
6.	Pay Advance	7,980.00
7.	Tour Advance	5,68,857.00
8.	Temporary Advance	6,68,784.85
9.	L.T.C. Advance	2,12,021.50
10.	Others	14,000.00
11.	Imprest to Staff	10,857.90
12.	TTA	4,109.00
13.	Scientific Staff Arrears Payment	25,000.00
14.	Motor Vehicle Advance	15,50,668.00
	Total	<u>36,85,934.25</u>

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

SCHEDULE - E

DEPOSITS AND ADVANCES (PAID) (OTHERS)

SL.NO	DESCRIPTION	Rs.P.
1.	Advance to Suppliers	24,71,348.00
2.	Earnest Money Deposit	23,250.00
3.	Security Deposit	78,662.00
4.	Environmental Impact Study	2,50,000.00
5.	Rent Advance	2,39,550.00
6.	Enlistment Deposit	25,000.00
7.	Retention Money Deposit	5,044.55
8.	CETP Expenses Receivable	29,210.00
9.	RPGD	14,50,000.00
10.	FBF	1,48,010.00
11.	Electricity Deposit	26,845.00
12.	CETP SUBSIDY RELESED	5,03,00,000.00
13.	Advance for Construction (Guindy)	4,18,434.00
14.	Sundry Creditors others	3,34,362.00
15.	Gratuity fund	10,12,699.00
16.	Prepaid Expenses	19,152.00
17.	Sr. Cr. Paid	1,900.00
18.	Telephone & Telex Deposit	1,15,878.00
19.	T D S (Others)	1,77,647.00
20.	Tax Advance ETI	3,78,464.14
	Total	<u>5,75,05,455.69</u>

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

SCHEDULE - E (I)

ADVANCES AND DEPOSITS (OTHERS) (RECEIVED)

SL.NO	DESCRIPTION	Rs.P.
1.	Enlistment Deposit	29,000.00
2.	Consent Fees Received in Advance	1,44,90,076.60
3.	Cess Received in Advance	10,535.00
4.	Analysis Fees Received in Advance	15,17,885.00
5.	A.A.Q.S Received in Advance	20,75,795.00
6.	Flag Day	8,715.00
7.	C.E.T.P Receipts	6,08,50,000.00
8.	Environment Impact Study	2,54,200.00
9.	SWF	1,965.00
10.	Gratuity Fund	1,12,699.00
11.	Staff Death Claim Payable (FBF)	1,11,875.00
12.	Telephone Telex Deposit	8,000.00
	Total	<u>7,94,70,745.60</u>

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

**Schedule forming part of Income and Expenditure Account
for the year ending 31st March 1997**

SCHEDULE - F

EXPENDITURE

SL.NO	DESCRIPTION	Rs.P.
<i>ALLOWANCES AND HONORORIA</i>		
1.	Allowances	2,37,37,706.45
2.	Wages	9,27,332.50
3.	Travelling Expenses	14,55,281.20
4.	Mdical Reimbursement	21,25,880.30
5.	Honororium	28,984.00
6.	Bonus	9,33,786.00
7.	LTC Expenses	3,13,664.00
8.	Interim Relief	18,62,778.75
9.	Turn Duty	20,808.20
10.	Over time	43,907.90
	Total	3,14,50,129.30

SCHEDULE - G

Running and Maintenance of Vehicles

SL.NO	DESCRIPTION	Rs.P.
1.	Repairs	11,31,038.25
2.	Fuel	14,43,951.90
3.	Hire Charges	1,09,250.75
4.	Insurance	92,942.00
	Total	27,77,182.90

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

**SCHEDULE -H
MISCELLANEOUS**

SL.NO	DESCRIPTION	Rs.P.
1.	Office Expenses	2,03,766.65
2.	Telephone & Telex	13,43,599.77
3.	Sundries - Miscellaneous	78,168.00
4.	Entertainment Expenses	86,730.95
5.	Printing & Stationery	13,35,316.95
6.	Electricity & Water Charges	25,61,313.50
7.	Postage & Telegram	2,22,368.50
8.	Advertisement & Publicity	4,47,652.00
9.	Rent on Buildings	25,61,969.50
10.	Periodicals and Publications	1,62,003.50
11.	Pollution Awareness Expenses	2,32,830.70
12.	Coastal Project Expenses	1,43,000.00
13.	Family Benefit Fund Contribution	13,215.00
14.	Conveyance Expenses	1,51,780.80
15.	Staff Welfare Expenses	2,98,908.05
16.	Training and Seminar Expenses	20,870.55
17.	Bank Interest	2,671.60
18.	Land Maintenance Expenses	28,778.00
19.	Trade Fair Expenses	3,67,730.00
20.	NAAQM Expenses	30,660.50
21.	T A for Auditors	6,047.00
22.	E T I Expenses	3,95,791.75
23.	DEE Legal Sample Expenses	5,60,265.00
24.	Insurance of Assets	55,366.00
25.	ETI - Insurance of Assets	18,831.00
26.	Property Tax	2,67,018.00
27.	Environmental Pavilion Expenses	43,527.00
28.	Project Expenses	-
	Total	1,16,40,180.27

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

SCHEDULE - I

FEES

SL.NO	DESCRIPTION	Rs.P.
1.	Consent Fees	7,49,83,425.00
2.	Consent Forms	9,47,615.00
	Total	<u>7,59,31,040.00</u>

SCHEDULE - J

Services and Rental Charges

SL.NO	DESCRIPTION	Rs.P.
1.	Analysis Charges	58,34,823.00
2.	AAQS	50,02,867.00
3.	VEM Test Fees	11,58,315.00
	Total	<u>1,19,96,005.00</u>

SCHEDULE - K

MISCELLANEOUS

SL.NO	DESCRIPTION	Rs.P.
1.	Cess Appeal Fees	1,150.00
2.	Miscellaneous Income	15,29,959.75
3.	Enlistment Fees	37,300.00
4.	Sale of Legal Books	15,015.00
5.	Interest on Loans & Advances	3,35,140.35
6.	Others	—
	Total	<u>19,18,565.10</u>

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

Schedules forming part of Balance Sheet as at
31st March 1997

LIABILITIES

SCHEDULE - L

	Rs.P.	Rs.P.
	Dr.	Cr.
PRIOR PERIOD EXPENSES:		
EXPENSES:		
1. Audit Expenses	16,280.00	---
2. Rent	22,000.00	7,800.00
3. Consent Fees	40,000.00	---
4. Salary	6,693.00	---
5. Travelling Expenses	30,729.00	---
6. Bank Interest	---	5,47,448.00
Total	1,15,702.00	5,55,248.00
		4,39,546.00

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

LIABILITIES

SCHEDULE - M

OTHER DEPOSITS

SL.NO	DESCRIPTION	Rs.P.
1.	EMD	10,65,178.20
2.	Security Deposits	7,06,195.15
3.	Enlistment Deposits	2,90,000.00
4.	Retention Money Deposits	2,74,623.48
5.	Miscellaneous Deposit (Tirupur ETP)	3,15,000.00
	Total	<u>26,50,996.83</u>

SCHEDULE - N

SUNDRY CREDITORS

SL.NO	DESCRIPTION	Rs.P.
1.	Flag Day Collection	4,615.00
2.	P.R.L.	27,108.95
3.	Pension Payable	1,35,03,255.00
4.	Outstanding Liability	24,50,440.60
5.	Salary Payable	2,86,425.35
6.	Unadjusted Advances	75,258.89
7.	Staff Death Claim Payable	1,31,761.40
8.	House Building Advance	29,702.30
9.	P.R.L. (Others)	2,46,287.30
10.	T D S (Others)	19,270.00
11.	Scientific Staff Pay Arrears	20,340.00
12.	Pension Fund	48,166.00
13.	Gratuity Fund	42,053.00
	Total	<u>1,68,84,683.79</u>

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

LIABILITIES

SCHEDULE - O

INCOME RECEIVED IN ADVANCE

SL.NO	DESCRIPTION	Rs.P.
1.	Consent Fees	1,61,81,246.60
2.	Cess Fees	3,27,402.93
3.	Analysis Fees	12,85,981.00
4.	AAQS	20,10,313.00
	Total	1,98,04,943.53

ASSETS

SCHEDULE - P

SCHEMES

SL.NO	DESCRIPTION	Rs.P.
1.	Establishment of Regional Lab at Vellore	58,000.00
2.	Technical Staff Support for Audit Equipment	3,25,850.00
3.	Technical Staff Support for Environmental Audit (Revenue)	5,02,760.00
4.	Management of Hazardous Substance	4,22,689.50
5.	Central Scheme (Strengthening of Board Lab.)	2,41,961.60
6.	Centre State co-ordinated	31,29,191.25
7.	Environmental Policy & Law Programme on Environment	36,90,682.36
8.	Hazardous Waste Disposal Site Scheme	10,570.00
9.	Other Miscellaneous Schemes	8,41,584.00
	Total	92,23,288.71

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

SCHEDULE - Q

MISCELLANEOUS ADVANCES

SL.NO	DESCRIPTION	Rs.P.
1.	Advance to Suppliers	94,94,732.28
2.	Rent Advance	6,59,341.25
3.	Insurance Claim Receivable	43,243.00
4.	Land Advance	18,81,395.00
5.	Analysis Fees Due	52,479.75
6.	CETP Expenses Receivable	4,93,457.75
7.	Prepaid Expenditure	1,42,281.00
8.	Other Assets (Imprest)	5,968.40
9.	Staff Welfare Fund	10,080.00
10.	Tax Advance to E T I	3,78,464.14
11.	Intrest Receivable	1,61,07,416.69
12.	Others	41,000.00
	Total	<u>2,93,09,859.26</u>

TAMILNADU POLLUTION CONTROL BOARD, CHENNAI - 32.

SCHEDULE - R ADVANCES TO STAFF

SL.NO	DESCRIPTION	Rs.P.
1.	Tour Advance	4,32,690.90
2.	Temporary Advance	4,16,156.70
3.	Marriage Advance	1,42,465.00
4.	Festival Advance	2,97,765.00
5.	Handloom Advance	24,030.00
6.	Driver Training Advance	25,261.00
7.	Pay Advance	7,600.00
8.	Cycle Advance	26,990.00
9.	Motor Vehicle Advance	21,84,523.16
10.	LTC Advance	14,405.50
11.	Miscellaneous Advance	9,244.00
12.	Educational Advance	26,721.00
13.	Staff Housing Scheme	12,662.00
14.	Furniture Advance	600.00
15.	T T Advance	73,600.00
	Total	36,94,714.26

SCHEDULE - S

DEPOSITS

SL.NO	DESCRIPTION	Rs.P.
1.	Telephone & Telex	10,16,842.00
2.	T.N.E.B.	3,13,325.00
3.	Miscellaneous Deposits (Custom Deposit)	3,573.40
4.	Staff Higher Studies Deposit	5,928.00
	Total	13,39,668.40

SCHEDULE - T

Notes forming part of Accounts for the year ended
31st March 1997.

1. ACCOUNTING POLICIES :

a) Fixed Assets are shown at Written Down Value. Depreciation has been provided at the following rates as decided by the Board which is being followed consistently. Depreciation in respect of addition during the year has been provided for the full year.

i.	Library Books	10%
ii.	Vehicle	33.33%
iii.	Furniture & Fixtures	10%
iv.	Office Appliances	10%
v.	Lab Equipment	33.33%
vi.	Electrical Installation	15%
vii.	Building	10%

b) Stock of Chemicals/Glasswares and Consumables are as inventoried as at the Close of the year and valued at cost.

c) Except for interest on investments, Other income is accounted on receipt basis.

d) Payment of Gratuity to the employees is covered under LIC's Groups Gratuity Scheme, and pension to employees is being provided on annual accrual basis.

2. CESS RECEIVABLE : Rs.21,11,59,890.87

I. This includes an amount of Rs.51,89,246/- from M/s. Seshasayee Paper and Boards Ltd, Pallipallayam. The above industry has filed writ petition in the High Court of Chennai against the Water Cess Assessment order passed by the Board. This Petition is still pending with the High Court Chennai.

II. The above amount also includes a total Sum of Rs.4,45,03,425/- due from E.T.P.S Ennore a sum of Rs.3,27,82,157/- due from M/s. Tuticorin , Thermal Power Station, Tuticorin and a sum of Rs.2,84,41,944/- from M/s. North Madras Power Project, Chennai.

III. Amount due from Local Bodies is Rs.7,83,21,696/- (as on 31-03-97) they have disputed the claim on the ground they also form part of Government and no cess can be levied on them.

IV. Provision made for doubtful debts in respect of dues from industries and Local Bodies not collected works out to Rs.11,67,489/-.

3. Amount Paid towards cost of lands at Ambattur, Hosur and other places have been classified under "Land Advances" pending transfer of land in favour of the Board.
4. Advances to suppliers includes amounts paid in earlier years still pending allocation to various accounts heads.
5. Sundry Debtors under Miscellaneous Advances represents the Analysis charges receivable from various District Environmental Engineer's Offices.
6. Common Effluent Treatment Plant - Expenses incurred in respect of different places amounting to Rs.4,93,457/- is shown under Schedule - Q - Miscellaneous Advances pending sanctioned by the Board for write-off.
7. Miscellaneous income includes Rs.17 Lakhs received from industries as per the order of Honourable High Court as per direction in Supreme Court Case W.P.No.914/91.
8. Depreciation on building has been provided for earlier period also and shown as prior period adjustment.
9. Term Deposit to the tune of Rs.81 Lakhs is in the custody of Canara Bank, Kasturiba Nagar Branch, Chennai on lien for opening a Letter of Credit.

Sd. D.KANNAN **Sd. K.P.BHANUMATHI** **Sd. G.RENGASAMY** **Sd. M.DEVARAJ, I.A.S.,**
Deputy Director *Fin. Adviser* *Member Secretary* *Chairman*
 (F & A)

Subject to our report of even dated
 for M/s. A. Srinivasan & Associates
 Chartered Accountant

Chennai : 600 032
 Date : 27 -11-97

Sd. A. SRINIVASAN
 Partner.

