

தமிழ்நாடு
மாக
கட்டுப்பாடு
வாரியம்

TAMILNADU
POLLUTION
CONTROL
BOARD

ஆண்டு அறிக்கை
ANNUAL REPORT
1993 - 94



ஆண்டுக்கணக்குகள்
ANNUAL ACCOUNTS
1993 - 94





ANNUAL REPORT AND ACCOUNTS
1993 - 1994

TAMIL NADU POLLUTION CONTROL BOARD
MADRAS - 600 032.



ANNUAL REPORT AND ACCOUNTS
1993 - 1994

TAMIL NADU POLLUTION CONTROL BOARD
MADRAS - 600 032

**ANNUAL REPORT FOR THE YEAR
1993 - 94**

**TAMIL NADU POLLUTION CONTROL BOARD
Madras - 600 032.**

ANNUAL REPORT FOR THE YEAR
1993 - 94

TAMIL NADU POLLUTION CONTROL BOARD
Madras - 600 032.

AUDITOR'S REPORT
to the Members of
The Tamil Nadu Pollution Control Board, Madras.

We have audited the attached Balance Sheet of the Tamil Nadu Pollution Control Board as at 31st March 1994 and also the Receipts and Payments and Income and Expenditure Account for the year ended on that date annexed thereto and report that :

- a) We have 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 have been kept by the Board, so far as appears from our examination of such books.
- c) The Balance Sheet, Receipts and Payments Account and Income and Expenditure Account dealt with by this Report are in agreement with the books of account.
- d) Payments for Lands at several locations, for which 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 Land Account to be shown under Fixed Assets.
- e) Payments made to various suppliers from 1986 are included under Advances to Suppliers, even though the materials were already received or supplies or services had already been completed. These have not yet been transferred to either the Assets Account, on which Depreciation is claimable, or to the relevant Expenditure Accounts.
- f) Miscellaneous Advances includes Rs.50,580 shown as Analysis Charges receivable (Sundry Debtors) towards Analysis Fees charged by the Board's Laboratory at Madurai to various DEE's Offices of the Board. These are not responded by the DEE's offices as outgoings in their accounts.
- g) Other Advances (Recoverable) includes Tour and Temporary Advances relating to earlier years amounting to Rs.3,46,254 for which details are not available, and which are pending either adjustment or recovery.
- h) Miscellaneous Deposits under the head Deposits includes Rs.2,97,000 for which details are not available.
- i) Funds in Transit includes Rs.3,75,546 pending over one year.
- j) In our opinion and to the best of our information and according to the explanations given to us, the said accounts read with the schedules attached thereto and the Notes thereon, and subject to paragraphs (d) to (i) above, 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 Balance Sheet, of the state of affairs of the Board as at 31st March 1994.
 - 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 1994, 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 1994.

Place : Madras
Dated : 18.1.95

For ESGEEAAR ASSOCIATES
Chartered Accountants
(sd.) S.G. RAMACHANDRAN
Partner

ANNUAL REPORT FOR THE YEAR 1993-94

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 27.2.82. This was later renamed as the Tamil Nadu Pollution Control Board. The Air (Prevention and Control of Pollution) Act, 1981 came into force on 16.5.1981.

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 thereof.
- To inspect sewage and trade effluent treatment plants for their effectiveness and review the plants 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 identify sites for stroage 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 the Chairman, five officials nominated by the State Government, five persons to represent local authorities, three non-officials to represent the interests of agriculture, fishery or industry, two persons to represent the companies or corporations owned by the Government and Member Secretary. The composition of the Board may be seen at Annexure I.

2.2 FUNCTIONING OF THE BOARD

The field structure was further consolidated and strengthened. Five Regional Offices and Sixteen Offices of District Environmental Engineers were established for effective monitoring of Industries and implementation of the provisions of the Acts. On the Scientific side, three Advanced Environmental Laboratories, three District Environmental Laboratories and six Mobile Environmental Laboratories were established. These labs carry out analysis of samples of trade effluents and air emissions and hazardous wastes. The total number of employees in the Board is 638.

The organisation chart of the Board and the staff strength are furnished in Annexure II & III.

CHAPTER - III

MEETINGS OF THE BOARD : Nine meetings were held during the year 1993-94. Major Decisions taken at the meetings are listed below :

SL. NO.	SUBJECT	ITEM NO.	DATE OF MEETING
1.	Approved the proposal that in respect of green site Industries processed during the period from January to March of any year the period of validity might be given to 31st March of the next year.	127-6 (Part-I)	19.4.93
2.	The Board decided that it would not register any consultant in the Board.	129-38 (Part-I)	9.7.93
3.	The Board decided to adopt the procedure laid down by Central pollution Control Board to grant Consent to establish and consent to operate, under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.	132-22 (Part-I)	8.10.93

CHAPTER - IV

COMMITTEES CONSTITUTED BY THE BOARD AND THEIR ACTIVITIES

For more effective disposal of business, certain Committees were constituted by the Board. The important among them are :

4.1 CONSENT CLEARANCE COMMITTEE

The Consent Clearance Committee was constituted with a view to quicken the process of issue of Consent for industries classified under orange and green categories as well as certain red category industries. Approved Agenda are placed before Consent Clearance Committee for decision. During 1993-94, 9 meetings were conducted.

4.2 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 & Small Scale Industries in Tamil Nadu has been formed to sort out the difficulties through periodical meetings.

4.3 TECHNICAL ADVISORY COMMITTEE

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

4.4 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.

4.5 PURCHASE COMMITTEE

With a view to streamlining the purchase system and for processing the tenders and taking speedy decisions on purchases, the Board has approved the formation of a Purchase Committee consisting of the Scientific Advisor as its Chairman and the Deputy Manager (Purchase) as the Convenor of the Purchase Committee.

CHAPTER - V

MONITORING NETWORK FOR QUALITY OF AIR, WATER AND SOIL

5.1 NATIONAL AMBIENT AIR QUALITY MONITORING (NAAQM)

The Tamil Nadu Pollution Control Board has been monitoring the air quality in and around the city of Madras 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 the instruction of Central Board. These stations are functioning in the following places.

1. Manali - Industrial Zone
2. Kathivakkam - Industrial zone
3. Thiruvottriyur - Commercial zone

Each Station is run on 24 hours basis, twice a week and the samples collected from these stations are analysed for suspended particulate matter (SPM) and gaseous pollutants like sulphur-di-oxide and oxides of nitrogen.

This project has been extended to Tuticorin and Coimbatore.

At Tuticorin, Ambient Air Quality stations are functioning in the following locations.

- a. Chemical Research Laboratory
- b. Fisheries College
- c. AVM Building

At Coimbatore, the Ambient Air Quality stations are functioning in the following places.

- a. Collectorate office building
- b. Saibaba colony and
- c. SIDCO Building

5.1.1 AIR QUALITY IN MADRAS CITY:

The Ambient Air Quality survey carried out under NAAQM project shows a slight increase in the concentration of Suspended Particulate Matter, SO_2 and No_x as against the norms. However there is no significant change in the pH value of the rain water analysed for acid rain during monsoon season.

5.1.2 AIR QUALITY IN COIMBATORE / TUTICORIN

The level of SPM, SO₂ and NO_x are generally within the standards.

5.2.0. MONITORING OF INDIAN NATIONAL AQUATIC RIVER SYSTEM (MINARS)

The following rivers are being monitored for water quality under this project.

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

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

5.2.1 RIVER CAUVERY

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. A total number of 189 water samples have been collected and analysed during the year 1993-94.

5.2.2 RIVER THAMIRAPARANI

The Tamil Nadu Pollution Control Board has been monitoring the water quality of Thamiraparani on a monthly basis at 8 stations. 21 physico-chemical parameters and biological parameters are analysed, in respect of each monitoring station. Analysis is done at Advanced Environmental Laboratory, Madurai. A total number of 96 water samples have been collected and analysed during the year 1993-94.

The water quality study at seven points in the river Thamiraparani under MINARS project shows a very low level of discharge of effluents and no abnormal variation in the characteristic of the river water.

5.2.3 RIVER PALAR

Only one station viz., Vaniyambadi Municipal Head Water works is being monitored every month under this project. Analysis of water samples is done at Advanced Environmental Laboratory, Madras. A total number of 12 water samples have been collected and analysed.

5.3. GLOBAL ENVIRONMENTAL MONITORING SYSTEM (GEMS)

Water quality of the Cauvery Basin is monitored at 3 stations and ground water quality is monitored at Musiri on a monthly basis. The project is funded by the Central Pollution Control Board, New Delhi.

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 station. Analysis is done at Advanced Environmental Laboratory, Salem. A total number of 48 water samples have been collected and analysed during the year 1993-94.

5.4.0 MONITORING OF WATER QUALITY OF CITY WATERWAYS OF MADRAS CITY

The Tamil Nadu Pollution Control Board is monitoring the water quality of Madras City waterways namely, the Cooum, Adyar, Buckingham Canal and Otteri drain 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	Number of sampling points
1.	Adyar	22
2.	Cooum	21
3.	Buckingham Canal	22
4.	Otteri Drain	14

The Tamil Nadu Pollution Control Board is also monitoring the outfalls from the various industries that discharge into city waterways and also the outfalls from the 2 sewage treatment plants located at Koyambedu and at Nesapakkam.

5.5.0 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 were identified along the Tamil Nadu Coast starting from Ennore to Cape Comerin. Sea water samples and sediments were collected and various physico-chemical and biological parameters for these samples were analysed. Total number of 751 samples were collected and analysed. The pH values of coastal waters varied from 6.5 to 8.5. Low salinity was observed at the river mouths due to the inflow of fresh water. In general the quality of the coastal water was observed to be within safe limits.

5.5.1 MONITORING OF SOIL QUALITY-MADRAS CITY WATERWAYS

The Tamil Nadu Pollution Control Board has collected and analysed the sludge samples from the four waterways in Madras city namely the Cooum, Adyar, Buckingham Canal, and Otteri drain. This project has been undertaken in co-ordination with M/s. Mott Mac donald International, U.K. who have been entrusted with the study of cleaning of the city water ways under the assistance from Overseas Development Authority, United Kingdom.

A total number of 88 sludge samples were collected during the year 1993-94 from the City waterways. The samples collected were analysed for 14 physico-chemical and bacteriological parameters. The samples were analysed at Advanced Environmental Laboratory, Madras-4. Sludge was mostly organic in nature with concentration of cadmium. Total Chromium, Cyanide, Arsenic, Boron, Mercury, Nickel and Lead were below the detectable limit.

5.6.0 VEHICLE EMISSION MONITORING

The Tamil Nadu Pollution Control Board in pursurance of the G.O.Ms.No.215 & 216, dt. 10.2.92 of Home (Transport) Department has established the following 4 stations based on the inventorisation of vehicles to test the vehicle emissions. Initially goods transport vehicles are covered.

- | | |
|------------|------------------|
| 1. Guindy | 3. Royapuram |
| 2. Chetpet | 4. Thirumangalam |

The Tamil Nadu pollution Control Board after testing the vehicles issues certificates to the effect that vehicles comply with the standards of smoke emissions. Based on the certificate FC is issued by the Transport Department. During the year 1993-94 a total number of 15,710 goods carriages were tested. Out of these 813 vehicles were found to exceed the limits.

5.7 MONITORING OF 17 CATEGORIES OF HIGHLY POLLUTING INDUSTRIES

The Ministry of Environment & 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.

119 industries were identified as highly polluting units in the State 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.

As on 31.12.93, it was identified that 108 units (2 closed) installed requisite facilities. The nine non complied units are monitored closely as per the directions of Central Pollution Control Board.

CHAPTER - VI

PRESENT STATE OF ENVIRONMENTAL PROBLEMS AND COUNTER MEASURES

6.1 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. The details of samples collected and analysed during the year 1993-94 are shown at ANNEXURE VI & VII. In order to achieve the standards prescribed by the Board, 1114 units have provided effluent treatment plants.

During the year 1993-94 the Board has issued 798 Consents under the Water (Prevention and Control of Pollution) Act, 1974. Details are shown in Annexure-VIII.

6.2 AIR POLLUTION CONTROL

Tamil Nadu Pollution Control Board enforces the provision 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. 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.

The Board has issued 624 consents under the Air (Prevention and Control of Pollution) Act, 1981 during the year 1993-94. Details are in Annexure-IX.

6.3 COMMON EFFLUENT TREATMENT PLANTS :

6.3.1 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 Small Scale Sector, the Board has launched a programme of setting up Common Effluent Treatment Plant establishing the principle that 'Polluter

Pays' by which beneficiary units themselves accept full responsibility for setting up, operating and maintaining the treatment facilities. Tamil Nadu Pollution Control Board assists the units in mobilisation of financial resources.

6.3.2 FINANCIAL PATTERN OF CETP SCHEME

- a. Subsidy by Central Government : 25% of the project cost subject to a maximum of Rs. 50 lakhs.
- b. Subsidy of State Government : 25% of the project cost subject to a maximum of Rs. 50 lakhs.
- c. Beneficiaries 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.

6.3.3 STATUS OF COMMON EFFLUENT TREATMENT PLANT :

The common Effluent Treatment Systems are proposed in the following sectors :

Tanneris	:	10
Textile Dyeing Units	:	16
Sago	:	1
Hotel & Lodges	:	1
Incinerator for Hospital Wastes	:	1

The tanneries in Tamil Nadu numbering around 900 are mostly located in North Arcot Ambedkar District. A considerable number of them are also located in Chengai-MGR, Periyar, Trichy and Dindigul Anna Districts. With the technical guidance and administrative assistance of Tamil Nadu Pollution Control Board, a Common Effluent Treatment Plant Scheme is being put up at Pammal in Chengai-MGR District to meet the needs of 132 tanneries at a cost of Rs.650 Lakhs. Government of India and Government of Tamil Nadu have sanctioned a grant of Rs.50 lakhs each as subsidy for this scheme. Also, United Nations Industrial Development Organisation is providing technical and equipment assistance to the tune of U.S. \$ 1.5 Million for this scheme. Works on the scheme are in advanced stage of execution.

For the tanneries located in North Arcot Ambedkar District, Tamil Nadu Pollution Control Board has proposed Common Effluent Treatment Plant schemes in 7 locations at Ranipet-SIDCO Industrial Estate, Melpudupet, Chettihangal, Perumalpet, Melvisharam, Pudur and Valayampet at a total cost of Rs.1611 Lakhs. These proposals are in various stages of implementation. Also Common Effluent Treatment Plant projects at Erode for about 70 tanneries at a cost of Rs.610 lakhs and at Dindigul for 36 tanneries at a cost of Rs.420 lakhs have been formulated. Government of India and Government of Tamil Nadu have granted Rs.50 lakhs each as subsidy for the Common Effluent Treatment Plant scheme proposed at Erode.

In the textile dyeing sector, Common Effluent Treatment Plant schemes have been formulated for implementation at Ayyampet-Muthialpet, Erode, Tiruppur, Karur and Bhavani for the textile dyeing units located there. The preliminary works on the Common Effluent Treatment Plant schemes for 58 units at a cost of Rs.142 lakhs at Ayyampet-Muthialpet have been completed. Government of India and Government of Tamil Nadu have sanctioned Rs.22.5 lakhs each as subsidy. In Tiruppur, the textile dyeing units have been grouped into three zones and Common Effluent Treatment Plants are planned to be implemented at 3 locations at a total cost of Rs.1500 Lakhs. Government of India and Government of Tamil Nadu have sanctioned Rs.37.5 Lakhs each as first instalment of subsidy for these schemes.

The dyeing units at Karur are grouped into seven zones and the feasibility reports, to put up Common Effluent Treatment Plants for these schemes have been formulated. They are being appraised by National Environmental Engineering Research Institute (NEERI), Nagpur and Indian Institute of Technology, Madras. First Instalment of subsidy of Rs.21.4 lakhs has been released by Government of Tamil Nadu. Subsidy from Government of India is awaited. The Common Effluent Treatment plant proposals at Erode in two zones and at Bhavani are under various stages of formulation and Government of Tamil Nadu have granted Rs.32.5 lakhs and Rs.7.5 lakhs respectively as subsidy in advance for these schemes.

Further, to conserve the Kodaikanal lake, a Common Effluent Treatment Plant Scheme has been proposed at Kodaikanal at a cost of Rs.130 lakhs to treat the effluents generated from the Hotels, Lodges and other commercial establishments.

6.4.0 MANAGEMENT OF HAZARDOUS WASTES AND HAZARDOUS CHEMICALS

The Government of India, Ministry of Environment and Forests have enacted the following rules under the Environment (Protection) Act, 1986 for Management of hazardous substances.

1. Hazardous Waste (Management & Handling) Rules 1989 and
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 authorisations of the Tamil Nadu Pollution Control Board. At present 771 units generating hazardous wastes have been identified and so far 40 authorisations have been issued for handling hazardous wastes.

As per provisions 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 14 isolated storages of Hazardous chemicals have been identified. Three units have notified the sites in prescribed schedules.

Import of Hazardous Chemicals are also covered under these rules. Units importing Hazardous Chemicals as listed in Schedule 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.

6.5.0. MOBILE LABORATORIES

The Board has to carry out on the spot analysis of effluent and ambient air quality in many cases. To enable the Board to meet this requirement, the Board has established six Mobile Laboratories at a cost of Rs.15/- lakhs each, capable of carrying out analysis of effluent, ambient air quality survey and stack monitoring.

CHAPTER - VII

ENVIRONMENTAL TRAINING

With a view to promoting 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 Pavillion inside the premises of the Periyar Science and Technology Centre at Kotturpuram, Madras. The pavillion will have permanent Exhibition Centre and an Auditorium with facilities like audio-visual equipments such as public address system, slide and over-head projectors, as well as 60 mm projector.

8.8.6. MOBILE LABORATORIES

The Board has to carry out on the spot analysis of effluent and ambient air quality in many cases. To enable the Board to meet this requirement, the Board has established six Mobile Laboratories at a cost of Rs. 15- lakhs each, capable of carrying out analysis of effluent, ambient air quality survey and stack monitoring.

CHAPTER VIII

ENVIRONMENTAL AWARENESS AND PUBLIC PARTICIPATION

The Board has been playing a catalytic role in the creation of Environmental awareness among the public. It has been participating in Seminars and Workshops related to environmental issues.

- 8.1 Traffic Signal to regulate the City Traffic with slogans on environmental protection was Inagurated by Thiru. R. Rajagopalan, I.P.S., Commissioner of Police and presided by Thiru. P.M. Belliappa, I.A.S., Chairman, Tamil Nadu Pollution Control Board on 24.5.93 at Halda Junction, GST Road, Madras.
- 8.2 Lecture on Energy conservation was presented on 3.6.93 by Dr. Petri L.M. Haydemann, American Embassy,
- 8.3 World Environment Day Celebration was held on 9.6.93. The function was presided by Thiru. A.P. Muthusamy, I.A.S., Secretary to Government, Environment and Forest Department.
- 8.4 Catalog show Exhibition of "Pollution Control in U.S.A." was held from 29.9.93 to 31.10.93 in the Environmental Pavilion. The function was inaugurated by Mr. Timothy P.Hauser, Consul General of America and presided by Thiru. R. Varadharajulu I.A.S., chairman, Tamil Nadu Pollution Control Board.
- 8.5 Environmental Exhibition was conducted at Sir Sivaswami Kalalaya CBSE School, Madras-4 on 20 - 21.10.93.
- 8.6 Board participated in the India International Trade Fair on 14.11.93 to 27.11.93 at New Delhi, conducted by Government of India.
- 8.7 Asian Workshop on "Global Change Education" was conducted on 22.11.93 which was inaugurated by Thiru.K.Ponnusamy Honourable Minister for Education and presided by Thiru.C.Thangaraju, I.A.S., Chairman, Tamil Nadu Pollution Control Board.
- 8.8 Quiz on Energy and Environment was conducted on 24.11.93.
- 8.9 Elocution competition on Environment for children was conducted on 9.12.93 was presided by Thiru.R.Kuppusamy, I.A.S., Collector of Madras.

- 8.10 Participated in the International Trade Fair from 3.1.94 to April 1994 conducted by Government of Tamil Nadu at Island Grounds Madras.
- 8.11 Seminar on Environmental protection was conducted on 17.3.94 which was inaugurated by Thiru.C.Thangaraju, I.A.S., Chairman, Tamil Nadu Pollution Control Board and presided by the President, Rotary Club of Madras.

PUBLICATIONS

8.12 Tamil Nadu Pollution Control Board, News letter

8.13 Tamil Nadu Pollution Control Board, Pamphlets

8.14 Tamil Nadu Pollution Control Board's profile 2nd edition.

CHAPTER - IX

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 these standards.

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

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

CHAPTER - X

PROSECUTION LAUNCHED & CONVICTIONS SECURED FOR ENVIRONMENTAL POLLUTION CONTROL

12 cases were filed under the Water (Prevention and Control of Pollution) Act, 1974 and 7 cases were filed under the Air (Prevention and Control of Pollution) Act, 1981 during the year 1993-94.

CHAPTER - XI

FINANCE AND ACCOUNTS OF THE BOARD (Provisional figures subject to audit)

Rs. in Lakhs

Opening Balance		52.34
Expenditure during the year 93-94		697.08
Receipts		718.71
Closing balance as on 31.3.94		73.97
DETAILS		
Receipt of the Board-Grants received from State Government		10.00
Grants received from CENTRAL GOVERNMENT		Nil
Consent Fees		492.31
Monitoring and Analysis Charges		101.38
Cess		11.30
Sale of Application Form & Books		4.66
Others		99.06
Total		718.71
EXPENDITURE		
REVENUE		
1. Salary and GPF	: 288.97	
2. T.A. and L.T.C.	: 10.78	
3. Office Expenditure (Stationery, Rent, Vehicle, Telephone, Printing, Hospitality, etc.)	: <u>102.25</u>	
		402.00
CAPITAL		
1. Fixed Assets	: 12.04	
2. Other Assets	: 265.23	
3. Advance of Staff	: <u>17.81</u>	
		295.08
Sub total	:	697.08

IX CHAPTER - XII

FINANCE AND ACCOUNTS OF THE BOARD
ANNUAL PLAN 1994-1995

OUTLAY AND EXPENDITURE STATE SCHEMES

(Rs. in LAKHS)

Sl.	Head of Development Group Head/Name of Scheme	Eighth Five Year Plan Outlay 1990-95	Actual Expenditure 1992-93	1993 - 1994		1994 - 1995	
				Approved Outlay	Anticipated Expenditure	Proposed outlay	Of Which Capital content (Tentative)
1.	State Plan						
2.	Prevention of Air & Water Pollution						
3.	Control of Water and Air Pollution	2000.00	22.97	35.00	35.00	10.00	7.00

CHAPTER - XIII

13.1 EMERGENCY RESPONSE CENTRE

With increasing industrialisation and induction of new Technology, there is an increase in the number of chemical industries and use of Hazardous substances. There is a great potential for accidents occurring during operation, transportation, or handling of hazardous materials which would cause loss of life and property.

It is proposed to establish an Emergency Response Centre in a phased manner at the major chemical complexes in Tamil Nadu namely Manali, Mettur, Cuddalore and Tuticorin which will provide prompt relief and initiate measures to cope with the hazardous chemicals. As a first step this facility is being established for the Manali area. The total project cost is approximately Rs. 53 lakhs, out of which Government of Tamil Nadu in G.O.Ms. No. 287, E&F Dept., dated 22.7.92 have sanctioned and released Rs. 10.32 lakhs towards the State Government contribution. The Government of India have sanctioned Rs. 12 lakhs towards its share. The remaining amount is to be provided by the beneficiary Units. This is a round the clock facility to handle any emergency. The proposals include establishment of data base on hazardous chemicals, clean up technology, computer facility, modem, repeater station, Emergency van with trained personnel and minimum protective equipment etc. Action has been initiated to procure computer system. The computer system comprises of 80846 EISA system with supporting peripherals such as floppy, visual display units and necessary system software. The Board has also acquired certain software on Hazardous chemicals like ARCHIE, EFFECTS. Indian chemical manufacturers Association floppy diskettes I & II.

13.2 MONITORING OF ECOLOGICALLY SENSITIVE AREAS

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

13.3 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 64 units have taken the Insurance Policies.

13.4 SUSTAINABILITY STUDIES FOR MANALI - ENNORE AREA

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.30 lakhs. Preliminary data pertaining to meteorology, Ambient Air Quality, Population demography, Water Quality and industries in Manali area have been compiled. The following software have also been developed.

- | | |
|---------------|----------------|
| 1. Smart Alec | 2. Biomass |
| 3. Monil | 4. Gas Pod |
| 5. Maxcred | 6. Mandat |
| 7. Card | 8. Jesew-Amost |

The Board is co-ordinating with Centre for Pollution Control and Biowaste Energy, Central University, Pondichery and Manali Industries' Association for conducting the Sustainability Studies for Manali-Ennore Area.

13.5 ENVIRONMENTAL STATEMENT

The Ministry of Environment and Forests, Government of India have enacted a new rule called Environmental Audit by Gazette Notification on 13th March, 1991 (amended vide Notification GSR 386 (E), Dated 22nd April 1993) as Environmental Statement. 174 Industries have furnished the Environmental Statement as required under Section 6 and 25 of the Environment (Protection) Act, 1986.

One Day Workshop on Environmental Statement was also conducted at Madras in Co-ordination with Confederation of Indian Industries (CII) and Madras Chamber of Commerce and National Productivity Council to appriase the industries in and around Madras and officers of the Board about the preparation and scrutiny of statement and the benefits.

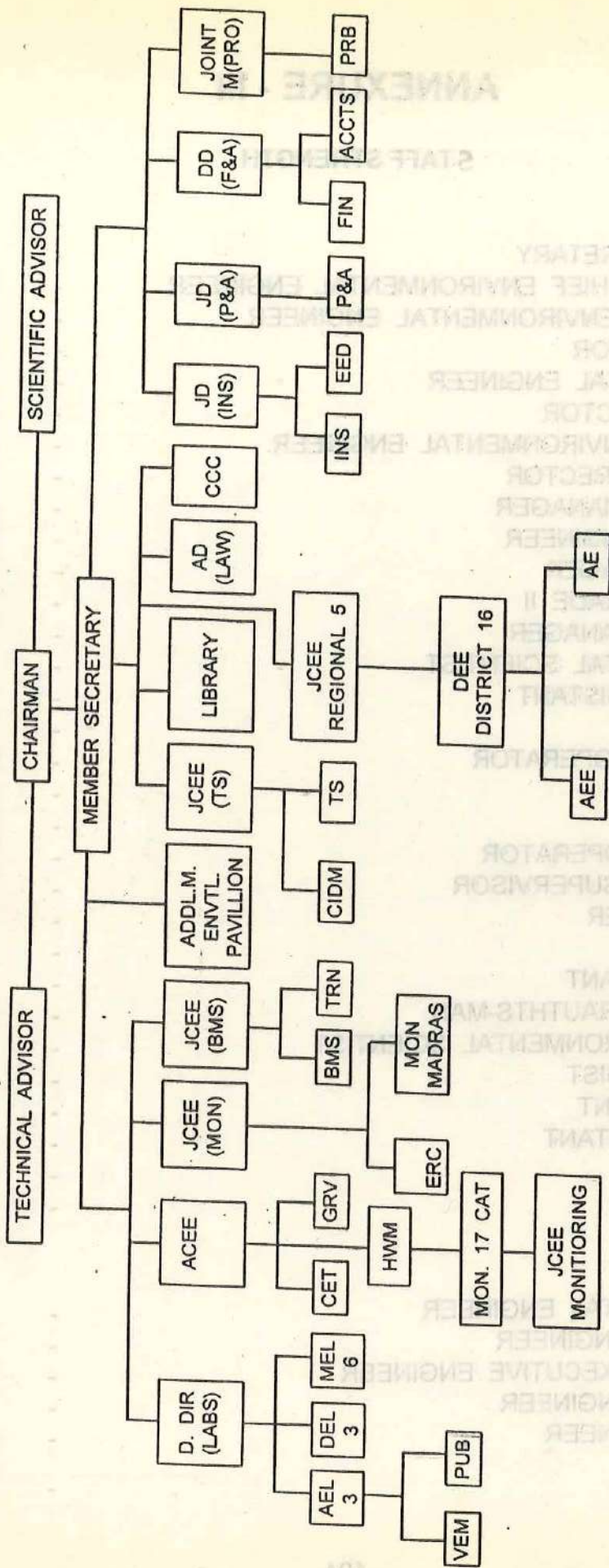
ANNEXURE - I

LIST OF BOARD MEMBERS

Sl. No. (1)	Name & Address (2)		Period (3)	
			From	To
1.1	Thiru. P.M. Bellappa I.A.S.,	Chairman	1.4.93	22.6.93
1.2	Thiru. P.V. Venkatakrishnan I.A.S.,	Chairman	23.6.93	17.8.93
1.3	Thiru. P. Natesan, I.A.S.,	Chairman (Incharge)	18.8.93	22.8.93
1.4	Thiru. R. Varadharajulu, I.A.S.,	Chairman	23.8.93	19.10.93
1.5	Thiru. C. Thangaraju, I.A.S.,	Chairman	20.10.93	31.3.94
2.	Tmt. S. Malathy, I.A.S., Special Secretary to Govt. Finance Department, Fort. St. George, Madras-9.	Member	1.4.93	31.3.94
3.	Thiru. Surjit K. Chaudhary, I.A.S., Dir. of Town & Country Planning, Madras-2.	Member	1.4.93	31.3.94
4.	Dr. A. Ramalingeswara Rao, Dir. of Public Health and Preventive Medicine, Madras-6.	Member	1.4.93	31.3.94
5.1	Thiru. K.R. Venkataraman, Additional Secretary to Govt., E & F Dept., Madras-9.	Member	1.4.93	12.4.93
5.2	Thirumathi Mary Victor Jt. Secretary to Govt., E & F Dept., Madras-9.	Member	12.4.93	2.8.93
5.3	Thiru. M. Soundara Pandian Dy. Secretary to Govt., E & F Dept., Madras-9.	Member	2.8.93	31.3.94

(1)	(2)	(3)		
6.1	Thiru. A. Shenbagam, Member Secretary, State Level Task Force Expert Committee, 616, III Floor, Anna Salai, Madras-6.	Member	1.4.93	4.10.93
6.2	Thiru.A.Rangaraju, Member Secretary, State Level Task Force Expert Committee, 616, Anna Salai, Madras-6.	Member	4.10.93	31.3.94
7.1	Thiru. V.K. Subburaj, I.A.S., Managing Director, TWAD Board, Chepauk, Madras-5.	Member	1.4.93	4.10.93
7.2	Thiru. P. Karpoora Sundara Pandian, I.A.S. Managing Director, TWAD Board, Madras-5.	Member	29.11.93	31.3.94
8.	Thiru. M. Thangavelu, General Manager, Planning & Development, SIPCOT, 19-A Marshall Road, Madras-8.	Member	1.4.93	31.3.94
9.	Thiru. P. Devarajan, B.A., B.L., Venbavoor, Perambalur Taluk, Trichy District.	Member	29.7.93	31.3.94
10.	Thiru. Thangaraj Pandian, M.P., Courtallam, Tenkasi Taluk, Tirunelveli Kattabomman Dist.	Member	29.7.93	31.3.94
11.	The President, Tamil Nadu Small Industries Association.	Member	29.7.93	31.3.94
12.	Thiru. G. Rengasamy,	Member Secretary	1.4.93	31.3.94

TAMIL NADU POLLUTION CONTROL BOARD - ORGANISATION CHART



ABBREVIATIONS USED

- D. DIR - DY. DIRECTOR
- ACEE - ADDL. CHIEF ENVIRONMENTAL ENGINEER
- JCEE(BMS) - JOINT CHIEF ENVIRONMENTAL ER - BOARD MEETING SECTION
- JCEE(TS) - JOINT CHIEF ENVIRONMENTAL ER - TECHNICAL SERVICES
- AD(LAW) - ASSISTANT DIRECTOR (LAW)
- JD(INS) - JOINT DIRECTOR (INSPECTION)
- DD(F&A) - DEPUTY DIRECTOR (FINANCE & ACCOUNTS)
- DD(P&A) - DEPUTY DIRECTOR (PERSONEL & ADMIN)
- AEL - ADVANCED ENVIRONMENTAL LABORATORY
- BMS - BOARD MEETING SECTION
- DEL - DISTRICT ENVIRONMENTAL LABORATORY
- MEL - MOBILE ENVIRONMENTAL LABORATORY
- ERC - EMERGENCY RESPONSE CENTRE
- GRV - GRIEVANCE CELL
- TS - TECHNICAL SERVICES
- CIDM - CENTRE FOR INFORMATION & DATA MGMT.
- PUB - PUBLICATION
- LIB - LIBRARY
- HWM - HAZARDOUS WASTES MANAGEMENT
- CCC - CONSENT CLEARANCE COMMITTEE
- VEM - VEHICLE EMISSION MONITORING
- TRN - TRAINING
- CET - COMMON EFFLUENT TREATMENT PLANT
- P&A - PERSONEL AND ADMINISTRATION
- PRB - PUBLIC RELATIONS BRANCH
- EED - ENVIRONMENTAL EDUCATION
- FIN - FINANCE
- ACCTS - ACCOUNTS
- JCEE - JOINT CHIEF ENVIRONMENTAL ENGINEER
- DEE - DISTRICT ENVIRONMENTAL ENGINEER
- AEE - ASSISTANT ENVIRONMENTAL ENGINEER
- AE - ASSISTANT ENGINEER

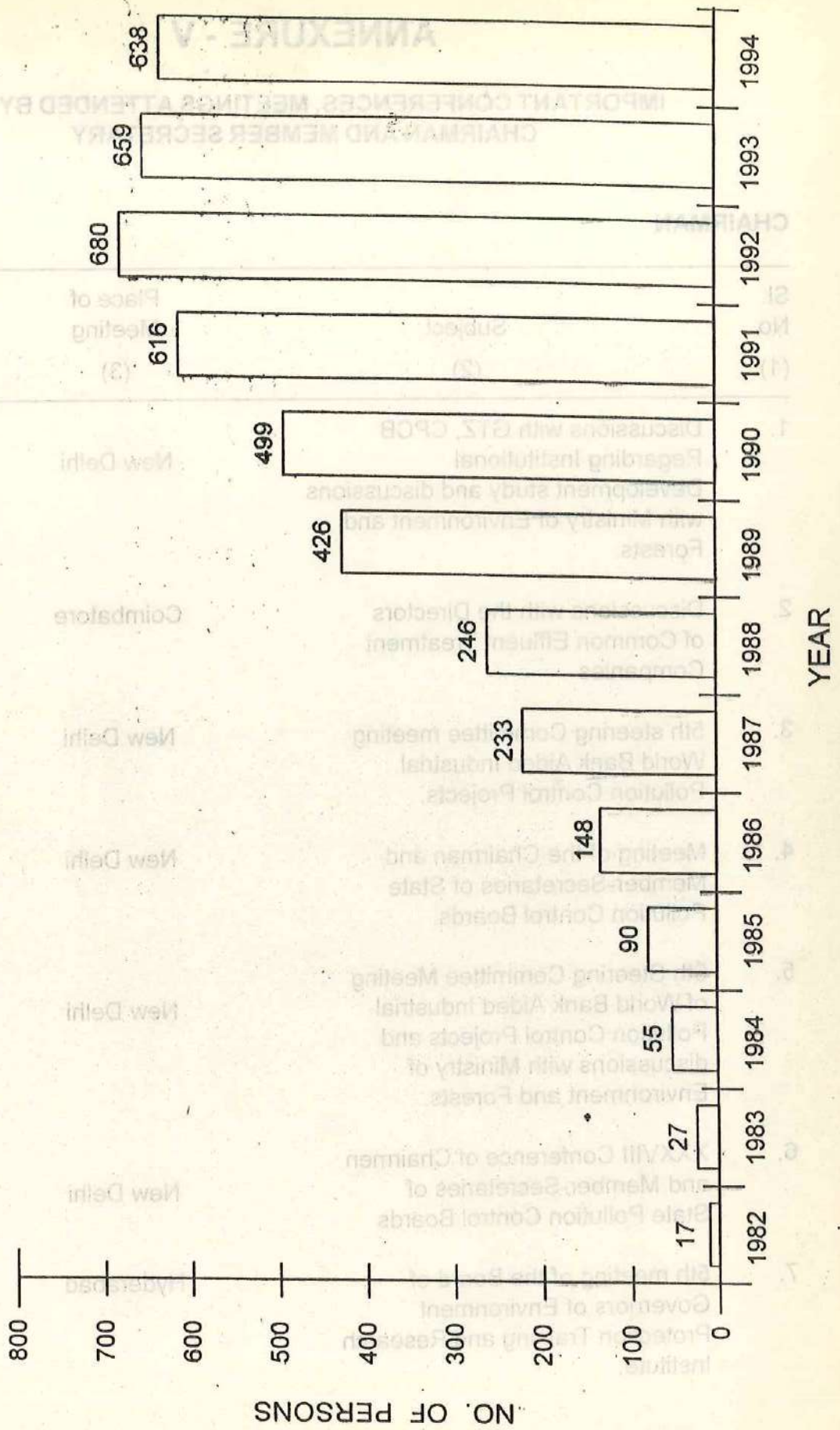
ANNEXURE - III

STAFF STRENGTH

1.	CHAIRMAN	1
2.	MEMBER SECRETARY	1
3.	ADDITIONAL CHIEF ENVIRONMENTAL ENGINEER	1
4.	JOINT CHIEF ENVIRONMENTAL ENGINEER	2
5.	JOINT DIRECTOR	1
6.	ENVIRONMENTAL ENGINEER	8
7.	DEPUTY DIRECTOR	2
8.	ASSISTANT ENVIRONMENTAL ENGINEER	31
9.	ASSISTANT DIRECTOR	3
10.	ADDITIONAL MANAGER	8
11.	ASSISTANT ENGINEER	97
12.	DEPUTY MANAGER	16
13.	LIBRARIAN GRADE II	1
14.	ASSISTANT MANAGER	18
15.	ENVIRONMENTAL SCIENTIST	47
16.	GENERAL ASSISTANT	42
17.	ASSISTANT	74
18.	DATA ENTRY OPERATOR	1
19.	TYPIST	58
20.	STENO-TYPIST	34
21.	TELEPHONE OPERATOR	2
22.	ELECTRICAL SUPERVISOR	1
23.	STORE KEEPER	1
24.	DRIVER	48
25.	FIELD ASSISTANT	40
26.	ASSISTANT DRAUGHTS-MAN	3
27.	JUNIOR ENVIRONMENTAL SCIENTIST	9
28.	METEOROLOGIST	2
29.	LAB ATTENDANT	7
30.	OFFICE ASSISTANT	71
31.	SWEEPER	1
32.	CLEANER	1
DEPUTATIONISTS		
33.	ENVIRONMENTAL ENGINEER	1
34.	EXECUTIVE ENGINEER	1
35.	ASSISTANT EXECUTIVE ENGINEER	1
36.	ASSISTANT ENGINEER	2
37.	JUNIOR ENGINEER	1
	TOTAL	638

TAMIL NADU POLLUTION CONTROL BOARD

ORGANISATION GROWTH UP TO 1994



ANNEXURE - V

IMPORTANT CONFERENCES, MEETINGS ATTENDED BY THE CHAIRMAN AND MEMBER SECRETARY

CHAIRMAN

Sl. No. (1)	Subject (2)	Place of Meeting (3)	Date (4)
1.	Discussions with GTZ, CPCB Regarding Institutional Development study and discussions with Ministry of Environment and Forests.	New Delhi	18.5.93 & 19.5.93
2.	Discussions with the Directors of Common Effluent Treatment Companies	Coimbatore	30.6.93
3.	5th steering Committee meeting World Bank Aided Industrial Pollution Control Projects.	New Delhi	7.7.93
4.	Meeting of the Chairman and Member-Secretaries of State Pollution Control Boards.	New Delhi	30.7.93
5.	6th Steering Committee Meeting of World Bank Aided Industrial Pollution Control Projects and discussions with Ministry of Environment and Forests.	New Delhi	27.10.93 & 28.10.93
6.	XXXVIII Conference of Chairmen and Member-Secretaries of State Pollution Control Boards	New Delhi	6.1.94 & 7.1.94
7.	5th meeting of the Board of Governors of Environment Protection Training and Research Institute.	Hyderabad	3.3.94

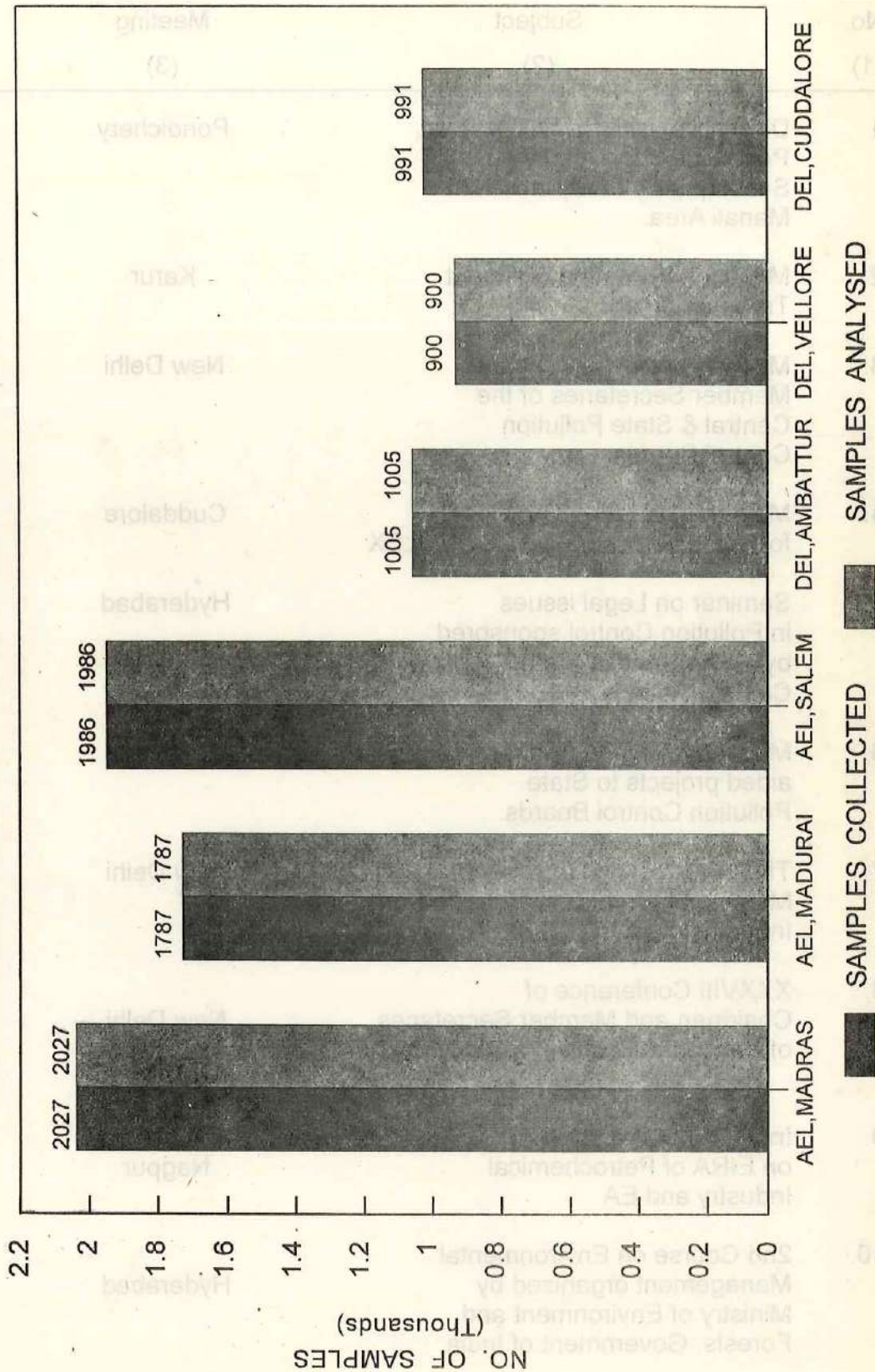
MEMBER SECRETARY

Sl. No.	Subject	Place of Meeting	Date
(1)	(2)	(3)	(4)
1.	Discussion with Dr. S.A. Abbasi, Pondicherry University on Sustainability Study in Manali Area.	Pondichery	22.4.93
2.	Meeting on Common Effluent Treatment Plant	Karur	3.7.93
3.	Meeting of the Chairmen & Member Secretaries of the Central & State Pollution Control Boards	New Delhi	30.7.93
4.	Meeting on Marine Outfall for industries in SIPCOT COMPLEX	Cuddalore	3.8.93
5.	Seminar on Legal issues in Pollution Control sponsored by Andrapradesh State Pollution Control Board.	Hyderabad	21.8.93
6.	Meeting on World Bank aided projects to State Pollution Control Boards.	New Delhi	28.9.93
7.	The 6th Steering Committee Meeting of World Bank Assisted Industrial Pollution Control Projects.	New Delhi	27.10.93
8.	XXXVIII Conference of Chairmen and Member Secretaries of State Pollution Control Boards.	New Delhi	6.1.94 & 7.1.94
9.	Indo-British Workshop on EIRA of Petrochemical Industry and EA	Nagpur	8.1.94 & 10.1.94
10.	2nd Course on Environmental Management organised by Ministry of Environment and Forests, Government of India.	Hyderabad	17.1.94 & 22.1.94

TAMIL NADU POLLUTION CONTROL BOARD

SAMPLES COLLECTED AND ANALYSED BY ADVANCED ENVIRONMENTAL LABORATORIES & DISTRICT ENVIRONMENTAL LABORATORIES - 1993-94

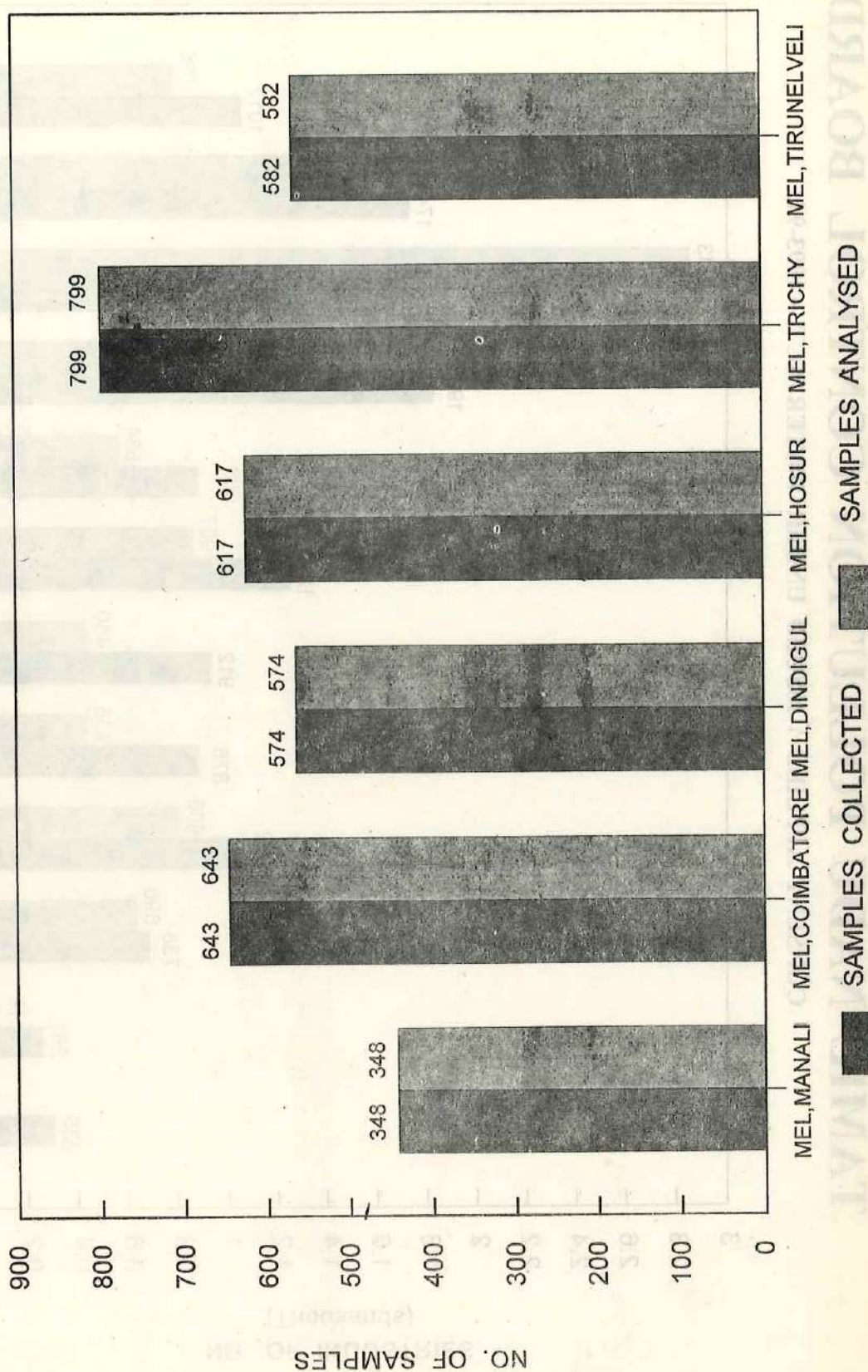
ANNEXURE - VI



TAMIL NADU POLLUTION CONTROL BOARD

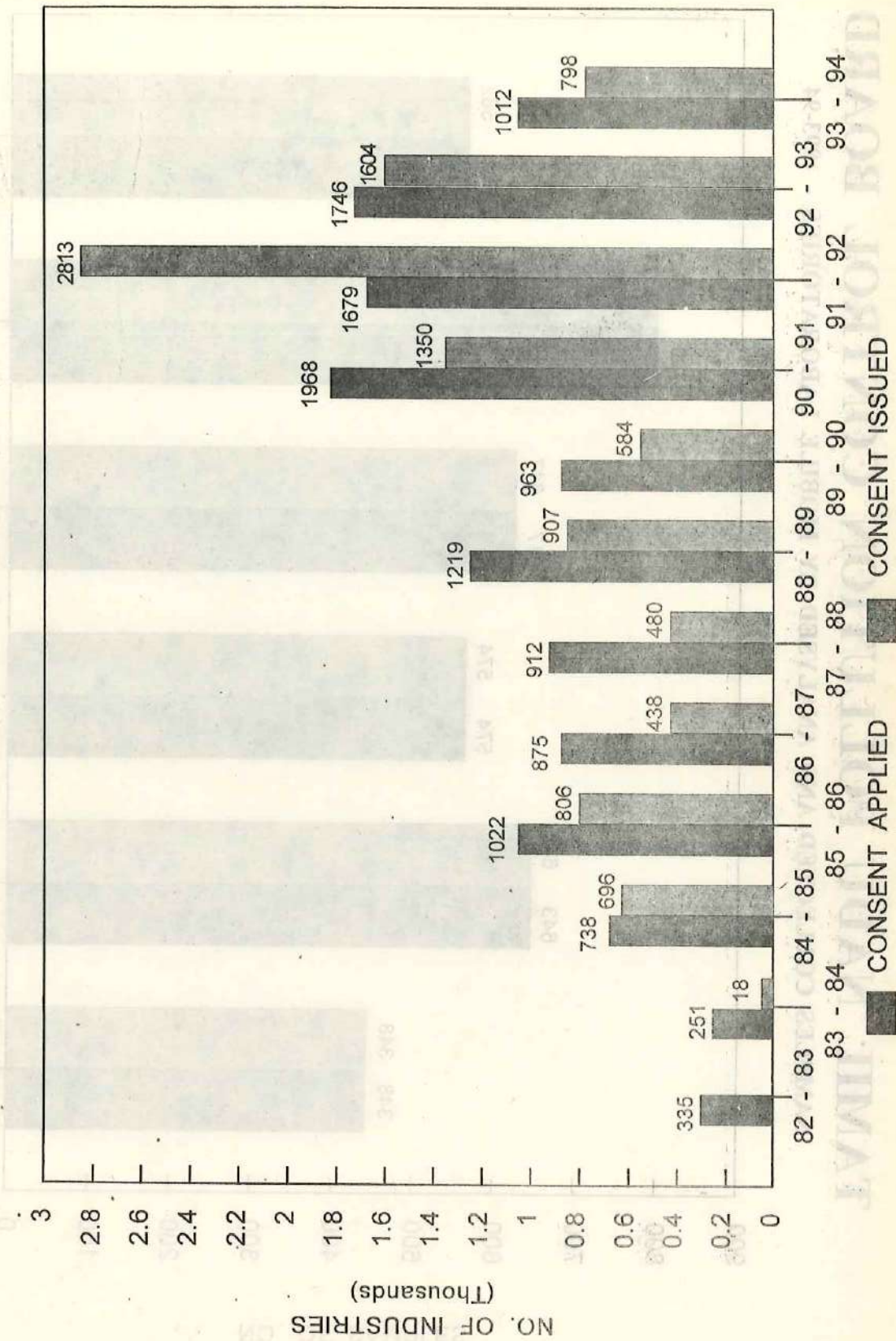
SAMPLES COLLECTED AND ANALYSED BY MOBILE LABORATORIES - 1993-94

ANNEXURE - VII



TAMIL NADU POLLUTION CONTROL BOARD

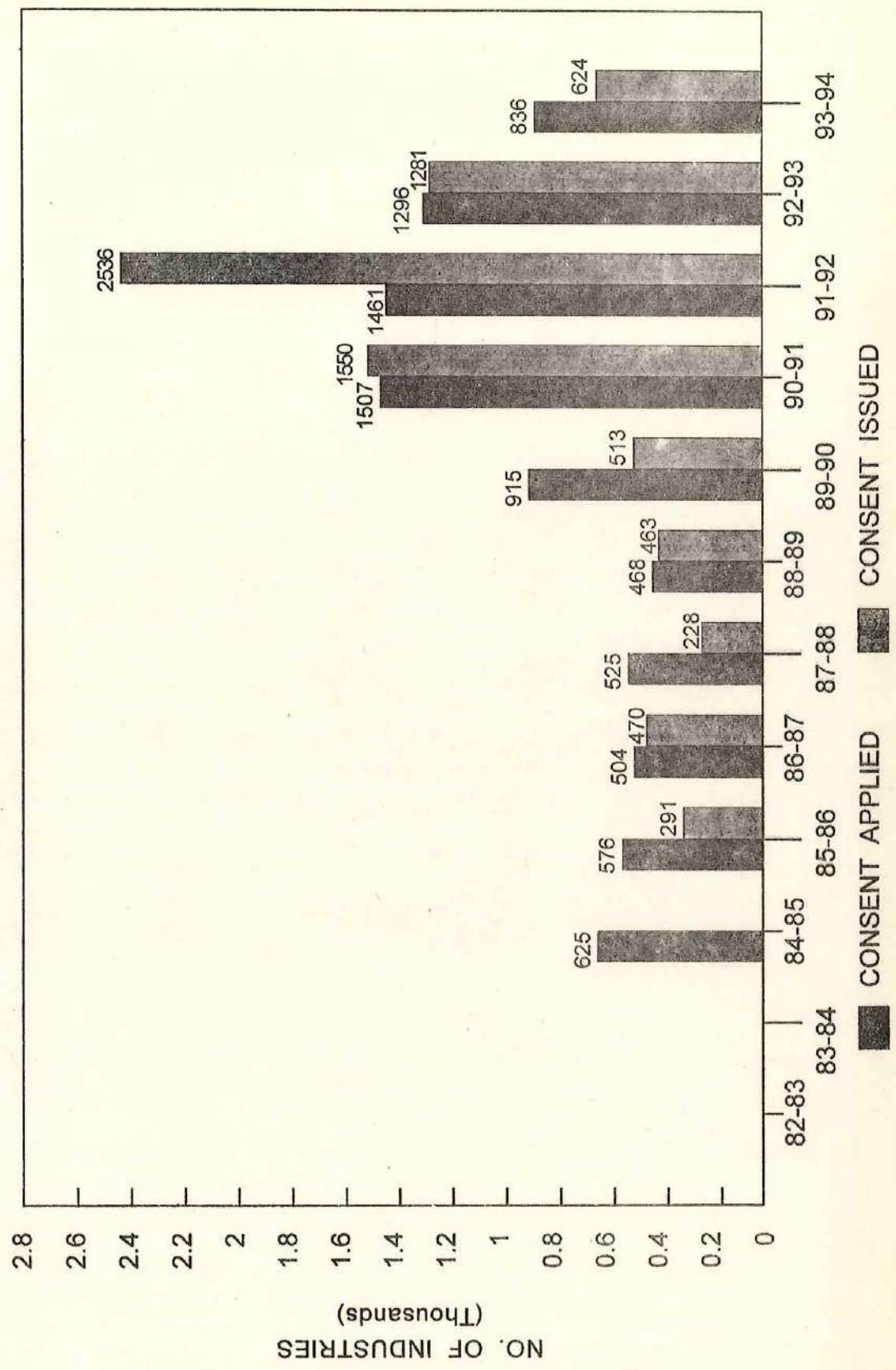
CONSENT APPLIED \ ISSUED UNDER WATER ACT - 1993-94

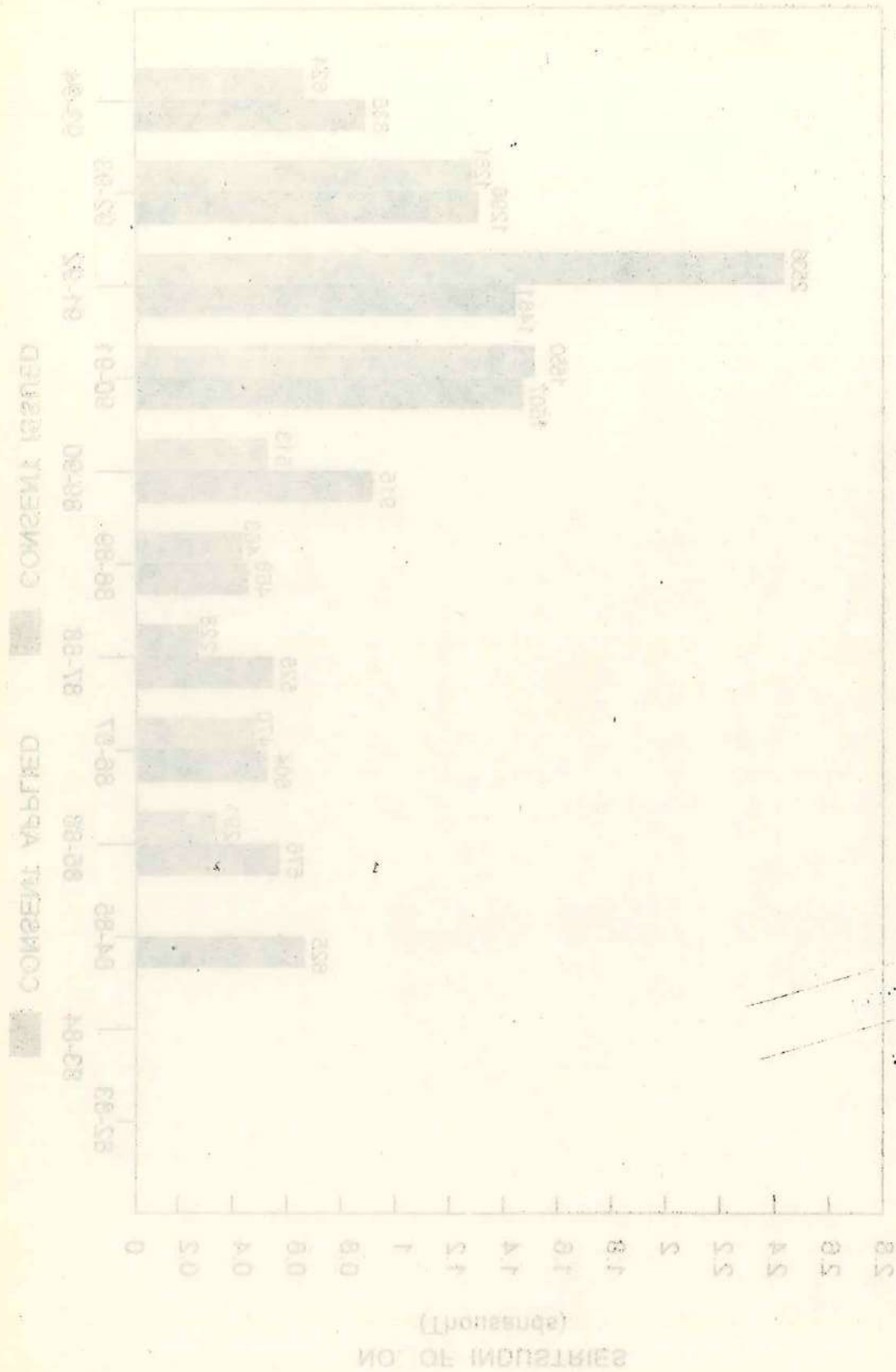


TAMIL NADU POLLUTION CONTROL BOARD

CONSENT APPLIED \ ISSUED UNDER AIR ACT - 1993-94

ANNEXURE - IX





REGISTERED INDUSTRIES / INDUSTRIES UNDER VCL - 1983-84

УНИВЕРСАЛЬНЫЙ КОЛЛЕКТИВНЫЙ БОНУС

111

1991

1991

**ANNUAL ACCOUNTS FOR THE YEAR
1993 - 94**

**TAMIL NADU POLLUTION CONTROL BOARD
Madras - 600 032.**

ANNUAL ACCOUNTS FOR THE YEAR

1993 - 94

TAMIL NADU POLLUTION CONTROL BOARD

Madras - 600 032.

Receipts and Payments Account for the year
See Rule 38 of the Tamil Nadu Water

PREVIOUS YEAR
RECEIPTS AND PAYMENTS ACCOUNT
116

PREVIOUS YEAR	RECEIPTS	SUBHEADS	TOTAL OF
	OPENING BALANCE		
24,18,271.99	BANK	21,82,741.87	
43,277.39	CASH	31,612.24	
15,38,213.10	Funds in Transit	30,09,963.25	
			25,34,289.46
	I. GRANTS RECEIVED		
22,87,000.00	a. From Government	10,00,000.00	
15,90,000.00	b. From other Agencies	20,78,380.00	
			30,78,380.00

INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 31ST MARCH 1994

PREVIOUS YEAR	RECEIPTS	SUBHEADS	TOTAL OF
	II. FEES		
00,00,000.00	a. C. Registration Fees	4,68,420.00	
5,80,328.00	b. Cost of Application	3,65,68,054.50	
3,99,80,885.50	c. Consent Fees	2,04,30,817.67	
1,45,72,899.19	d. Cost Collection		
			2,74,87,340.47
	III. INTEREST ON INVESTMENT		
85,91,592.00			85,91,592.00
	IV. MISCELLANEOUS RECEIPTS		
1,08,44,164.90	a. Others (Schedule A)	1,00,67,201.63	
1,03,41,793.00	b. Cost Reimbursement	11,30,118.00	
			1,12,07,319.63

BALANCE SHEET
AS AT 31ST MARCH 1994

124

8,80,79,886.88

C/O

8,80,79,886.88

TAMIL NADU POLLUTION CONTROL

Receipts and Payments Account for the year

See Rule 36 of the Tamil Nadu Water

PREVIOUS YEAR	RECEIPTS	TOTAL OF SUBHEADS	TOTAL OF MAJOR HEADS
Rs. P.		Rs. P.	Rs. P.
	OPENING BALANCE		
24,16,271.99	BANK	21,92,711.87	
43,277.39	CASH	31,612.24	
15,39,913.40	Funds in Transit	30,09,965.35	
		52,34,289.46	
	I. GRANTS RECEIVED		
22,97,000.00	a. From Government	10,00,000.00	
15,90,000.00	b. From other Agencies	20,75,380.00	
		30,75,380.00	
	II. FEES		
55,050.00	a. Consultant Registration Fees	2,048.00	
5,80,325.00	b. Cost of Application	4,66,420.00	
3,99,50,885.50	c. Consent Fees	3,65,68,054.50	
1,45,72,899.19	d. Cess Collection	2,04,30,817.97	
		5,74,67,340.47	
56.91,592.00	III. INTEREST ON INVESTMENT		82,05,259.30
	IV. MISCELLANEOUS RECEIPTS		
1,08,14,164.90	a. Others (Schedule-A)	1,09,67,201.63	
1,03,41,793.00	b. Cess Reimbursement	11,30,116.00	
		1,20,97,317.63	
8,98,93,172.37	C/O		8,60,79,586.86

BOARD, MADRAS - 32.

Ended 31st March 1994

(Prevention and Control of Pollution) Rules 1983.

PREVIOUS YEAR	PAYMENTS	TOTAL OF SUB HEADS		TOTAL OF MAJOR HEADS	
		Rs.	P.	Rs.	P.
	I. CAPITAL EXPENDITURE				
1,75,65,381.27	a. Assets-Land Advances and Building Development	2,47,21,880.40			
1,43,141.35	b. Laboratory Equipment	1,26,652.00			
14,362.00	c. Vehicles	----			
1,96,408.60	d. Furniture & Fixures	2,06,464.65			
40,092.50	e. Office Appliances	35,060.00			
----	f. Software Development	----			
----	g. Miscellaneous Stores	----			
17,019.00	h. Electrical Installations	----			
22,863.60	i. Library Books	62,024.00			
22,417.00	j. Hazardous Waste Management Schemes Equipment	----			
----	k. Hazardous Waste Management Site Scheme	10,570.00			
					2,51,62,651.05
	II. REVENUE EXPENDITURE				
	A. ADMINISTATIVE				
2,12,11,236.57	i. Salaries	2,16,91,066.26			
3,98,178.40	ii. Pension Contribution	63,115.85			
14,74,544.05	iii. Contingent Expenditure	25,48,830.00			
7,41,527.20	iv. Surrender Leave Salary	8,23,877.40			
4,79,520.00	v. Bonus	5,19,289.80			
12,31,613.78	vi. Medical Expenses	12,58,714.28			
					2,69,04,893.59
	B. BOARD LABORATORY				
10,03,427.10	i. Running Expenses of Lab				5,98,162.55
<u>4,45,61,732.42</u>	C/o.				<u>5,26,65,707.19</u>

TAMIL NADU POLLUTION CONTROL

Receipt and Payments Account for the year

See Rule 36 of the Tamil Nadu Water

PREVIOUS YEAR	RECEIPTS	TOTAL OF SUB HEADS	TOTAL OF MAJOR HEADS
Rs. P.		Rs. P.	Rs. P.
8,98,93,172.37	B/F.		8,60,79,586.86
	V. DEPOSITS & ADVANCES		
8,96,267.20	i. EMD Received	1,25,000.00	
19,560.00	ii. Security Deposit	7,766.50	
----	iii. F.B.F. Account	----	
4,23,811.70	iv. Advance to Staff (Schedule-B)	5,09,527.35	
15,41,60,183.00	v. Short Term Deposit	19,55,00,000.00	
1,87,62,884.50	vi. Refundable Performance Guarantee Deposit	1,88,10,520.00	
----	VI. LONG TERM DEPOSIT	----	
3,61,72,328.45	VII. OTHERS (SHEDULE-E-I)	1,90,39,413.70	
		23,39,92,227.55	
2,00,00,000.00	VIII. BANK TERM LOAN		
32,03,28,207.22	C/o		32,00,71,814.41

BOARD, MADRAS - 32.

Ended 31st March 1994

(Prevention and Control of Pollution) Rules 1983.

PREVIOUS YEAR		PAYMENTS	TOTAL OF SUB HEADS		TOTAL OF MAJOR HEADS	
Rs.	P.		Rs.	P.	Rs.	P.
4,45,61,732.42		B/F.				5,26,65,707.19
16,71,235.14		C. RUNNING AND MAINTENANCE OF VEHICLE				17,80,597.05
		D. MAINTENANCE AND REPAIRS				
		i. Building and Land (including Rent if any, repairs and Maintenance of Building Rent)	32,30,474.50			
27,91,411.60						
3,599.40		ii. Furniture & Fixtures	4,396.00			
1,17,152.35		iii. Scientific Instruments	1,05,476.80			
1,81,516.35		iv. Office Appliances	2,06,239.50			
6,817.90		v. Electrical Installation	868.10			
						35,47,454.90
67,400.00		E. FESS TO CONSULTANTS AND SPECIALISTS				----
6,263.00		F. LAS CHARGES				60,115.00
68,93,241.21		G. MISCELLANEOUS (SCHEDULE-C)				74,99,433.09
60,000.00		H. FEES FOR AUDIT				----
		III. MISCELLANEOUS				
1,21,66,065.47		a) Cess Remittance				2,07,70,061.00
7,62,132.75		IV. ADVANCE (SCHEDULE-D)				21,20,410.35
		V. DEPOSITS				
21,77,06,355.00		a) Short Term Deposit	18,93,68,000.00			
1,23,24,996.17		b) Others (Schedule-E)	1,33,14,645.11			
1,20,00,000.00		c) Long Term Deposit	----			
						20,26,82,645.11
31,13,19,918.76		C/o				29,11,26,423.69

Member Secretary

Financial Advisor

Date: 15-1-1995

TAMIL NADU POLLUTION CONTROL

Receipt and Payments Account for the year

See Rule 36 of the Tamil Nadu Water

PREVIOUS YEAR	RECEIPTS	TOTAL OF SUB HEADS	TOTAL OF MAJOR HEADS
Rs. P.	B/F.	Rs. P.	Rs.P.
32,03,28,207.22	B/F.	B/F.	32,00,71,814.41
D. RUNNING AND MAINTENANCE OF VEHICLE			
			18,71,232.14
D. MAINTENANCE AND REPAIRS			
			27,81,411.80
			3,509.40
			1,17,122.32
			1,81,518.32
			8,817.90
E. FEES TO CONSULTANTS AND SPECIALISTS			
			87,400.00
F. GAS CHARGES			
			8,203.00
G. MISCELLANEOUS (SCHEDULE-C)			
			88,93,241.21
H. FEES FOR AUDIT			
			69,000.00
III. MISCELLANEOUS			
			1,21,88,088.47
IV. ADVANCE (SCHEDULE-D)			
			7,82,132.72
V. DEPOSITS			
			21,77,06,358.00
			1,20,00,000.00
<u>32,03,28,207.22</u>	Total		<u>32,00,71,814.41</u>

Madras
Date : 18-1-1995

Sd. S. Kuppasamy
Financial Advisor

Sd. G. Rengasamy
Member Secretary

BOARD, MADRAS - 32.

Ended 31st March 1994

(Prevention and Control of Pollution) Rules 1983.

PREVIOUS YEAR		PAYMENTS	TOTAL OF SUB HEADS		TOTAL OF MAJOR HEADS	
Rs.	P.		Rs.	P.	Rs.	P.
31,13,19,918.76		B/F.				29,11,26,423.69
37,73,999.00		BANK TERM LOAN (INDIAN BANK)				2,00,00,000.00
		CLOSING BALANCE				
21,92,711.87		Cash at Bank	77,32,344.12			
31,612.24		Cash on Hand	16,845.85			
30,09,965.35		Funds in Transit	11,96,200.75			
					89,45,390.72	
32,03,28,207.22		Total			32,00,71,814.41	

As per our report of even dated
ESGEEAAR ASSOCIATES
 Chartered Accountants

(Sd.) C. Thangaraju
 Chairman

Sd. S.G. Ramachandran
 Partner

TAMIL NADU POLLUTION CONTROL

ANNUAL STATEMENT

Income and Expenditure Account for the year

See Rule 36 of the Tamil Nadu Water

PREVIOUS YEAR	EXPENDITURE	TOTAL OF SUB HEADS	TOTAL OF MAJOR HEADS
Rs. P.		Rs. P.	Rs.P.
	REVENUE EXPENDITURE		
	A. ADMINISTRATIVE		
504977.50	i. Pay of Officers	4,89,110.00	
1,09,04,269.34	ii. Pay of Establishment	1,12,37,832.29	
1,44,59,456.11	iii. Allowances and Honoraria (Sch. F)	1,70,71,859.86	
21,58,470.40	iv. Contribution to Gratuity & Pension Provision for Pension	23,71,303.85	
7,65,528.20	v. Surrender Leave Salary	8,49,939.40	
			3,20,20,045.40
7,21,144.82	B. RUNNING EXPENSES OF LABORATORIES		8,60,048.80
17,64,671.19	C. RUNNING AND MAINTENANCE OF VEHICLES (Sch.G)		19,76,033.89
3,599.40	D. MAINTENANCE AND REPAIRS		
	i. Furniture & Fixtures	4,396.00	
3,04,074.95	ii. Scientific Instrument & Office Appliances	3,21,436.35	
6977.90	iii. Electrical Installation	67,168.10	
----	iv. R.M. of Building	328.00	
			3,93,328.45
27,400.00	E. FEES TO CONSULTANTS AND SPECIALISTS		----
6,263.00	F. LAW CHARGES		60,115.00
29,86,120.00	G. DEPRECIATION (FORM XV)		34,50,791.62
77,76,160.49	H. MISCELLANEOUS (Sch.H)		78,64,269.83
15,000.00	I. FEES FOR AUDIT		15,000.00
3,24,43,852.50	J. EXCESS OF INCOME YEAR EXPENDITURE		3,71,71,533.32
----	K. Note to B/S (Sch.T)		----
74847965.80	Total		8,38,11,166.31

Madras
Date : 18-1-1995

Sd. S. Kuppusamy
Financial Advisor

Sd. G. Rengasamy
Member Secretary

BOARD, MADRAS - 32.**OF ACCOUNT****Ended 31st March 1994**

(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						
22,97,000.00		a. From Government	10,00,000.00			
		b. From other Agencies				
15,90,000.00		Central Government	20,75,380.00			
<u>38,87,000.00</u>		Total	<u>30,75,380.00</u>			
		LESS : Amount received				
20,50,000.00		for Capital Expenditure	10,00,000.00			
<u>18,37,000.00</u>		Net Grant available for				
		Revenue Expenditure				20,75,380.00
4,66,72,403.00		II. FEES (Sch. I)				4,96,92,364.00
		III. SERVICES & RENTAL CHARGES				
		(Lab Analysis Charges				
85,41,901.95		Sch. J)				1,07,10,833.50
		IV. MISCELLANEOUS RECEIPTS				
1,31,200.95		i. Others (Sch. K)	3,47,665.93			
10341793.00		ii. Cess Reimbursement	11,30,116.00			
		iii. Consultant &				
54,050.00		Registration Fees	2,000.00			
						14,79,781.93
72,69,617.00		V. INTEREST ON INVESTMENT				1,98,52,806.88
<u>7,48,47,965.80</u>		Total				<u>8,38,11,166.31</u>

As per our report of even dated
ESGEEAAR ASSOCIATES
Chartered Accountants

(Sd.) C. Thangaraju
Chairman

Sd. S.G. Ramachandran
Partner

TAMIL NADU POLLUTION CONTROL

ANNUAL STATEMENT

Balance Sheet as

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		
	i. Grants received from Govern- ment for Capital Expen- diture as on 01-04-93	2,98,57,547.18	
2,78,07,547.18	ii. Grants received from Government for Capital Expenditure during the current year and utilised upto 31-03-94	10,00,000.00	
20,50,000.00	iii. Grants received towards specific schemes	-----	
-----		-----	3,08,57,547.18
2,98,57,547.18	b. EXCESS OF INCOME OVER EXPENDITURE		
	i. As at 01-04-93	6,65,91,733.83	
3,93,36,131.08	ii. LESS : Prior Period Adjustment (Sch. L)	17,94,282.70	
16,62,171.00		6,47,97,431.13	
3,76,93,960.08	iii. ADD : Surplus during the year	3,71,71,533.32	
3,24,43,852.50		10,19,68,984.45	
7,01,37,812.58	iv. Amt. transfd. to Depreciation Fund	34,50,791.62	
(-) 35,46,078.75		-----	9,85,18,192.83
66,59,173.83	c. DEPRECIATION FUND		2,56,48,969.82
2,21,98,178.20	B. OTHER DEPOSITS		
	i. Deposits for Supply & Works (Sch. M)	25,55,830.50	
19,89,976.15	ii. Refundable Performance Guarantee Deposits	4,52,14,857.05	
2,97,70,832.05		4,77,70,687.55	
	C. AMOUNTS DUE		
	i. Cess Payable	15,02,15,568.54	
12,38,39,948.52	ii. Others (Sch. N)	1,02,92,964.83	
70,61,367.11		-----	16,05,08,533.37

BOARD, MADRAS - 32. UOAW JIMAT

OF ACCOUNT JAUHNA

at 31st March 1994

(Prevention and Control of Pollution) Rules 1983.

TOTAL OF PREVIOUS YEAR		TOTAL OF ASSETS		TOTAL OF SUB HEADS		TOTAL OF MAJOR HEADS	
Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.
I. FIXED ASSETS							
2,57,805.80		a. Land Development		7,79,896.30			
		b. Building under Construction					
2,17,29,208.89		i. Guindy		5,04,83,911.92			
1,92,170.00		ii. Ambattor		5,18,280.35			
						5,17,82,088.57	
<u>2,21,79,184.67</u>							
II. OTHER ASSETS							
1,08,11,002.44		a. As per Form XV		1,14,60,095.00			
		b. Stock in hand					
11,13,111.13		i. Lab. Chemicals		9,60,372.15			
12,61,515.98		ii. Glasswares		14,47,676.79			
2,09,448.56		iii. Misc. Stores		2,76,507.89			
10,66,698.02		iv. Filter Paper		7,33,230.06			
1,973.00		v. Legal Books		---			
						1,48,77,881.89	
83,71,134.71		III. SCHEMES (Sch. P)					83,81,704.71
1,18,500.00		IV. SOFTWARE DEVELOPMENT					1,18,500.00
		V. SUNDRY DEBTORS					
		Cess Receivable					
6,50,69,061.95		a. From Industries		8,23,77,281.75			
5,61,62,713.67		b. From Local Bodies		6,55,99,925.99			
						14,79,77,207.74	
12,12,31,775.62		LESS : Provision for Doubtful Debts					
(-)3,35,899.71				4,17,691.88			
<u>12,08,95,875.91</u>						<u>14,75,59,515.86</u>	

TAMIL NADU POLLUTION CONTROL ANNUAL STATEMENT

Balance Sheet as

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.
2,00,00,000.00	D. BANK TERM LOAN FOR BUILDING		-----
	E. INCOME RECEIVED IN ADVANCE		
1,29,36,510.60	(Sch. O)		13,38,64,34.35
	F. SUBSIDIES FOR COMMON EFFLUENT TREATMENT PLANTS		2,95,14,000.00
<u>31,42,46,093.64</u>	TOTAL		<u>40,62,04,365.10</u>

Madras
Date : 18-1-1995

Sd. S. Kuppusamy
Financial Advisor

Sd. G. Rengasamy
Member Secretary

BOARD, MADRAS - 32.

OF ACCOUNT

at 31st March 1994

(Prevention and Control of Pollution) Rules 1983.

PREVIOUS YEAR		ASSETS	TOTAL OF SUB HEADS		TOTAL OF MAJOR HEADS	
Rs.	P.		Rs.	P.	Rs.	P.
VI. ADVANCES AND DEPOSITS						
2,09,55,458.68		a. Misc. Advances (Sch.Q)	2,12,76,633.06			
		b. Other amounts				
33,66,056.92		recoverable (Sch.R)	26,25,491.57			
14,04,635.40		c. Deposits (Sch. S)	13,82,635.40			
						2,52,84,760.03
VII. ENVIRONMENTAL IMPACT STUDY						
7,52,254.32						1,79,254.32
VIII. CASH						
		a. Deposits				
		i. Term Deposits				
		with Banks	13,90,06,269.00			
11,65,04,952.42		ii. with T.T.D.F.C.	1,00,69,000.00			
		b. Cash at Bank	77,32,344.12			
21,92,711.87		c. Cash in hand	16,845.85			
31,612.24		d. Cash in transit	11,96,200.75			
30,09,965.35						15,80,20,659.72
<u>31,42,46,093.64</u>		TOTAL				<u>40,62,04,365.10</u>

As per our report of even dated
ESGEEAAR ASSOCIATES
 Chartered Accountants

(Sd.) C. Thangaraju
 Chairman

Sd. S.G. Ramachandran
 Partner

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32

ANNUAL STATEMENT OF ACCOUNTS FIXED ASSETS AS ON 31st MARCH 1994

(Item-2 of Assets of Balance Sheet other assets as on 31st March 1994)
(See Rule 36 of Tamil Nadu Water (P & CP) rules 1983 - Item - 3 Assets of the Balance Sheet)

Sl. No.	Particulars of Assets	Opening balance on 31.03.93	Additions during the year and Sales and Adjustment	Total	Depreciation	Closing Balance as on 31.03.94	Cumulative Depreciation as on 31.3.94
1.	Library Books (10%)	5,15,599.78	67,113.85	5,82,713.63	58,271.63	5,24,442.00	3,52,771.83
2.	Vehicles (33.33%)	13,14,139.51	2,24,957.48 (a) 11,073.70	15,28,023.29	5,09,341.29	10,18,682.00	57,47,812.21
3.	Furniture & Fixtures (10%)	32,77,637.29	2,08,174.65	34,85,811.94	3,48,581.94	31,37,230.00	24,71,844.83
4.	Office Appliances (10%)	20,68,771.08	36,399.65	2,05,170.73	2,10,517.73	18,94,653.00	13,13,446.99
5.	Lab Equipment (33.33%)	32,04,075.87	35,74,312.25	67,78,388.12	22,59,462.12	45,18,926.00	1,50,15,025.95
6.	Electrical Installation (15%)	4,30,778.91	—	4,30,778.91	64,616.91	3,66,162.00	7,48,068.01
TOTAL		1,08,11,002.44	40,99,884.18	1,49,10,886.62	34,50,791.62	1,14,60,095.00	2,56,48,969.82

Place : Madras
Date : 18-1-1995

Sd. S. Kuppusamy
Financial Adviser

Sd. G. Rengasamy
Member-Secretary

Sd. C. Thangaraju
Chairman

As per our report of even
dated for ESSEEAAAR Associates

Sd. S.G. Ramachandran
Chartered Accountant.
Partner

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

SCHEDULE OF RECEIPTS AND PAYMENTS ACCOUNT

SCHEDULE - A

Miscellaneous Receipts

	Rs.	P.
1. Analysis Charges (Fees)	56,86,718.50	
2. Cess Appeal Fee	2,400.00	
3. Interest Income	2,881.30	
4. Miscellaneous Receipts	26,213.93	
5. MINAR		
6. GEM		
7. VEM Test Fees	6,67,985.00	
8. Enlistment Fees	2,000.00	
9. A.A.Q.S.	41,34,740.00	
10. Sale of Vehicle	2,33,373.00	
11. Sale of Legal Books	17,505.00	
12. Advertisement & Publicity	1,63,444.00	
13. Training and Seminar	24,650.00	
14. Prior Period Adjustment	5,290.90	
TOTAL	1,09,67,201.63	

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

SCHEDULE OF RECEIPTS AND PAYMENTS ACCOUNT

SCHEDULE - B

Advance to Staff (Receipts)

	Rs.	P.
1. House Building Advance	30,822.00	
2. Pay Advance		
3. Temporary Advance	1,97,185.90	
4. L.T.C. Advance	17,900.00	
5. Other Advance	1,60,578.25	
6. Vehicle Advance	3,254.00	
7. T.T.A.	93.00	
8. Imprest to Staff	143.50	
9. Tour Advance	97,938.70	
10. Festival Advance	375.00	
11. Marriage Advance	650.00	
12. Cycle Advance	587.00	
TOTAL	5,09,527.35	

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

SCHEDULE OF RECEIPTS AND PAYMENTS ACCOUNTS

SCHEDULE - C

Miscellaneous

Rs. P.

1. Advertisement and Publicity	2,41,725.00
2. Bank Charges (Interest on Indian Bank Term Loan)	12,40,977.00
3. Postage/Telegram	2,56,985.15
4. Electricity/Water Charges	5,10,224.75
5. Printing and Stationery	7,87,935.15
6. Telephone and Telex	8,21,324.60
7. Staff Welfare Expenses	85,333.85
8. Pollution Awareness Expenses	92,808.55
9. Training and Seminar	1,77,764.40
10. Entertainment	40,829.45
11. Miscellaneous Expenses	43,376.30
12. Newspaper and Periodicals	1,13,691.05
13. Conveyance	1,13,688.29
14. Wages	7,58,636.00
15. Office Expenses	41,116.15
16. Expenses through petty cash	1,09,142.15
17. Prior period adjustment account	12,48,464.00
18. Travelling Expenses	6,52,487.75
19. Insurance of Assets	5,245.00
20. Trade Fair	36,260.35
21. Land Maintenance Expenses	5,848.00
22. Coastal Monitoring Expenses	2,819.40
23. NAAQM Expenses	15,299.15
24. Payment of outstanding liabilities	88,765.45
25. Flag Day Collection Paid	3,424.00
26. Bank Interest and Commission	5,262.15
TOTAL	74,99,433.09

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

SCHEDULE OF RECEIPTS AND PAYMENTS ACCOUNT

SCHEDULE - D

Advance to Staff (Payment)

	Rs.	P.
1. Festival Advance	2,80,900.00	
2. Education Advance	5,02,800.00	
3. T.T.A.	13,888.00	
4. Vehicle Advance	944.00	
5. Driver Training Advance	16,375.00	
6. Cycle Advance	34,641.00	
7. Handloom Advance	9,241.00	
8. Marriage Advance	1,11,594.00	
9. Pay Advance	7,360.00	
10. Tour Advance	3,54,032.70	
11. Temporary Advance	5,24,663.45	
12. L.T.C. Advance	61,019.00	
13. Others	1,94,566.00	
14. Imprest to Staff	8,386.20	
TOTAL	21,20,410.35	

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

SCHEDULE OF RECEIPTS AND PAYMENTS ACCOUNT

SCHEDULE - E

Deposits and Advances (Paid) (Others)

	Rs.	P.
1. Telephone and Telex Deposits	1,50,000.00	
2. Advance to Suppliers	12,62,908.93	
3. R.P.G.D.	22,44,975.00	
4. Earnest Money Deposit	2,31,000.00	
5. Security Deposit	2,89,469.60	
6. Family Benefit Fund	1,95,000.00	
7. Environmental Education Fund	7,15,386.68	
8. Environmental Impact Study	9,70,000.00	
9. Rent Advance	54,927.40	
10. Sundry Debtors	1,000.00	
11. Enlistment Deposit	15,000.00	
12. Retention Money Deposit	2,75,080.50	
13. C.E.T.P. Expenses Receivable - Ayyambet	520.00	
14. C.E.T.P. Expenses Receivable - Ranipet	520.00	
15. C.E.T.P. Expenses Receivable - Pammal	69,08,707.00	
16. Pre Paid Expenses	150.00	
TOTAL	1,33,14,645.11	

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

SCHEDULE OF RECEIPTS AND PAYMENTS ACCOUNT

SCHEDULE - E (I)

Advances and Deposits (Others) (Received)

	Rs.	P.
1. Advance to Suppliers	7,90,172.00	
2. Environment Education fund	29,22,015.50	
3. Telephone/Telex Deposit	1,72,895.00	
4. Enlistment Deposit	20,000.00	
5. Consent Fees received in advance	1,23,55,096.50	
6. Cess received in advance	6,95,392.85	
7. Analysis fees received in advance	1,15,715.00	
8. Environmental Impact Study	15,68,000.00	
9. A.A.Q.S. received in advance	2,20,230.00	
10. Flag Day	9,086.85	
11. Family Benefit Fund	62,594.00	
12. C.E.T.P. Receipts	1,08,216.00	
TOTAL	1,90,39,413.70	

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32

**Schedules forming part of Income and Expenditure Account
for the year ended 31st March 1994**

EXPENDITURE

SCHEDULE - F

Allowances and Honororia

	Rs.	P.
i. Allowances	1,32,08,673.68	
ii. Wages	8,15,912.00	
iii. Travelling Expenses	10,00,132.20	
iv. Medical Reimbursement	12,57,034.78	
v. Honorarium	7,850.00	
vi. Bonus	5,23,778.00	
vii. LTC Expenses	1,09,235.00	
viii. EPF for deputationist	1,972.00	
ix. Interim Relief	45,800.00	
x. Turn Duty	47,165.00	
xi. Over Time	54,307.20	
TOTAL	1,70,71,859.86	

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

SCHEDULE - G

Running and Maintenance of Vehicles

	Rs.	P.
i. Repairs	7,19,349.43	
ii. Fuel	10,72,494.96	
iii. Hire Charges	88,284.50	
iv. Insurance	95,905.00	
TOTAL	19,76,033.89	

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

SCHEDULE - H

MISCELLANEOUS

	Rs. P.
i. Office Expenses	44,584.65
ii. Telephone & Telex	8,22,642.10
iii. Sundries	74,544.44
iv. Entertainment Expenses	72,449.35
v. Printing and Stationery	8,57,266.80
vi. Electricity & Water Charges	5,64,677.25
vii. Postage & Telegram	2,47,342.80
viii. Advertisement & Publicity	74,124.00
ix. Rent on Buildings	30,70,829.10
x. Periodicals and Publications	1,17,241.35
xi. Pollution Awareness Expenses	1,15,359.55
xii. Coastal Project Expenses	2,819.40
xiii. Family Benefit Fund Contribution	46,061.00
xiv. Conveyance Expenses	1,36,001.64
xv. Staff Welfare Expenses	94,579.30
xvi. Insurance of Assets	51,927.00
xvii. Training and Seminar Expenses	15,314.40
xviii. Bank Interest	12,46,571.20
xix. Land Maintenance Expenses	5,848.00
xx. Trade Fair Expenses	50,987.35
xxi. Emergency Response Centre Expenses	-----
xxii. NAAQM Expenses	15,299.15
TOTAL	78,64,269.83

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

INCOME
SCHEDULE - I

	Rs. P.
FEEES	
i. Consent Fees	4,92,25,944.00
ii. Consent Forms	4,66,420.00
TOTAL	<u>4,96,92,364.00</u>

SCHEDULE - J

Services and Rental Charges

	Rs. P.
i. Analysis Charges	58,13,617.50
ii. MINAR	-----
iii. GEMS	-----
iv. AAQS	42,29,231.00
v. VEM Test Fees	6,67,985.00
TOTAL	<u>1,07,10,833.50</u>

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

SCHEDULE - K

Miscellaneous

	Rs.	P.
i. Cess Appeal Fees	2,400.00	
ii. Miscellaneous Income	85,916.63	
iii. Bank Interest	-----	
iv. Nehru Birthday Celebration	1,748.00	
v. Enlistment Fees	2,000.00	
vi. Sale of Legal Books	15,530.00	
vii. Profit on Sale of Assets (Vehicle)	2,40,071.30	
TOTAL	3,47,665.93	

LESS: OUTDATED CHECKS OF EARLIER YEARS REVERSED

1. Telephone	1053.00
2. Registration Fees	500.00
3. Fuel	2,432.80
4. Rent	178.00
5. Others	1,718.48
TOTAL	5,882.28

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

**Schedule forming part of the Balance sheet
as at 31st March 1994**

LIABILITIES

SCHEDULE - L

PRIOR PERIOD EXPENSES

	Rs.	P.
i. Salaries	6,764.55	
ii. Pollution Awareness Expenses	15,892.00	
iii. Audit Fees	17,500.00	
iv. Gratuity	64,080.00	
v. Parliamentary Committee Expenses	21,433.00	
vi. Interest on I B Term Loan	12,29,560.00	
vii. Rent	4,43,152.50	
viii. Wages	1,750.00	
TOTAL	18,00,132.05	

**LESS : OUTDATED CHEQUES OF
EARLIER YEARS REVERSED :**

1. Telephones	1023.00	
2. Registration Fees	500.00	
3. Fuel	2,432.90	
4. Rent	175.00	
5. Others	1,718.45	
	<u>5,849.35</u>	
TOTAL	17,94,282.70	

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 132

LIABILITIES

OTHER DEPOSITS

SCHEDULE - M

	Rs.
i. E.M.D.	3,79,029.20
ii. Misc. Deposits	1,010.00
iii. Security Deposits	5,76,198.15
iv. Enlistment Deposits	3,25,000.00
v. Retention Money Deposits	12,74,593.15
TOTAL	25,55,830.50
	TOTAL

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

SUNDRY CREDITORS

SCHEDULE - N

SCHEDULE - M

	Rs.	P.
i. Flag Day Collection	8,321.00	
ii. P.R.L.	4,07,763.45	
iii. Pension Payable	63,87,305.00	
iv. Outstanding Liability	9,78,870.95	
v. Salary Payabl	3,29,212.55	
vi. Environmental Education Fund	18,86,874.74	
vii. Unadjusted Advance	75,258.89	
viii. Staff Death Claim Payable	1,67,572.00	
ix. House Building Advance	46,852.30	
x. P.R.L. (Units)	4,683.95	
xi. T.D.S. (Officers)	250.00	
TOTAL	<u>1,02,92,964.83</u>	

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32

INCOME RECEIVED IN ADVANCE

SCHEDULE - O

	Rs. P.
i. Consent Fees	1,23,55,096.50
ii. Cess Fees	6,95,392.85
iii. Analysis Fees	1,15,715.00
iv. AAQS	2,20,230.00
TOTAL	<u>1,33,86,434.35</u>

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

ASSETS

SCHEMES

SCHEDULE - P

	Rs.	P.
i. Establishment of Regional lab at Vellore	58,000.00	
ii. Technical Staff Support for Audit Equipment	3,25,850.00	
iii. Technical Staff Support for Environmental Audit (Revenue)	5,02,760.00	
iv. Management Hazardous Substance	4,22,689.50	
v. Central Scheme (Strengthening of Board Lab.)	2,41,961.60	
vi. Centre State Co-ordinated Programme on Environment	31,29,191.25	
vii. Environmental Policy & Law Programme on Environment	36,90,682.36	
viii. Hazardous Waste Disposal Site Scheme	10,570.00	
TOTAL	83,81,704.71	

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

**Schedules forming part of Balance sheet
as at 31st March 1994**

ASSETS

MISCELLANEOUS ADVANCES

SCHEDULE - Q

	Rs.	P.
i. Advance to Suppliers	46,69,921.38	
ii. Rent Advance	6,11,639.15	
iii. Insurance Claim Receivable	43,243.00	
iv. Land Advance	18,81,395.00	
v. Amount receivable from DEE/JCEE	42,000.00	
vi. Analysis Fees Due	4,26,339.75	
vii. Advance for Construction in Progress (Ambattur)	1,33,292.00	
viii. CETP Expenses Receivable	3,45,795.25	
ix. Sundry Debtor (Consent Fee)	47,392.50	
x. Prepaid Expenditure	24,945.00	
xi. Other Assests (Imprest)	2,810.00	
xii. Staff Welfare Fund	14,695.00	
xiii. Advance for Construction in Progress (Guindy)	30,71,200.03	
xiv. Interest Receivable	98,58,248.00	
xv. Funds to GPF Accounts	1,00,000.00	
xvi. T.D.S. (Construction)	3,717.00	
TOTAL	2,12,76,633.06	

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS 600 015

ADVANCES TO STAFF

SCHEDULE - R

AS AT 31st MARCH 1984

MISCELLANEOUS ADVANCES

Rs. P.

i. Tour Advance	2,43,266.15
ii. Temp Advance	2,32,420.26
iii. Marriage Advance	1,22,781.00
iv. Festival Advance	2,37,600.00
v. Handloom Advance	9,485.00
vi. Driver Training Advance	47,892.00
vii. Pay Advance	4,170.00
viii. Cycle Advance	33,761.00
ix. Motor Vehicle Advance	16,06,421.16
x. House Building Advance	37,418.00
xi. LTC Advance	4,687.00
xii. Miscellaneous Advance	19,278.00
xiii. Educational Advance	550.00
xiv. Transfer Travelling Advance	13,100.00
xv. Staff housing Scheme	12,662.00
TOTAL	26,25,491.57

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32 AT

DEPOSITS

SCHEDULE - SA - Notes forming part of SA - 32 dated 1st March 1984

	Rs.	P.
i. Telephone & Telex	9,29,562.00	
ii. T.N.E.B.	1,52,500.00	
iii. Miscellaneous Deposits	3,00,573.40	
TOTAL	13,82,635.40	
iv. Furniture & Fixtures		
v. Office Appliances		
vi. Lab Equipments		
vii. Electrical Installation		

a) Stock of Chemicals, Glassware and Consumables are valued at cost.

b) Grants and Cess reimbursements are accounted on receipt basis and all other income are accounted on accrual basis based on the demands raised by the Board.

c) Payment of Gratuity to the employees is covered under LIC's Group Gratuity Scheme. Pension to employees is being provided on annual accrual basis.

8. Cess Receivable Rs. 14,78,77,207.74

This includes amounts due from

- i. Mrs. Tulicottai Tharmel Power Station, Tuticottin and Mrs. Besanayya Nagar & Boards Ltd., Palappayam, Salem District amounting to Rs. 8,99,21,181.45 and Rs. 38,47,584. respectively as on 31st March 1984. The above parties have filed writ petition in the High Court of Madras against the Water Cess Assessment Order passed by the Board. The case is still pending with the High Court for disposal.
- ii. Amounts due from Local Bodies Rs. 6,55,99,000.00 as on 31.3.84 and have disputed the claim on the ground they also form part of Government and no cess can be levied.

TAMIL NADU POLLUTION CONTROL BOARD, MADRAS - 32.

SCHEDULE - T

Notes forming part of Accounts as on 31st March 1994.

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 Equipments	33.33	%
vi. Electrical Installation	15	%

- b) Stock of Chemicals/Glasswares and Consumables are valued at cost.
- c) Grants and Cess reimbursements are accounted on receipt basis and all other income are accounted in accrual basis based on the demands raised by the Board.
- d) Payment of Gratuity to the employees is covered under LIC's Group Gratuity Scheme. Pension to employees is being provided on annual accrual basis.

2. Cess Receivable : Rs. 14,79,77,207.74

This includes amounts due from

- i. M/s. Tuticorin Thermal Power Station, Tuticorin and M/s. Seshasayee Paper & Boards Ltd., Pallipalayam, Salem District amounting to Rs. 6,99,21,181.45 and Rs. 36,47,584/- respectively as on 31st March 1994. The above parties have filed writ petition in the High Court of Madras against the Water Cess Assessment Order passed by the Board. The case is still pending with the High Court for disposal.
- ii. Amounts due from Local Bodies Rs. 6,55,99,925.99 (As on 31.3.94) who have disputed the claim on the ground they also form part of Government and no cess can be levied.

- iii. Provision made for doubtful debts in respect of dues from industries which has been closed.
3. The cost for the land acquired by the Board at Guindy is yet to be paid for want of Assessment Order from Government.
 4. 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.
 5. Advances to suppliers includes amounts paid in earlier years still pending allocation to various account heads.
 6. Sundry Debtors under Miscellaneous Advances represents the Analysis Charges receivable from various District Environmental Engineer's Office.
 7. Term and other deposits under the head Cash includes investments to represent the following :

Refundable performance	
Guarantee Deposit	4,52,14,857.05
Depreciation Fund Investment	2,56,48,969.82
CETP Subsidicing Investment	2,95,14,000.00
	10,03,77,826.87

Sd. S.Kuppusamy	Sd. G.Rengasamy	Sd. C.Thangaraju	As per our report of even dated ESGEEAAR ASSOCIATES Chartered Accountant
Madras 18-01-95	Financial Advisor	Member- Secretary	

Sd. G.S.Ramachandran
Partner

- 1. Provision made for doubtful debts in respect of dues from industries which has been closed.
- 2. The cost for the land acquired by the Board at Gindayal tal to be used for water of Assessment Order from Government.
- 3. Amount paid towards cost of lands at Parbatpur, Hoshiar 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 account heads.
- 5. Supply Debts under Miscellaneous Advances represents the Analysis Charges levied from various District Environmental Engineer's Office.
- 6. Term and other deposits under the head Cash includes investments to represent the following:

Retainable performance	4,52,14,627.08
Guarantee Deposit	2,88,48,009.82
Depositor Fund Investment	2,95,14,000.00
CETP Subsidizing Investment	10,03,77,828.87
	10,03,77,828.87

18-01-95
 Member
 Mr. S. K. Kuppasamy
 Chairman
 Mr. S. G. Ramaswamy
 Secretary
 Mr. S. G. Ramaswamy
 As per our report of
 even dated
 ESSEBAR ASSOCIATES
 Chartered Accountant
 Partner
 Mr. S. G. Ramaswamy

