



Chennai Metropolitan Water Supply and Sewerage Board

சென்னைப் பெருநகர் குடிநீர் வழங்கல் மற்றும்
கழிவுநீரகற்று வாரியம்

ANNUAL REPORT

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Annual Report

2013-14

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DIRECTORS OF THE BOARD - REPORT PERIOD



Thiru. K.P. Munusamy, B.A.B.L.,
Hon'ble Minister for Municipal Administration,
Rural Development, Chairman,
CMWSS Board
01.04.2013 - 31.03.2014

Full Time Directors



Thiru K. Phanindra Reddy, I.A.S.,
Principal Secretary,
01.04.2013-31.03.2014



Dr. Chandra Mohan, I.A.S.,
Managing Director
CMWSSB
01.04.2013-31.03.2014



Thiru N. Sandeep, I.A.S.,
Executive Director,
CMWSSB
16.09.2013-31.03.2014



Thiru. C. Arumugam, IA&AS.,
Finance Director,
CMWSS Board
01.04.2013-31.03.2014



Thiru. Balraj, M.E.,
Engineering Director,
CMWSS Board
01.04.2013 to 30.06.2013



Thiru. T.V. Prabhakar, M.E.,
Engineering Director,
CMWSS Board
01.07.2013 to 31.03.2014

Ex. Officio Directors



Thiru K. Shanmugam, IAS.,
Addl. Chief Secretary to Government,
Finance Department,
01.04.2013-31.03.2014



Thiru. Vikram Kapur, I.A.S.,
Commissioner,
Corporation of Madras
01.04.2013-31.03.2014



Thiru. R. Venkatesan, I.A.S.,
Member Secretary, CMDA
01.04.2013-31.03.2014



Thiru. A. Karthik, I.A.S.,
Member Secretary, CMDA
01.04.2013-31.03.2014



Thiru. P. Ekambaram, I.A.S.,
Managing Director,
TWAD Board
01.04.2013-31.03.2014



Thiru. C. Vijayaraj Kumar, I.A.S.,
Managing Director,
TWAD Board
01.04.2013-31.03.2014



HISTORY OF THE BOARD

The Chennai Metropolitan Water Supply and Sewerage Board (Metro Water) was formed as a Statutory Board through an Act of the Tamil Nadu Legislature. (The Madras Metropolitan Water Supply and Sewerage Act 1978 (Act No. 28 of 1978). The Chennai Metropolitan Water Supply and Sewerage Board took over the water supply and sewerage services carried out by the Chennai Municipal Corporation and State Ground Water Department.

Area of Operation of the CMWSS Board:

At the time of formation of the Board, the entire city of the Chennai (Corporation Limit) was divided into four Geographical Areas, each headed by an Area Engineer. Under each area, there were an average of about 20 Depots to cater to the water supply and sewerage needs of the public. The Depots Office is the basic unit of the Board and the public approach the depot offices for their requirements, complaints etc. Now the Board has expanded to 15 Area Offices and 200 Depots. The Board has 2 Functional Regional Offices, One deals with the Board's surface water sources at Redhills, Cholavaram, Poondi and the Kilpauk Water Works and the other Regional Office deals with Board's Ground water sources outside the city limit supplying water in bulk mainly to the Industries.

Additional Sources of Water

After formation of the Board, water sources have been increased by implementing the following projects

1. Krishna Water Supply Scheme:

A joint agreement was signed by Governments of Maharashtra, Karnataka and Andhra Pradesh on April 14, 1976 to spare fifteen thousand million cubic feet (TMC) of Krishna Water to Chennai City. Following this, an accord between Andhra Pradesh Govt. and Tamil Nadu Govt. was signed on April 18, 1983 for drawing 15 TMC of Krishna Water to Chennai City from Srisailem Reservoir to be conveyed through Somaseela and Kandaluru Reservoirs and ultimately a net quantity of 12 TMC (After a loss of 3TMC enroute in evaporation and seepage) will reach the Tamil Nadu border.

2. Veeranam Water Supply Project:

The Veeranam Water Supply Project was implemented to create as an additional source of water to Chennai City. The project was commissioned in the year 2004 to supply 180 MLD of water to Chennai City by drawing water from Veeranam Lake.

3. 100 MLD Desal Plant at Minjur

4. 100 MLD Desal plant at Nemmeli

Treated water is drawn from above projects daily.

Main items of Revenue:

1. Water and Sewerage Tax
2. Sale of Water
3. Water Charges
4. Grants from Government

The Water Tax and Sewerage Tax are similar to the Property Tax levied by the Chennai Municipal Corporation, which among several other components includes a component for Water and Sewerage. After the formation of the Board this component has been deleted from the Property Tax levied by the Chennai Municipal Corporation and the board in turn has been authorized to levy the Water Tax and Sewerage tax separately. As an administrative arrangement, the Chennai Corporation continued to levy and collect water tax and sewerage tax on behalf of the Board till the end of 31-3-79. From 1st April 1979, the Board has been levying and collecting the Water Tax and Sewerage Tax on its own. While the Act constituting the Board authorizes the levy of water tax upto a maximum of 20% of the assessed annual value and sewerage tax upto 10% of the assessed annual value, the Board has been authorized to levy only 1.5% of the annual value as water tax and 5.5% as the sewerage tax making a total of 7% of the annual value. Thus the total rate of taxes levied by the Board remains the same as it was when these taxes were a component of the Property Tax. Presently, the assessed Annual value of each premises adopted by the Board is the same as that adopted by the Chennai Municipal Corporation. The demands for Water Tax and Sewerage Tax at 7% of the Annual Value is raised half yearly.

Water is sold to different categories of consumers and charges are levied on the basis of the actual consumption of water. Water charges and demand are rendered normally on a monthly basis.

The Board is mostly collecting the water charges from public at a flat rate.

The Board is receiving grants from Government to implement various schemes.



OBJECTIVES OF THE BOARD

To promote or secure the planned development, efficient operation, maintenance and effective regulation of water supply and sewerage systems in the Chennai Metropolitan Area.

To prepare long term plans to meet the future requirement of water supply and sewerage in the Chennai Metropolitan Area based on estimates of demand, survey on availability, usage of water and other relevant matters. Periodical evaluation, continuous monitoring of execution and recasting plans to meet up-to-date needs.

To undertake development activities with a view to meet the future requirements of water supply and sewerage in the Chennai Metropolitan Area.

To operate and maintain the water supply and sewerage as may be entrusted by the Government by notification of the Board;

To discharge all such functions relating to water supply and sewerage as may be entrusted by Government by notification to the Board;

To undertake any other matter which is supplement, incidental or consequential to all or any of the above functions; and

To undertake such other functions as may be entrusted to the Board by or under any other law for the time being having due regard to public health, safety and convenience.

IN THE DISCHARGE OF ITS FUNCTIONS THE BOARD SHALL

- a. Have due regard to public health, safety and convenience of the public;
- b. Consult and collaborate with the Chennai Metropolitan Development Authority in regard to planning and undertaking development activities connected with the water supply and sewerage systems for the Chennai Metropolitan Area and extend full assistance to and co-operate with the local authority in relation to matters connected with water supply systems or

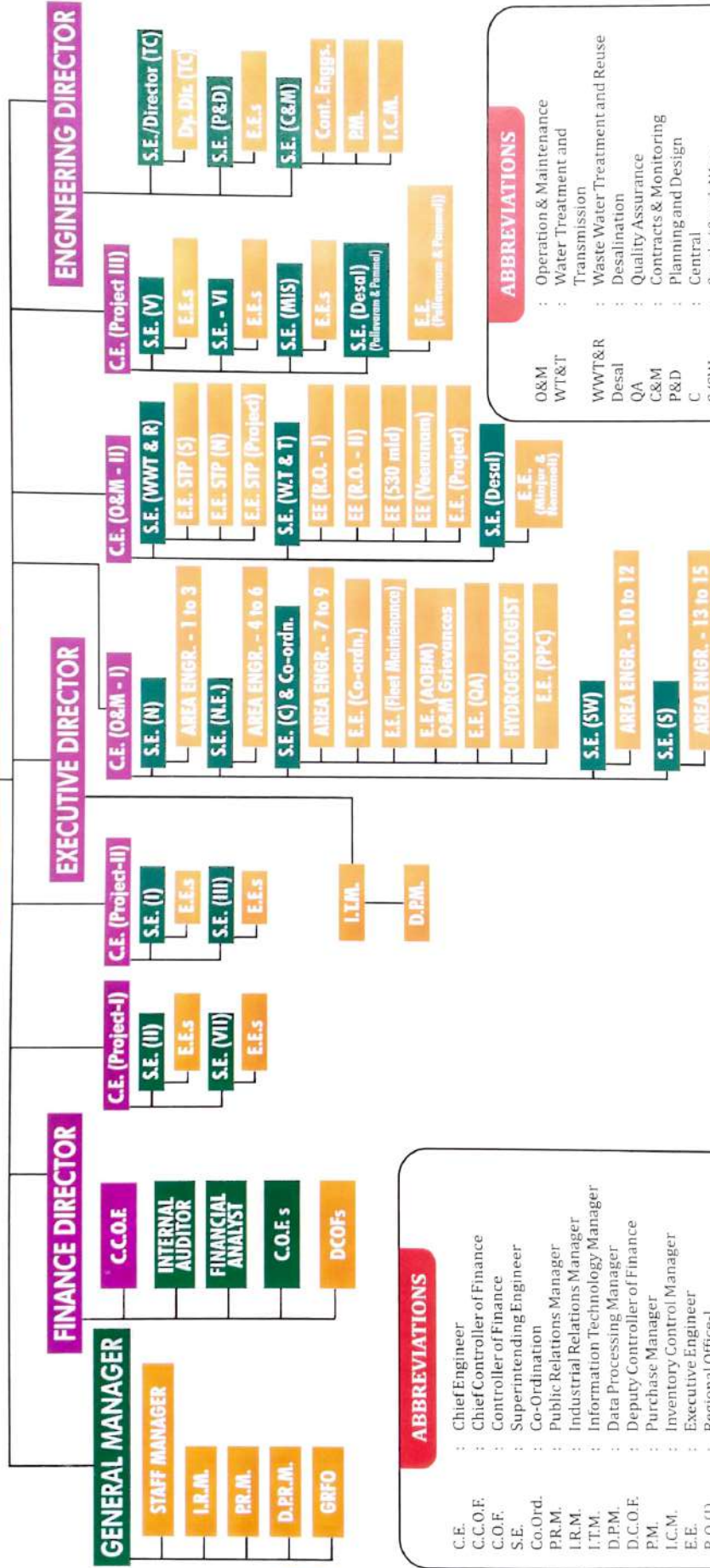
water or sewerage works or other similar works;

- c. Facilitate training of personnel for and absorbing and utilizing the technical know how in the Water Supply and waste water disposal sectors;
- d. Provide consultancies and managerial services and execution of any project on turnkey basis or otherwise, furnishing integral service such as basic survey on preparation of detailed designs and estimates, tender procedures, execution of projects, monitoring evaluation etc, to other Urban Local Bodies in the State;
- e. Control extraction, conservation and use of underground water in the Chennai Metropolitan Area;
- f. Prevent pollution of any water including any water source, water course or channel utilized for the purpose of the Chennai Metropolitan Area;
- g. Prescribe the manner of treatment of trade effluents before discharge thereof and to regulate the discharge thereof into any sewer, canal, river or other water channels utilized for the purpose within Chennai Metropolitan Area;
- h. Conduct research, experiment and survey and to do all things necessary for that purpose;
- i. Acquire, hold and dispose of property, necessary to carry out its operations;
- j. Prepare and adopt its annual accounts and budget;
- k. Determine, levy and collect taxes, rates, fees, charges, surcharges, rents and costs and expenses; and
- l. Do all things necessary for the purpose of carrying out the provisions and duties assigned to it under CMWSS Act 1978 (Act 28 of 1978).

ORGANISATION CHART

CHAIRMAN

MANAGING DIRECTOR



ABBREVIATIONS

- C.E. : Chief Engineer
- C.C.O.F. : Chief Controller of Finance
- C.O.F. : Controller of Finance
- S.E. : Superintending Engineer
- Co.Ord. : Co-Ordination
- PR.M. : Public Relations Manager
- I.R.M. : Industrial Relations Manager
- I.T.M. : Information Technology Manager
- D.P.M. : Data Processing Manager
- D.C.O.F. : Deputy Controller of Finance
- P.M. : Purchase Manager
- I.C.M. : Inventory Control Manager
- E.E. : Executive Engineer
- R.O. (I) : Regional Office - I
- R.O. (II) : Regional Office - II
- DPRM : Deputy Public Relations Manager
- GRFO : Grievance Redressal and Facilitation Officer

ABBREVIATIONS

- O&M : Operation & Maintenance
- WT&T : Water Treatment and Transmission
- WWT&R : Waste Water Treatment and Reuse
- Desal : Desalination
- QA : Quality Assurance
- C&M : Contracts & Monitoring
- P&D : Planning and Design
- C : Central
- S/SW : South / South West
- N/NE : North / North East
- STP : Sewage Treatment Plant
- AOBM : Admn. Office Building Maintenance
- TC : Training Centre
- PPC : Project Progress Control
- MIS : Management Information System

GRADE - I

GRADE - II

GRADE - III

GRADE - IV





WATER SOURCES FOR CHENNAI CITY

The Chennai city Water Supply sources are Surface sources and Ground water sources. The surface sources are Poondi, Cholavaram, Red hills and Chembarambakkam lakes. An agreement was signed jointly by Governments of Maharashtra, Karnataka and Andhra Pradesh on April 14, 1976 to spare 15 thousand million cubic feet (TMC) of Krishna water to Chennai city, from Sri Sailam Reservoir to be conveyed through Somaseela and Kandaleru Reservoirs and ultimately a net quantity of 12 TMC (after loss of 3 TMC enroute in evaporation and seepage) will reach the Tamil Nadu border as follows.

July to October - 8TMC

January to April - 4TMC

Veeranam lake located at about 230 km South of Chennai City is another source from October 2004, added to Chennai City water supply. In addition to this, CMWSSB is treating about 100MLD of water from the Desalination plant at Minjur constructed on Design,Build,Own,Operate,and Transfer (DBOOT) basis(from 31.07.2010). Another 100 MLD Desalination plant at Nemmeli was commissioned by Hon'ble Chief Minister on 22.02.2013. The ground water sources are the Well Fields located at Poondi, Tamaraipakkam, Flood plains, Kannigaipair, Panjetty, Minjur and southern coastal Aquifer.

2. a. AVERAGE RAINFALL OF REDHILLS, CHOLAVARAM & POONDI

Year	Rainfall in mm
2007	1449.47
2008	1655.00
2009	1119.60
2010	1561.03
2011	1315.80
2012	981.80
2013	1064.87
2014	1025.80

2. c. AVERAGE TOTAL SUPPLY

Financial Year	Quantity in MLD
2007-08	642.79
2008-09	653.57
2009-10	610.95
2010-11	682.49
2011-12	794.77
2012-13	828.83
2013-14	604.07
2014-15	586.02

2.b. STORAGE LEVEL OF LAKES

(in mcft)

Sl. No.	Name of the Lake	Full storage capacity	Storage				
			June 2010	June 2011	June 2012	June 2013	June 2014
1	Poondi	3231	1195	1700	2080	337	429
2	Cholavaram	881	98	218	83	0	3
3	Redhills	3300	2004	2207	1319	821	1507
4	Chembarambakkam	3645	2106	1822	1177	1012	1264
5	Veeranam	1465	1124	0	499	0	1051

2. d. DEMAND SUPPLY GAP

Financial year	Population in lakhs	Demand	City supply in MLD	Gap
2007 - 08	45.43	681.45	582.22	99.23
2008 - 09	45.77	686.55	586.59	99.96
2009 - 10	46.12	691.80	535.88	155.92
2010 - 11	46.46	696.90	606.13	90.77
2011 - 12	67.27	1009.05	722.85	286.20
2012 - 13	68.97	1034.55	766.25	268.30
2013 - 14	70.68	1060.20	555.61	504.59
2014 - 15	71.88	1078.20	540.65	537.55

OPERATION AND MAINTENANCE

i) OPERATIONAL AREA

The operational area of the CMWSSB is 426 sq.km.

ii) WATER SUPPLY

The Board maintains an elaborate network of facilities to provide water supply services. Since its inception in 1978, the Board has improved its services and the infrastructure it maintains has seen a manifold increase.

The treated water after disinfection is distributed to the entire city through 16 major and 30 minor distribution stations and a network of 5275 KM water distribution mains laid in the city. In 2013-14, an average of 3700 trips are made through lorries from filling points located at 35 places by operating about 219 nos. of 9 KL and 92 nos. of 6 KL lorries

iii) WATER TREATMENT PLANTS

Water is drawn from Red Hills lake to Water Treatment Plants at Puzhal & Surapet (taken over from TWAD on 01.08.2009) situated near the Lake, and at Kilpauk, then treated and distributed to Chennai City. The Chembarambakkam Water Treatment Plant (commissioned on 19.07.2007) to treat water drawn from Chembarambakkam lake and to supply to city. Water drawn from Veeranamlake (added as a source in the year 2004) is treated at Vadakuthu Water Distribution Station and then distributed to Chennai City through Porur WDS. In addition to this, CMWSSB is having 100MLD Desalination plant at Minjur constructed on Design, Build, Own, Operate, and Transfer (DBOOT) basis (from 31.07.2010) and another 100 MLD Desalination plant at Nemmeli with major fund support from Central Government is in operation from 22.02.2013.

Sl. No.	Water Treatment Plant	Capacity in MLD	Established in the year	Present treatment (in MLD)	Reason for gap
1	Kilpauk	270	1914 Refurbished in 2005	270	Conduit to be refurbished
2	Redhills	300	1996	210	Additional intake provisions to be made
3	Veeranam	180	2004	180	
4	Chembarambakkam	530	19.07.2007	265	Additional pipeline to be laid
5	Surapet	14	Taken over from TWAD in 2009	11.5	
6	Desalination Plant at Minjur	100	31.07.2010	100	
7	Desalination Plant at Nemmeli	100	22.02.2013	68.63	Stabilizing Period
	Total Treatment Capacity	1494			

IV RAIN WATER HARVESTING

Tamil Nadu is a pioneer in the field of Rain Water Harvesting, thanks to the visionary efforts of the Hon'ble Chief Minister. The Board has taken various measures to popularize Rain Water Harvesting among the residents of Chennai City.

A special Rain Water Harvesting Cell offers guidance to the residents to install the Rain Water Harvesting structure and its maintenance.

The Chennai Metropolitan Area Ground Water (Regulation) Act, 27 of 1987 has been amended in October 2002 to make installation of Rain Water Harvesting structure, mandatory in all types of buildings.

To get new/renewal of water and sewer connections, installation of Rain Water Harvesting have been made mandatory for all the buildings irrespective of size and area.

In Chennai city, assessment on the ground water level and quality is being made through a network of observation wells. The results show that the ground water level has risen between 15 to 20 feet and the water quality (Total Dissolved Solids) has improved in the range of 500 to 3000 ppm. Following the implementation of the Rain Water Harvesting scheme, ground water levels and its quality is improving year after year.

v) EFFORTS TAKEN BY THE BOARD TO MAINTAIN QUALITY OF WATER

The Expanded Chennai City has an area of about 426 sq. km. and it is divided into 15 Areas which includes newly added areas. The water supply and sewerage facilities of Chennai City are provided by CMWSS Board.

The Quality Assurance Wing of CMWSS Board monitors the quality of water supplied to the consumers. About 150 water samples are collected on daily basis to analyse the Residual Chlorine content and 60 samples for Bacteriological analysis. In addition to these samples, 2500 water samples are collected from various parts of Chennai city and checked for residual chlorine by the field staff from 200 Depot offices.

Quality Assurance Wing of CMWSSB is equipped with water testing laboratory at Kilpauk where the water samples were tested and results sent to concerned field officers for perusal and remedial action. Whenever there is inadequate residual chlorine, it will be informed to Field Engineers for urgent redressal. The Field Engineers in turn ascertain the cause for deterioration in quality and rectify it and checked until conformity to standards.

Whenever a pollution complaint is received the Field Engineers investigate and if necessary the piped supply is disconnected and arrange for Mobile water. The piped supply is restored after rectification of defects.

Quality Assurance Wing also monitors the admission of ADD (Acute Diarrhoeal Diseases) at Communicable Disease Hospital, Tondiarpet and during outbreak of any epidemic disease, water quality is checked and sanitary survey is conducted by Field Engineers and rectified.

During monsoon period all Overhead Tanks and under Ground Tanks in water treatment plants and water distribution stations are cleaned and ensured that adequate residual chlorine is maintained in tail end areas.

The Quality Assurance Wing Field Engineers also Co-ordinates with Health Authorities of Corporation of Chennai and Director of Public Health and Preventive Medicine to maintain water quality as per IS Standards.

vi. SEWERAGE:

The sewage generated from the residences of the city is collected through the net work of sewage collection system of 4265 KM Sewer Mains, 95607 manholes pumped by operating 250 Sewage Pumping Stations in the City to the 12 sewage treatment plants with a capacity of 764 MLD located at 6 places of the City. The sewage system of the city is divided into five zones with independent zonal collection, conveyance, treatment and disposal facilities.

vii. Existing Sewage Treatment Plants:

Sl. No.	Treatment Plant	Capacity in mld	Actual usage in mld
1.	Nesapakkam (3 units : 23+40+54 mld)	117	98
2.	Kodungaiyur (3 units : 110+80+80 mld)	270	218
3.	Koyambedu (3 units : 34+60+120 mld)	214	105
4.	Perungudi (3 units : 79+72+12 mld)	163	139
	Total (12 units)	764	560

Additional sewage Treatment Plant (under construction)

On completion of underground sewerage system in newly added areas of Corporation of Chennai, the entire capacity of the existing sewage treatment plant will be utilized.

Mechanisation of sewer cleaning operations:

Consequent to the direction of the Hon'ble High Court, banning entry of human being into the manholes for sewer cleaning, CMWSSB has mechanised removal of obstruction in the sewerage system by deploying Jet Rodding machines, Super Sucker machines and Desilting machines. During 2013 – 14, 211 Desilting Machines, 129 Jet Rodding Machines, 27 jetting cum suction and 43 Super Sucker Machines have been deployed to maintain the city's sewer system.

viii) Automation of monitoring of operation:

Global positioning system

CMWSSB is introducing the Global Positioning System to track the movement of water carrying tankers hired by the Board to prevent possible pilferage of water.

ix) Consumer orientation - including Grievance Redressal:

The Area Offices, Depot Offices and Head Office are interlinked through Wide Area Network (WAN). The consumers, irrespective of their name, address, location with nature of complaint can register their grievances in any of the offices over phone or in person. The registered grievances are transferred immediately through the Online Complaints Monitoring System to the concerned Depot Offices for taking necessary action. Action taken on such grievances / complaints is also monitored through this system.

The Short Message Service (SMS) has also been implemented in the Board, by which any consumer can register a complaint over phone and get an acknowledgement for the complaint from Metro Water by SMS. The received complaints are automatically forwarded to the relevant Depot Engineer through SMS, in order to take remedial action. After Redressal of the complaint, action taken is informed to the consumer through SMS.

Analysis of repeated complaints and ensuring avoidance of such repetitions has greatly reduced the receipt of complaints itself. In 2013-14 - 1,93,121 No. of complaints were received from the consumers and redressed.

LIST OF WORKS ADMINISTRATIVELY SANCTIONED DURING THE YEAR 2013 - 2014

WATER:

Sl. No.	Name of Work	Estimate Amount (Rs. in Crores)	Administrative Sanctioned date
1	Providing Comprehensive Water Supply Scheme to Sriperumbudhur Town Panchayat	42.20	05.06.2012
2	Providing Comprehensive Water Supply Scheme to Nolambur	18.00	22.10.2012
3	Providing Comprehensive Water Supply Scheme to Karambakkam, Division 150, Chennai.	20.56	22.10.2012
4	Providing Comprehensive Water Supply Scheme to Ramapuram	32.54	22.10.2012
5	Providing Comprehensive Water Supply Scheme to Manapakkam	10.92	22.10.2012
6	Providing Comprehensive Water Supply Scheme to Nandambakkam, Division - 158, Chennai.	6.00	22.10.2012
7	Providing Comprehensive Water Supply Scheme to Okkium Thoraipakkam, Division - 193(Part), 194 & 195, Chennai.	46.00	22.10.2012
8	Providing Comprehensive Water Supply Scheme to Injambakkam, Division - 196, Chennai.	22.30	22.10.2012
9	Providing Comprehensive Water Supply Scheme to Sholinganallur & Karapakkam, Division - 197 & 198, Chennai.	35.70	22.10.2012
10	Supplying, laying, jointing, testing and commissioning of MS spirally welded pipes of nominal diameter 1200mm from Poonamallee Bye - pass Road (near Saveetha Dental College) upto Tambaram.	97.95	23.11.2012
11	Providing pipeline arrangements from Neyveli Mine IA discharge points D10 & D11 to Water Treatment plant at Vadakuthu.	5.95	08.03.2013
12	Providing pipeline arrangements from Paravanai discharge point to existing Raw water pipe line at Vadakuthu.	2.92	08.03.2013

SEWER:

1.	Providing Comprehensive sewerage Scheme to Sriperumbudhur Town Panchayat	47.40	05.06.2012
2.	Providing Comprehensive sewerage Scheme to Kathivakkam	86.15	22.10.2012
3.	Providing Comprehensive Under Ground Sewerage Scheme to Ramapuram	48.50	22.10.2012
4.	Providing Comprehensive Under Ground Sewerage Scheme to Sholinganallur & Karapakkam, Division - 197 & 198, Chennai.	110.90	22.10.2012

PROJECT FUNDING PATTERN 2013-14

S. No.	PROJECT WORKS	Contract Value (Rs. in Lakhs)	FUNDING PATTERN	PROGRESS	
				PHYSICAL %	FINANCIAL (%)
	WATER SUPPLY SCHEMES				
1	Ambattur Water Supply Scheme (ULB)	18276.62	JNNURM Fund	100%	84%
2	Nerkundram Water Supply Scheme (ULB)	1460.22	JNNURM Fund	34%	33%
3	Maduravoyal Water Supply Scheme (ULB)	1415.40	JNNURM Fund	99%	82%
4	Ullagaram Puzhuthivakkam Water Supply scheme (ULB)	1750.00	JNNURM Fund	87%	58%
5	Thiruvottiyur Water Supply Scheme (ULB)	7120.00	JNNURM Fund	81%	73%
6	Avadi Water Supply Scheme (ULB)	8329.00	JNNURM Fund	99%	80%
7	Alandur Water Supply Scheme	3738.00	JNNURM Fund	100%	72%
8	Improvement to Water / Distribution station in to Chennai City	31266.00	JNNURM Fund	100%	83%
9	Madhavaram Water Supply Scheme	4507.00	JICA	15%	14%
10	Meenambakkam Water Supply Scheme	34.14	TNSCB	100%	78%
11	Okkiam Thorapakkam Water Supply Scheme-funded by TNSCB	352.00	TNSCB	100%	69%
12	Perumbakkam TNSCB (Deposit)	96.19	Deposit	100%	67%
13	Sholinganallur and Karapakkam WSS Zone-XV	2759.00	CMCDM	16%	41%
14	Sriperumbudur WSS	2736.98	Deposit (UIDSST)	31%	16%
15	Karambakkam WSS	1716.38	CMCDM	24%	18%
16	Injambakkam WSS	1970.73	CMCDM	34%	62%
17	Nolambur WSS	1480.00	CMCDM	15%	20%
18	Ramapuram WSS	2442.00	CMCDM	1%	2%
19	Manapakkam WSS	1005.00	CMCDM	-	0.15%
20	Nandambakkam WSS	424.00	CMCDM	-	0.3%



S. No.	PROJECT WORKS	Contract Value (Rs. in Lakhs)	FUNDING PATTERN	PROGRESS	
				PHYSICAL %	FINANCIAL (%)
21	Okkiyam-Thoraipakkam WSS	3968.00	CMCDM	-	0.04%
22	Pallavaram WSS	9887.33	TNUDP-III	1.2%	0.4%
23	Pammal WSS	4539.00	TNUDP-III	0.75%	0.82%
24	Laying of 1200mm dia water transmission main from Poonamallee to Tambaram	6576.20	I&AF	34%	34%
25	Thervoykandigai	3561.93	Deposit	64%	41%
26	Supplying and laying of 2000mm dia pipes from Chembarambakkam water treatment plant to Poonamallee bye pass road	3967.00	I&AF	-	9%
	SEWERAGE SCHEMES				
27	Maduravoyal Underground Sewerage Scheme (ULB)	4691.67	JNNURM Fund	93%	55%
28	Porur Underground Sewerage Scheme (ULB)	3441.29	JNNURM Fund	70%	45%
29	Ambattur Underground Sewerage Scheme (Phase-3) JnNURM/Govt. & LB	12384.00	JNNURM Fund	89%	65%
30	Ambattur Underground Sewerage Scheme (Phase-1) Balance works	4130.68	TNUDP-III	97%	89%
31	UllagaramPuzhuthivakkam UGSS (ULB)	2780.13	JNNURM Fund	80%	58%
32	Perungudi Underground Sewerage Scheme (ULB)	2195.04	JNNURM Fund	75%	46%
33	Pallikaranai Underground Sewerage Scheme (ULB)	4611.68	JNNURM Fund	84%	88%
34	Thiruvottiyur Underground Sewerage Scheme (ULB)	5475.00	TNUDP-III Fund	78%	76%
35	Madhavaram Underground Sewerage Scheme (ULB)	4133.00	TNUDP-III Fund	100%	89%
36	Avadi Underground Sewerage Scheme (ULB)	17352.00	JNNURM Fund	89%	76 %
37	Thirumazhisai Underground Sewerage Scheme (ULB)	1624.33	JNNURM Fund	99%	77%

S. No.	PROJECT WORKS	Contract Value (Rs. in Lakhs)	FUNDING PATTERN	PROGRESS	
				PHYSICAL %	FINANCIAL (%)
38	Tambaram Underground Sewerage Scheme (ULB)	14464.00	JNNURM Fund	52%	35%
39	Koyambedu STP	7670.71	JnNURM Fund	83%	79%
40	Nesappakkam – 54 MLD	4843.52	JNNURM Fund	98%	87%
41	IT Corridor UGSS – 14 Pump houses	2875.00	I & A Fund	39%	28%
42	Meenambakkam Underground Sewerage Scheme	522.00	CMCDM	61%	57%
43	Sholinganallur and Karapakkam UGSS	8726.00	CMCDM	16%	47%
44	Solinganallur Sewage Treatment Plant – 18 MLD	1770.00	JNNURM Fund	23%	16%
45	Okkiyam Thoraipakkam Underground Sewerage Scheme- funded by TNSCB	176.00	TNSCB	99%	60%
46	Sriperumbudur UGSS	3352.36	Deposit (UDISST)	38%	46%
47	Kathivakkam UGSS	7509.95	CMCDM	26%	20%
48	Ramapuram UGSS	4165.00	CMCDM	2%	1.5%
49	Enlargement of sewer mains at various locations for plugging of sewage outfall in Chennai city waterways	13608.00	I&AF	50%	11.27%



100 MLD DESALINATION PLANT AT NEMMELI - ACA

Population 15,00,000 Streets - 2794

G.O.(MS) No. 108, Dt 29.06.2003.

Source	% of Project cost	Amount (in crores)
GOI	97.46%	519.82
GOTN	2.54%	13.56
Total	100%	533.38

Estimate Value (in crores)	Contract Value (in crores)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
740.52	533.38+500.30	24	30.12.09	23.02.10	31.12.13

Physical Progress

Description	Total Qty	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Supply	100%	-	48%	50%	2%	-	-	100%
Erection	100%	-	20%	60%	10%	-	-	100%
Civil & Structural	100%	5%	65%	20%	10%	-	-	100%

Financial Progress (in lakhs)

Description	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	22550	11300	11000	12118	17288	74256
Expenditure	16465	19177	16868	6666	5589	64765



NEMMELI DESAL CONVEYANCE SYSTEM - GOI

G.O.(MS) No. 108, Dt 29.06.2009.

Estimate Value (in lakhs)	Contract Value (in crore)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
14561.60	12249.70	20	30.12.09	24.02.10	Jan - 2013

Physical Progress

Description	Total Qty.	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Pipe Laying(m)	64370	45920	12320	6130	-	-	64370
Construction of UGT&Pumphouse (4No)	100%	42%	50%	8%	-	-	100%

Financial Progress (in lakhs)

Description	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Funds Received	7450	3700	3100	-	-	14250
Expenditure	7422	3729	1267	1855	109	14383

MADHAVARAM WATER SUPPLY SCHEME - JICA

Population - 3,83,433

Streets - 607

G.O.(D) No.201/dt. 11.07.2012 for Rs.55.00 Crores

Year	Source	% of Project cost	Amount (in lakhs)
	Capital Grant under JICA assisted	50%	1650.00
Base 2012	Loan under JICA assisted TNUIP	50%	3300.00
Intermediate 2027	CMWSSB Contribution	10%	550.00
Ultimate 2042	Total	100%	5,500.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
5500.00	4507.00	24	17.05.2012	17.10.2012	Under Progress

Physical Progress

Description	Total Qty	2012-2013	2013 - 2014	2014 - 2015	Cumulative
Distribution Main in (m)	149253	-	47901	21185	69086
Providing Conveying Main in (m)	6690	-	-	222	222
House service connection in (No.)	19737	-	5355	2015	7472
Construction of OHT	6 nos.	2%	7%	21.08%	28.08%
Construction of UGT	4 nos.	5%	19%	58.00%	77%
Construction of Pump House	2 No (Combined)	-	-	11%	11%

Financial Progress (in lakhs)

Description	2012-2013	2013 - 2014	2014 - 2015	Cumulative
Funds Received	455.00	1111.00	430.00	1541.00
Expenditure	455.48	780.46	1474.84	2260.80



OKKIAM THORAIPAKKAM WATER SUPPLY SCHEME (DEPOSIT WORK)

Fund Deposited by : TNSCB Population - 41,211

Board Resolution No.22 / 2012.

Source	% of Project cost	Amount (in lakhs)
TNSCB	100%	353.00
TOTAL	100%	353.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
353.00	352.00	6	21.06.2012	03.10.2012	Under Progress

Physical Progress

Description	Total Qty	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Distribution Main in (m)	5548	4784	764	-	5548
Providing Feeder Main in (m)	1500	54.6	1445.4	-	1500
Construction of UGT (2 nos.) with Pump House	100 %	30%	70%	-	100%

Financial Progress (in lakhs)

Description	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Funds Received	353.00	-	-	353.00
Expenditure	82.00	161.27	101.68	344.95



MEENAMBAKKAM WATER SUPPLY SCHEME

Population - 14,629 (Year 2044) Streets - 16

Fund Deposited by : Chennai Mega City Development Mission (2011 - 2012)

G.O. (D) No.31 MA & WS Department Dt. 07.02.2012

Source	% of Project cost	Amount (in lakhs)
GoTN	100%	59.00
TOTAL	100%	59.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
59.00	34.14	12	07.09.2012	28.11.2012	30.04.2015

Physical Progress

Description	Total Qty	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Distribution Main in (m)	1885	370	1515	-	1885
HSC (Nos.)	250	-	410	-	410

Financial Progress (in lakhs)

Description	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Funds Received	2817.00	7136	-	9953
Expenditure	7.55	38.64	6.9	53.09



PERUMBAKKAM WATER SUPPLY SCHEME (DEPOSIT WORK)

Fund Deposited by : TNSCB

Board Resolution No.22 / 2012

Source	% of Project cost	Amount (in lakhs)
TNSCB	100%	107.00
TOTAL	100%	107.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
107.00	96.19	6	19.07.2012	17.08.2012	30.08.2014

Physical Progress

Description	Total Qty	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Distribution Main in (m)	2520	1920	600	-	2520

Financial Progress (in lakhs)

Description	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Funds Received	121.00	-	-	-	121.00
Expenditure	-	-	71.25	7.77	79.02

AMBATTUR WATER SUPPLY SCHEME - JNNURM

Population - 4,42,252

Streets - 2350

G.O. No.330, MA & WS Dept, Dt. 17.07.09, Rs.26708 Lakhs

Year	Source	% of Project cost	Amount (in lakhs)
	Gol	35%	9347.80
Base 2009	GoTn	15%	4006.20
Intermediate 2024	Local Body	50%	13354.00
Ultimate 2039	Total	100%	26708.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
20480.00	18276.62	24	30.09.09	28.10.09	30.06.13

Physical Progress

Description	Total Qty	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Distribution Main in (m)	502373	89074	320562	73148	19492	97	-	502373
Providing Conveying main in (m)	17726	0	8992	4191	4483	60	-	17726
House service connection in (no.)	48800	0	26397	19285	3093	25	-	48800
Construction of OHT	22 no.	1%	73%	18%	8%	-	-	100%
Construction of UGT	11 no.	2%	48%	40%	10%	-	-	100%
Construction of Pump House	19 no.	2%	14%	74%	10%	-	-	100%

Financial Progress (in lakhs)

Description	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	3100.00	9450.00	1360.00	4117.90	1227.45	3575.45	22830.80
Expenditure	4364.48	7798.54	3048.68	979.30	893.91	1541.73	18626.64



NERKUNDRAM WATER SUPPLY SCHEME - JNNURM

Population - 1,20,869

Streets - 562

G.O. No.(MS) 43, MA & WS, (MWI) Dt. 26.02.2010

Year		Source	% of Project cost	Amount (in lakhs)
		Gol	35%	670.95
Base	2008	GoTn	15%	287.55
Intermediate	2023	Local Body	50%	958.50
Ultimate	2038	Total	100%	1917.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
1730.00	1460.22	18	28.07.10	24.01.11	Under Progress

Physical Progress of Work

Description	Total Qty	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Distribution Main in (m)	66540	48388	2583	8960	756	60687
Conveying main in (m)	1000	-	-	-	-	-
Feeder main in (m)	3672	-	-	-	-	-
Construction of OHT in (no)	4	5%	0.5%	4%	25.50%	35%
Construction of UGT in (no)	1	-	-	-	2.5%	2.5%

Financial Progress (in lakhs)

Description	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Funds Received	18.21	608.02	125.16	283.40	1034.79
Expenditure	343.90	150.18	95.48	292.65	882.21

MADURAVOYAL WATER SUPPLY SCHEME - JNNURM

Population - 1,31,200

Streets - 740

G.O. (D) No.407, dated 31.08.2007, Rs.2330 Lakhs.

Year	Source	% of Project cost	Amount (in lakhs)
	Gol	35%	815.50
Base 2008	GoTn	15%	349.50
Intermediate 2023	Local Body	50%	1165.00
Ultimate 2038	Total	100%	2330.00

Package	Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
I	233.00	275.27	15	05.05.08	22.08.08	Completed
II	1910.00	1415.40	24	25.03.10	23.04.10	Under Progress

Physical Progress

Description	Total Qty.	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Distribution Main in (m)	93763	-	-	35410	52790	5536	-	-	93763
Pumping main in (m)	577	500	77	-	-	-	-	-	577
House service connection in (no.)	11407	-	-	250	2335	7495	1327	-	11407
Construction of OHT in (no)	4	-	-	47%	23%	29%	1%	-	100%

Financial Progress (in lakhs)

Description	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	200.00	100.00	370.00	125.00	439.99	708.13	-	1943.12
Expenditure	6.60	473.64	501.03	388.74	288.03	177.08	-	1835.12



ULLAGARAM PUZHUTHIVAKKAM WATER SUPPLY SCHEME

Population - 1,09,789

Streets - 497

G.O. (D) No. 619, dated 20.12.2007, Rs.2424 Lakhs.

Year	Source	% of Project cost	Amount (in lakhs)
	GoI	35%	848.40
Base 2008	GoTn	15%	363.60
Intermediate 2023	Local Body	50%	1212.00
Ultimate 2038	Total	100%	2424.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
2242.00	1750.00	24	21.06.10	09.07.10	Work in Progress

Physical Progress

Description	Total Qty	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Distribution Main in (m)	80300	16849	46725	1520	10666	4141	79901
Feeder main in (m)	5650	-	4758	392	440	25	5615
Conveying main in (m)	4050	-	1178	1566	230	876	3850
Construction of OHT (6 no.)	100%	7%	36%	15%	12%	25.50%	95.5%
Construction of UGT (6 no.)	100%	30%	41%	29%	-	-	100%

Financial Progress (in lakhs)

Description	2008- 2009	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	Cumulative
Funds Received	303.00	-	314.80	671.22	162.51	-	390.71	1842.24
Expenditure	-	-	347.00	565.92	332.58	54.63	258.22	1558.35

THIRUVOTTIYUR WATER SUPPLY SCHEME - JNNURM

Population - 3,78,000

Streets - 1235

G.O. No.(2D) No.46, MA & WS Dept. Dt. : 02.06.09, Rs.8511.70 Lakhs.

Year	Source	% of Project cost	Amount (in lakhs)
	GoI	35%	2979.10
Base 2008	GoTn	15%	1276.75
Intermediate 2023	Local Body	50%	4255.85
Ultimate 2038	Total	100%	8511.70

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
8800.00	7120.00	24	06.05.10	20.07.10	15.07.2015

Physical Progress

Description	Total Qty	2010-2011	2011-2012	2012-2013	2013 - 2014	2014 - 2015	Cumulative
Distribution Mains in (m)	172775	19440	98805	35817	13655	5018	172735
Conveying main in (m)	14220	-	4295	3024	5472	1429	14220
House Service Connection in (no)	22719	-	9990	3550	191	-	13731
Water Distribution Station (4 no.)	100%	3%	27%	43%	2%	0%	75%

Financial Progress (in lakhs)

Description	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	1064.00	-	-	2185.84	-	-	2978.36	6228.20
Expenditure	-	-	2359.33	-	3040.67	994.00	1004.53	7398.53



AVADI WATER SUPPLY SCHEME - JNNURM

Population - 4,29,000

Streets - 1445

G.O. No.20, Dt. : 22.01.08, Rs.10384 Lakhs.

Year	Source	% of Project cost	Amount (in lakhs)
	GoI	35%	3634.00
Base 2008	GoTn	15%	1558.00
Intermediate 2023	Local Body	50%	5192.00
Ultimate 2038	Total	100%	10384.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Expected Date of completion
10384.00	8329.00	24	09.02.09	27.02.09	Partly Completed

Physical Progress

Description	Total Qty	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Distribution Main in (m)	341911	78184	172736	59585	17816	9760	-	338081
Conveying main in (m)	18228	5519	5530	3251	3780	24	-	18104
Over Head Tank (8 no.)	100%	2%	77%	6%	14%	0.5%	0.0%	99.5%
Underground Tank (7 no.)100%	100%	21%	68%	4%	6%	0.5%	0.0%	99.5%

Financial Progress (in lakhs)

Description	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	Cumulative
Funds Received	2500.00	2615.00	1175.00	2285.49	387.29	412.71	9375.49
Expenditure	3898.94	1064.56	1418.21	1697.29	121.77	783.60	8984.37



ALANDUR WATER SUPPLY SCHEME - JNNURM

Population - 2,86,000

Streets - 816

G.O. (2D) No.57, MA & WS (Ma2) Dept. Dt. : 23.06.09, Rs. 6439.00 Lakhs.

Year	Source	% of Project cost	Amount (in lakhs)
	GoI	35%	2253.60
Base 2010	GoTn	15%	965.90
Intermediate 2025	Local Body	50%	3219.50
Ultimate 2040	Total	100%	6439.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
6439.00	3738.00	24	01.12.2009	23.12.2009	31.12.2014

Physical Progress

Description	Total Qty	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Distribution Main in (m)	147563	77045	40875	26360	3283	-	147563
Feeder main in (m)	10804	1500	2800	5091	1413	-	10804
Construction of UGT (5 no.)	100%	58%	30%	9%	3%	-	100%
Construction of OHT (6 no.)	100%	30%	28%	32%	10%	-	100%

Financial Progress (in lakhs)

Description	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	809.46	856.89	685.84	1045.15	820.61	402.29	-	4620.24
Expenditure	-	610.31	1185.64	692.45	686.00	339.45	164.41	3678.87

IMPROVEMENT OF WATER SUPPLY SERVICES TO CHENNAI CITY - JNNURM

Beneficiaries - Chennai City

G.O. No.42, Dt. : 19.02.2007

Source	% of Project cost	Amount (in lakhs)
GOI	35%	11270.00
GoTN	15%	4830.00
Local Body	50%	16100.00
Total	100%	32200.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Expected Date of completion
32379.00	31266.00	12 to 24	29.08.07	18.10.2007	May14 (Except Construction of raw water conduits)

Physical Progress

Description	Total Qty.	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	Cumulative
Construction of WDS	4	29%	34%	21%	14%	1%	1%	-	-	100%
Strengthening of Distribution System	251802	-	49450	59560	28954	47945	35369	19619	2105	243002
LDR Work Renewal of Mains	51400	-	-	13593	21113	10919	5775	-	-	51400
Renewal of HSC	8533	-	-	1939	3317	2278	999	-	-	8533
Isolation of Zones by providing valve	722	-	-	54	232	403	33	-	-	722

Financial Progress (in lakhs)

Description	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	Cumulative
Funds Received	2012.50	5601.99	5193.14	5192.14	3519.17	1247.33	3196.71	1035.98	26999.66
Expenditure	2033.77	5278.66	8895.57	3128.62	2183.02	1247.33	1135.60	492.20	24394.77

PROVIDING COMPREHENSIVE WATER SUPPLY SCHEME TO SRIPERUMBUDUR TOWN PANCHAYAT - WSS

Population - 2.83 Lakhs

Streets - 322

G.O.No. 180/2012, dated 19.06.2012, Revised G.O.No. 184/2014, dated 16.05.2014

Source	% of Project cost	Amount (in lakhs)
GOI	77%	3256.80
GoTN	10%	407.10
Local Body	13%	556.10
Total	100%	4220.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
4220	2737	16	08.03.2013	01.04.2013	Work in progress

Physical Progress

Description	Total Qty	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Distribution system(in m)	37594	-	-	-	-	16791	11577	28368
Conveying Main (in m)	22355	-	-	-	-	3548	3525	7073
OHT (4 nos)	100%	-	-	-	-	28%	10%	38%
UGT (3nos)	100%	-	-	-	-	58%	10%	68%
Pump house (3nos)	100%	-	-	-	-	10%	26%	36%

Financial Progress (in lakhs)

Description	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Total Funds Received	-	-	-	500.00	350.00	1000.00	1850.00
Expenditure	-	-	-	-	675.73	442.31	1118.04



PROVIDING COMPREHENSIVE WATER SUPPLY SCHEME TO SHOLINGANALLUR - KARAPAKKAM, DIVISION 197 & 198, CHENNAI CITY-WSS

Population - 1.20 Lakhs

Streets - 472

G.O.(Ms) No.94, MA & WS (MC.I) Dept., dated 14.10.2012

Source	% of Project cost	Amount (in lakhs)
CMCDM 2012-13	93%	3320
TUFIDCO Loan	7%	250
Total	100%	3570

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
3570	2759	24	21.05.2013	12.09.2013	Work in progress

Physical Progress

Description	Total Qty	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Water Distribution Mains (m)	114451	-	-	-	-	30601	49992	80593
Feeder Mains (m)	2170	-	-	-	-	519	634	1153
Construction of UGT(1 No.)	100%	-	-	-	-	1%	93%	94%
Construction of OHT (2 Nos.)	100%	-	-	-	-	1%	37%	38%

Financial Progress (in lakhs)

Description	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Total Funds Received	-	-	-	-	13243.00	11114.00	24357.00
Expenditure	-	-	-	-	1469.00	839.82	2308.82

PROVIDING COMPREHENSIVE WATER SUPPLY SCHEME TO PALLIKARANAI-WSS

Population - 1.51 Lakhs

Streets - 501

G.O.(D) No.117/118, MA & WS (MA2) Dept., dated 27.03.2014

Source	% of Project cost	Amount (in lakhs)
JNNURM	50%	1839.07
CMCDM 2013-14	50%	1839.06
Total	100%	3678.13

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
4282	3664	24	04.03.2014	15.05.2014	Work in progress

Physical Progress

Description	Total Qty	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Water Distribution Mains (m)	89018	-	-	-	-	-	1870	1870
Conveying main & Feeder Mains (m)	1557	-	-	-	-	-	-	-
Pump house (2 Nos.)	100%	-	-	-	-	-	-	-
Construction of OHT (2 Nos.) 100%	-	-	-	-	-	-	-	-
Construction of UGT (2 Nos.)100%	-	-	-	-	-	15%	15%	-

Financial Progress (in lakhs)

Description	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Total Funds Received	-	-	-	-	-	-	-
Expenditure	-	-	-	-	-	4055.00	4055.00
						685.31	685.31



PROVIDING COMPREHENSIVE WATER SUPPLY SCHEME TO MUGALIVAKKAM-WSS

Population - 0.87 Lakhs

Streets - 375

G.O.(D) No.117/118, MA & WS (MA2) Dept., dated 27.03.2014

Source	% of Project cost	Amount (in lakhs)
JNNURM	50%	1451.87
CMCDM 2013-14	50%	1451.86
Total	100%	2903.73

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
3137	2954	24	04.03.2014	15.05.2014	Work in progress

Physical Progress

Description	Total Qty	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Water Distribution Mains (m)	63951	-	-	-	-	-	3101	3101
Conveying main & Feeder Mains (m)	2350	-	-	-	-	-	-	-
Pump house (2 Nos.)	100%	-	-	-	-	-	-	-
Construction of OHT (2 Nos.)	100%	-	-	-	-	-	1%	1%
Construction of UGT (2 Nos.)	100%	-	-	-	-	-	2%	2%

Financial Progress (in lakhs)

Description	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Total Funds Received	-	-	-	-		4055.00	4055.00
Expenditure	-	-	-	-		117.96	117.96

COMPREHENSIVE SEWERAGE SCHEME TO SRIPERUMBUDUR TOWN PANCHAYAT

Population - 2.83 Lakhs

Streets - 322

G.O.No. 180/2012, dated 19.06.2012, Revised G.O.No. 184/2014, dated 16.05.2014

Source	% of Project cost	Amount (in lakhs)
GOI	80%	4498
GoTN	10%	2562
Local Body	10%	651
Total	100%	7711

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
4740	3352.36	16	08.03.2013	27.03.2013	Work in progress

Physical Progress

Description	Total Qty	2009-2010	2010-2011	2011-2012	2012-2013	2013 - 2014	2014 - 2015	Cumulative
Sewer Line(m)	55605	-	-	-	-	20185	13924	34109
Manholes (Nos.)	2126	-	-	-	-	1277	271	1548
Pumping Main (m)	12920	-	-	-	-	2802	2071	4873
Pumping Stations (5 Nos.)100%	-	-	-	-	25%	24%	49%	

Financial Progress (in lakhs)

Description	2009-2010	2010-2011	2011-2012	2012-2013	2013 - 2014	2014 - 2015	Cumulative
Total Funds Received	-	-	-	500.00	1750.00	2000.00	4250.00
Expenditure	-	-	-	335.23	1853.70	709.17	2898.10



**PROVIDING COMPREHENSIVE SEWERAGE SCHEME TO SHOLINGANALLUR -
KARAPAKKAM, DIVISION 197 & 198, CHENNAI CITY-UGSS**

Population - 1.20Lakhs

Streets - 472

G.O.(Ms) No.94, MA & WS (MC.I) Dept., dated 14.10.2012

Source	% of Project cost	Amount (in lakhs)
CMCDM 2012-13	80.0%	8872
TUFIDCO Loan	20.0%	2218
Total	100%	11090

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
11090	8726	30	21.05.2013	12.09.2013	Work in progress

Physical Progress

Description	Total Qty	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Sewer gravity Main (m)	103003	-	-	-	-	16334	44413	60747
Manholes (nos)	4090	-	-	-	-	788	1680	2468
Sewer pumping Main (m)	12102	-	-	-	-	2437	4370	6807
Construction of sewage pumping stations (9 Nos.)	100%	-	-	-	-	5%	43%	48%

Financial Progress (in lakhs)

Description	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Total Funds Received	-	-	-	-	13243.00	11114.00	24357.00
Expenditure	-	-	-	-	5240	1251.06	6491.06



PROVIDING WATER SUPPLY AND SEWERAGE INFRASTRUCTURE ALONG IT CORRIDOR FROM KOTTIVAKKAM TO KELAMBAKKAM - JNNURM

Population - 6,41,000

Streets - 12

Sub - Urban nodes

G.O. (D) No.106, MA & WS Dt. : 13.03.2007.

Year	Source	% of Project cost	Amount (In lakhs)
	Gol	35%	1462.00
	GoTn	15%	626.00
Base 2006	Loan TUFIDCO	25%	1044.50
Intermediate 2021	Own Contribution	25%	1044.50
Ultimate 2036	Total	100%	4177.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
4785.00	4177.00	6 to 12	24.03.2007	23.04.2007	31.12.2013

Physical Progress

Description	Total Qty	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	Cumulative
Water conveying main in (m)	34140	24595	6340	3205	-	-	34140
Water Distribution main in (m)	34000	8140	9804	4356	11700	-	34000
Sewer collection main in (m)	33180	17173	4087	10821	1099	-	33180
Sewer pumping main in (m)	12433	-	-	7469	4664	300	12433
Construction of Head works (1 No.)	100%	-	100%	-	-	-	100%
Construction of STP (2 Nos.)	100%	-	-	-	-	-	-

Financial Progress (in lakhs)

Description	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	Cumulative
Funds Received	905.22	783.22	728.32	78.60	15.77	2511.13
Expenditure	1500.11	1134.74	818.71	297.00	41.96	3792.52



MEENAMBAKKAM UNDERGROUND SEWERAGE SCHEME

Population - 14,629 (year 2044) Streets - 16

Fund : Chennai Mega City Development Mission (2011 - 2012)

G.O. (D) No.31, MA & WS Department, Dt. 07.02.2012

Source	% of Project cost	Amount (in lakhs)
GoTn	100%	522
TOTAL	100%	522

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Expected Date of completion
522	222.97	12	07.09.2012	28.11.2012	30.04.2015

Physical Progress

Description	Total Qty	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Sewer Line (m)1779	733.3	983.7	62	1779	
Manholes (Nos.)88	53	35	-	88	
Pumping main (m)	2680	-	2134	546	2680
Pumping station (1 no.)	100%	-	4%	96%	100%

Financial Progress (in lakhs)

Description	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Funds Received	-	2817.00	7136.00	-	9953.00
Expenditure	24.50	195.92	77.12	87.82	385.36



MADURAVOYAL UNDERGROUND SEWERAGE SCHME - JNNURM

Population - 1,31,200

Streets - 740

G.O. No.2 (D)47, Dt. : 02.06.2009, Rs.5745 Lakhs.

Year	Source	% of Project cost	Amount (in lakhs)
	GoI	35%	2010.93
Base 2008	GoTn	15%	861.80
Intermediate 2023	Local Body	50%	2872.75
Ultimate 2038	Total	100%	5745.48

Package	Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
I	3125.00	2177.28	24	28.07.10	15.09.10	Under Progress
II	2971.00	2514.39	24	18.09.09	05.11.09	Under Progress

Physical Progress

Description	Total Qty	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Collection Line in (m)	83924	4700	13600	21392	23881	15599	3793	82965
Manholes in (no)	3311	260	663	931	893	490	29	3266
House Service Connection in (no)	12400	-	1206	2810	3859	3236	1194	12305
Pumping main in (m)	10700	-	1723	1242	2678	3978	1006	10627
Pumping Station in (no)	6	-	16%	7%	28%	32%	10%	93%

Financial Progress (in lakhs)

Description	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	400.00	350.00	300.00	1293.28	-	2237.06	4580.34
Expenditure	64.85	762.56	441.26	1740.00	304.35	700.47	4013.49



IT CORRIDOR (14 PUMPING STATION) UNDERGROUND SEWERAGE SCHEME - INFRASTRUCTURE & AMENITIES FUND

Population - 6,41,000

Sub-urban nodes - 12

G.O. No.(D) No.255, MAWS, Dt. : 22.10.2010.

Source	% of Project cost	Amount (in lakhs)
GOI	35%	982.00
GoTN	15%	420.00
Infrastructure and basic amenities	50%	1402.50
Total	100%	2804.50

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
2656	2875	18	20.09.2010	24.10.2010	18.2.2014

Physical Progress

Description	Total Qty	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	Cumulative
Sewer gravity (m)	16120	120	1780	1392	576	3868
Sewer pumping main (m)	8627	-	2509	633	697	3839
Construction of 14 nos. Sewage pumping stations	100%	-	10.60%	27.90%	0%	38.50%

Financial Progress (in lakhs)

Description	2010- 2011	2011- 2012	2012- 2013	2013- 2014	Cumulative
Funds Received	550.00	-	-	852.50	1402.50
Expenditure	115.94	367.03	239.49	3.42	725.58



PORUR UNDERGROUND SEWERAGE SCHEME - JNNURM

G.O. No.2 (2D) 66, Dt. : 20.07.2009, Rs.3829 Lakhs

Year	Source	% of Project cost	Amount (in lakhs)
	Gol	35%	1340.15
Base 2008	GoTn	15%	574.35
Intermediate 2023	Local Body	50%	1914.50
Ultimate 2038	Total	100%	3829.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
4087	3442.31	24	21.06.10	16.09.10	Under Progress

Physical Progress

Description	Total Qty	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Collection Line in (m)	60440	6090	9751	9007	15765	10471	51084
Manholes in (no)	2223	333	595	255	536	277	1996
House service connection in (no)	13338	265	1172	351	1896	730	4414
Pumping main in (m)	4107	-	-	1688	1115	904	3707
Pumping Station in (no)	4	5%	16.5%	5.5%	44%	24%	95%

Financial Progress (in lakhs)

Description	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	Cumulative
Funds Received	628.00	50.00	823.23	0.00	1577.50	3078.73
Expenditure	150.00	553.54	587.89	530.54	910.31	2732.28



OKKIAM THORAIPAKKAM UNDERGROUND SEWERAGE SCHEME
(DEPOSIT WORK) - TNSCB

Population - 41,211

Board Resolution No.23 / 2012

Source	% of Project cost	Amount (in Lakhs)
TNSCB	100%	213
TOTAL	100%	213

Estimate Value (in Lakhs)	Contract Value (in Lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Expected Date of completion
213	176	6	12.04.2012	20.06.2012	30.04.2014

Physical Progress

Description	Total Qty	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Sewer Line SWP (m)	6147	3432	2715	-	6147
Sewer Line CI (m)	680	110	558	12	680
Manholes in (no)	290	224	65	1	290

Financial Progress (in lakhs)

Description	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Funds Received	213.00	-	-	213.00
Expenditure	34.90	92.93	76.04	203.87

AMBATTUR UNDERGROUND SEWERAGE SCHEME - PHASE - III - JNNURM

Population - 2,57,319

Streets - 1100

G.O. (2D) No.81, MA & WS Dept, Dt. : 22.05.2008, Rs.13091 Lakhs.

Year	Source	% of Project cost	Amount (in lakhs)
	GoI	35%	4581.85
Base 2009	GoTn	15%	1963.65
Intermediate 2024	Local Body	50%	6545.50
Ultimate 2039	Total	100%	13091.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
15522	12384	24	29.06.2009	16.09.2009	31.03.2014

Physical Progress

Description	Total Qty	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Collection System in (m)	180879	16634	20338	28760	34460	15649	7445	123286
Manholes in (no)	6860	718	1183	1668	1260	304	157	5290
Pumping main in (m)	41160	710	2100	2982	13896	3033	81	22802
House Service Connection in (no)	33422	138	3331	9020	0	1413	401	10635
Pumping Station (18 nos.)100%	2%	13%	15%	6.90%	57%	1%	95%	

Financial Progress (in lakhs)

Description	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	350.00	1500.00	2200.00	2341.01	-	2613.73	9004.74
Expenditure	506.67	2045.93	1295.72	2648.68	1624.68	1373.61	9495.29



AMBATTUR UNDERGROUND SEWERAGE SCHEME - PHASE I - TNUDP III

(Balance Works)

Population - 1,44,700 Streets - 597

G.O. No.132, Dt. : 28.02.2011,

Year	Source	% of Project cost	Amount (in lakhs)
	TNUDP Loan		2715
Base 2007	Grant Fund		1000
Intermediate 2022	ULB Contribution		2860
Ultimate 2037	Total	100%	6575

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Expected Date of completion
3586	4131	24	15.07.10	20.07.10	Under Progress

Physical Progress

Description	Total Qty	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Collection Line in (m)	79734	6300	29700	30388	8588	2686	77662
Manholes in (no)	2800	590	1100	1033	34	25	2782
Pumping main in (m)	13680	220	2900	3045	442	6863	13470
House service connection in (no)	10500	825	3023	4159	1568	57	9631
Pumping Station (12 nos.) (5 SPS & 7 LS)	100%	5%	35%	56%	4%	0%	100%

Financial Progress (in lakhs)

Description	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	1300.00	-	-	4925.00	250.00	6475.00
Expenditure	135.14	1097.64	1759.80	692.67	876.71	4561.96



ULLAGARAM PUZHUTHIVAKKAM UNDERGROUND SEWERAGE SCHEME - JNNURM

Population - 1,09,789

Streets - 497

G.O. (2D) No.70, (MA & WS) Dt. : 07.05.2008, Rs.2808.05 Lakhs

Year	Source	% of Project cost	Amount (in lakhs)
	GoI	35%	982.82
Base 2008	GoTN	15%	421.20
Intermediate 2023	Local Body	50%	1404.03
Ultimate 2038	Total	100%	2808.05

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Expected Date of completion
3401	2780.13	24	07.12.10	24.01.2011	Work in Progress

Physical Progress

Description	Total Qty	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Sewer Line in (m)	69984	1459	18241	22315	16870	5511	64396
Manholes in (no)	2491	192	862	700	471	140	2365
Pumping main in (m)	9540	-	2301	3443	1531	612	7887
Pumping Station (3 nos.)	100%	3%	25%	27%	20%	8%	82%

Financial Progress (in lakhs)

Description	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	142.50	208.50	-	947.42	-	556.59	334.99	2190.00
Expenditure	-	-	247.00	432.08	599.31	689.88	215.65	2183.92



PERUNGUDI UNDERGROUND SEWERAGE SCHEME - JNNURM

Population - 1,59,507

Streets - 263

G.O. (D) No.544, (MA & WS) Dt. : 24.12.2009, Rs.2019.24 Lakhs

Year	Source	% of Project cost	Amount (in lakhs)
	Gol	35%	706.73
Base 2010	GoTN	15%	302.89
Intermediate 2025	Local Body	50%	1009.62
Ultimate 2040	Total	100%	2019.24

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
2072.00	2195.04	24	20.09.10	24.11.2010	Work in Progress

Physical Progress

Description	Total Qty	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Sewer Line in (m)	41800	2510	16170	7975	3682	3515	33852
Manholes in (no)	1757	240	672	299	127	139	1477
Pumping main in (m)	1140	-	776	150	50	-	976
Pumping Station (3 nos.)	100%	-	19%	16%	7%	23%	65%

Financial Progress (in lakhs)

Description	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	252.40	-	-	903.82	30.31	-	327.47	1514.00
Expenditure	-	-	149.00	341.02	372.90	98.65	154.66	1116.23



PALLIKARANAI UNDERGROUND SEWERAGE SCHEME - JNNURM

Population - 2,14,156

Streets - 681

G.O. (D) No.544, (MA & WS) Dt. : 24.12.2009, Rs.5861.00 Lakhs

Year	Source	% of Project cost	Amount (in lakhs)
	Gol	35%	2051.35
Base 2010	GoTN	15%	879.15
Intermediate 2025	Local Body	50%	2930.50
Ultimate 2040	Total	100%	5861.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
5253	4611.68	24	07.12.2010	11.02.2011	Work in Progress

Physical Progress

Description	Total Qty	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Sewer Line in (m)	92937	198	37631	31568	10639	9343	89379
Manholes in (no)	3571	105	1782	1061	391	145	3484
Pumping main in (m)	14396	-	1679	7060	1604	1633	11976
Pumping Station (4 nos.)	100%	-	15%	57%	6%	11%	89%

Financial Progress (in lakhs)

Description	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	512.00	-	673.54	1648.68	660.10	-	1021.50	4615.82
Expenditure	-	-	461.00	611.62	1698.38	1841.81	179.91	4792.72



THIRUVOTTIYUR UNDERGROUND SEWERAGE SCHEME - TNUDP III
Population - 3,31,000 Streets - 372

G.O. (D) No.557, Dt. : 31.12.2009 under TNUDP - III Fund.

Revised G.O. M.S. No.12,WS - 2 (MA & WS) Dt. 28.01.2013

Year	Source	% of Project cost	Amount (in lakhs)
	TNUDP - III Loan	8.9%	781.00
	Grant by TNUDF	3.4%	300.00
Base 2002	Local Body Contribution & Public Contribution	8.2%	719.00
Intermediate 2017	Additional Grant	79.5%	5263.00
Ultimate 2032	Total	100%	6763.00

Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Expected Date of completion
6128	5475.00	15 to 24	02.03.07	08.05.07	Under Progress

Physical Progress

Description	Total Qty.	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Collection System in (m)	68542	15326	13144	16995	8996	5437	4093	1205	1722	66918
Pumping main in (m)	8220	-	-	-	-	2055	1015	3650	1500	8220
Manholes in (no)	2609	723	520	721	347	187	22	54	19	2593
House service connection in (no)	62019	4030	10754	17154	17321	8132	767	-	-	58158
Pumping Station (12 nos.)	100%	27%	13%	3%	3%	2%	20%	-	10.33%	78.00%
STP	100%	-	-	-	-	-	18%	37%	36.71%	91.71%

Financial Progress (in lakhs)

Description	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	400.00	250.00	520.00	852.00	280.00	-	963	412.64	3677.64
Expenditure	267.63	245.46	418.54	540.11	974.90	372.54	801.92	778.17	4399.27

MADHAVARAM UNDERGROUND SEWERAGE SCHEME - TNUDP

Population - 1,25,000

Streets - 498

G.O. (D) No.132, Dt. : 28.02.2011, Rs.5022 Lakhs

Year	Source	% of Project cost	Amount (in lakhs)
	Loan from TNUDF	25.47%	1279
Base 2008	Loan from Grant Fund	60.73%	3050
Intermediate 2023	ULB Contribution	13.80%	693
Ultimate 2038	Total	100%	5022

Package	Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
1	5022	4133	24	12.01.09	03.03.09	21.02.14

Physical Progress

Description	Total Qty	2009-2010	2010-2011	2011-2012	2012-2013	2013 - 2014	2014 - 2015	Cumulative
Sewer Line in (m)	82421	14148	19970	30240	13856	4192	-	82421
Manholes in (no)	2983	507	845	1227	326	78	-	2983
Pumping main in(m)	7954	-	1803	4677	577	897	-	7954
Pumping Station (6 nos.)100%	7%	13%	45%	24%	11%	-	100%	

Financial Progress (in Lakhs)

Description	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	20.00	870.00	438.77	700.00	-	2277.50	180.00	4486.27
Expenditure	2.98	320.87	926.69	1236.53	1239.90	985.87	518.51	5231.35



AVADI UNDERGROUND SEWERAGE SCHEME - JNNURM

Population - 4,29,000

Streets - 1713

G.O. (D) No.62, Dt. : 12.04.2008, Rs.15805.00 Lakhs

Year	Source	% of Project cost	Amount (in lakhs)
	GoI	35%	5531.89
Base 2008	GoTN	15%	2370.81
Intermediate 2023	Local Body	50%	7902.71
Ultimate 2038	Total	100%	15805.41

Package	Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
I	15805.41	17352.00	30	31.12.08	24.02.09	Under Progress

Physical Progress

Description	Total Qty	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Sewer Line	292581	69839	46444	82809	72618	15139	5519	292368
Manholes in (no)	10796	3113	1539	3137	2305	542	157	10793
Pumping main in(m)	34666	3070	7343	8522	8766	6795	170	34666
Pumping Station (19 nos.)100%	19%	28%	19%	17%	14%	1%	98%	
STP (2 Nos.)	100%	-	-	-	25%	6%	7%	38%

Financial Progress (in lakhs)

Description	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	2095.00	3050.00	3100.00	3017.49	1766.82	933.18	13962.49
Expenditure	1822.49	3295.86	2291.65	4349.00	1018.93	1880.64	14658.57



THIRUMAZHISAI UNDERGROUND SEWERAGE SCHEME - JNNURM

Population - 37,264

Streets - 111

G.O. (D) No.544, MA & WS (Tp2) Dept., Dt. : 24.12.2009, Rs.2047.32 Lakhs

Year	Source	% of Project cost	Amount (in lakhs)
	GoI	35%	716.56
Base 2010	GoTN	15%	307.10
Intermediate 2025	Local Body	50%	1023.66
Ultimate 2040	Total	100%	2047.32

Package	Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
I	1952	1624.33	24	30.12.09	15.02.10	15.03.15

Physical Progress

Description	Total Qty	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Sewer Line (m)	26015	11910	4763	7797	1545	-	26015
Manholes in (no)	1029	620	168	229	12	-	1029
Pumping main in(m)	2195	292	299	1350	254	-	2195
Pumping Station (4 nos.)	100%	42%	25.5%	23.3%	9.20%	0.00	100%
STP (1 no.)	100%	0%	27.5%	46.5%	16%	10%	100%

Financial Progress (in Lakhs)

Description	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	300.00	350.00	270.00	296.25	279.83	468.92	1965.00
Expenditure	168.18	527.58	214.34	330.94	255.04	199.60	1695.68

TAMBARAM UNDERGROUND SEWERAGE SCHEME - JNNURM

Population - 3,61,000

Streets - 995

G.O. No.80, MA & WS Dept., Dt. : 28.05.2009, Rs.16097 Lakhs

Year	Source	% of Project cost	Amount (in lakhs)
	Gol	35%	5634
Base 2010	GoTN	15%	2414
Intermediate 2025	Local Body	50%	8049
Ultimate 2040	Total	100%	16097

Package	Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Expected Date of completion
1	17424	14464	24	30.09.09	11.12.09	Work in Progress

Physical Progress

Description	Total Qty	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Sewer Line in (m)	168384	6793	48862	26661	13773	14132	8611	118832
Manholes in (no.)	6767	474	3188	1009	223	304	169	5367
Pumping main in(m)	24540	-	4939	2165	3786	4979	1309	17178
Pumping Station (17 nos.)100%	-	24%	13%	3.41%	11%	14%	65%	

Financial Progress (in lakhs)

Description	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	100.00	1960.00	1022.00	2299.00	2160.21	2100.19	9641.40
Expenditure	114.03	2015.17	1138.77	1681.03	688.31	1927.71	7565.02



KOYAMBEDU 120 MLD SEWERAGE TREATMENT PLANT - JNNURM

G.O. M.S. No.188, MA & WS Department, Dt : 08.12.2011

Beneficiaries

Chennai City (West) Zone III	-	150.31 MLD
Maduravoyal	-	10.79 MLD
Ambattur Part	-	38.57 MLD
Nerkundram	-	9.38 MLD
Nolambur	-	4.60 MLD
Total	-	213.65 MLD

Existing Plant capacity 94 MLD, Balance requirement 119.65 MLD or Say 120 MLD

Year	Source	% of Project cost	Amount (in lakhs)
	Gol	35%	4063.50
Base 2010	GoTN	15%	1741.50
Intermediate 2025	Local Body	50%	5805.00
Ultimate 2040	Total	100%	11610.00

Package	Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Date of completion
I	11610	7670.71	27	18.05.2012	15.06.2012	Sept. 2014

Physical Progress

Description	Total Qty	2012-2013	2013 - 2014	2014 - 2015	Cumulative
Civil Works	100	15%	68.33%	15.17%	99%

Financial Progress (in Lakhs)

Description	2012-2013	2013 - 2014	2014 - 2015	Cumulative
Funds Received	1451.12	4706.90	1816.97	7974.99
Expenditure	1078.89	5002.93	2576.04	8657.86



SHOLINGANALLUR 18 MLD SEWERAGE TREATMENT PLANT - JNNURM

Beneficiaries

Sholinganallur and Karapakkam	- 8.44 MLD
IT Corridor	- 6.00 MLD
Pallikaranai	- 10.72 MLD

Expected Sewerage generation 2029 - 25.16 MLD

G.O. M.S. No.257, MA & WS Department, Dt. : 22.10.2010

Source	% of Project cost	Amount (in lakhs)
GOI	17.0 %	463
GoTN	7.25 %	198
I & A	51.5%	1408
Local Body	24.3%	662
Total	100%	2731

Package	Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Expected Date of completion
I	3371	1770	24	14.12.11	10.05.12	Work in Progress

Physical Progress

Description	Total Qty	2012-2013	2013-2014	2014-2015	Cumulative
Construction of STP	100%	5%	18%	27%	50%

Financial Progress (in Lakhs)

Description	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Cumulative
Funds Received	463.00	198.00	-	464.00	464.00	1589.00
Expenditure	10.06	5.86	2.25	261.78	364.45	644.40

NESAPAKKAM STP - JNNURM

Beneficiaries

Part of South West Chennai

Valasaravakkam, Porur, Mugalivakkam,

Manapakkam, Nandampakkam, Ramavaram

G.O. No.171, Dt. : 23.09.2007

Source	% of Project cost	Amount (in lakhs)
GOI	35 %	1909.95
GoTN	15 %	818.55
Local Body	50 %	2728.50
Total	100 %	5457.00

Package	Estimate Value (in lakhs)	Contract Value (in lakhs)	Contract Period (in months)	Date of Award	Date of Commencement	Expected Date of completion
I	5857	4843.52	24	29.09.09	21.12.2009	24.03.2011

Physical Progress

Description	Total Qty	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013 - 2014	2014 - 2015	Cumulative
Construction of STP	100%	8%	34%	42%	8.5%	-	-	92.5%

Financial Progress (in Lakhs)

Description	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	Cumulative
Funds Received	682.64	731.34	1211.73	1330.34	237.25	-	4193.30
Expenditure	153.04	1328.60	1921.63	552.74	237.25	-	4193.30



KODUNGAIYUR SEWAGE TREATMENT PLANT

The Sewage Treatment Plant at Kodungaiyur is located on the northern periphery of Chennai. The sewage received from North Chennai and part of Central Chennai is being treated as per Pollution Control Board norms in the 3 **sewage treatment plant viz.**, Zone I (80 MLD), Zone II (80 MLD) and 110 MLD plant. About 200 ML of sewage is being received from 92 sewage pumping stations of north and part of Central Chennai for Treatment daily. Whereas on an average about 165 to 170 ML of raw sewage is treated in the above mentioned 3 numbers of treatment. The balance quantity of 30 to 35 MLD is left in the Buckingham canal without treatment. Out of 35 MLD (i.e) from Tondiarpet 'F' (34 MLD) is left in the Buckingham canal due to pipeline leak under the Vaidyanathan Bridge which is being attended, Krishnamurthy Nagar (0.4 MLD) and Rajarathinam Nagar (0.6 MLD) is left in the Kodungaiyur Canal due to disconnection of pipeline.

ANNEXURE - I

REVENUE COLLECTION OF SECONDARY TREATED SEWAGE SUPPLIED TO INDUSTRIES FOR THE YEAR 2013 - 14

S. No.	Month	Rate/ KL Rs.	M/s. CPCL		M/s. MPL		M/s. MFL		Total qty. KL	Total Amount Rs. in lakhs
			Quantity KL	Amount in Lakhs	Quantity KL	Amount in Lakhs	Quantity KL	Amount in Lakhs		
1	Apr. - 13	11.30	579615	65.50	36906	4.17	2,89,907	32.76	906428	102.43
2	May - 13	11.30	598936	67.68	35309	3.99	2,99,666	33.86	933911	105.53
3	Jun. - 13	11.90	579615	72.57	34170	4.28	2,90,478	36.36	904263	113.21
4	July - 13	11.90	598935.50	71.27	42721	5.08	3,03,998	36.18	945654.50	112.53
5	Aug. - 13	11.90	619460	73.72	35309	4.20	3,04,900	36.28	959669	114.20
6	Sep. - 13	11.90	589360	70.13	34170	4.07	2,97,900	35.45	921430	109.65
7	Oct. - 13	11.90	549933	65.44	39953	4.75	3,11,800	37.10	901686	107.30
8	Nov. - 13	11.90	579615	68.97	34170	4.07	3,03,400	36.10	917185	109.15
9	Dec. - 13	11.90	522508	62.18	35309	4.20	3,05,700	36.38	863517	102.76
10	Jan. - 14	11.90	598936	71.27	35309	4.20	2,99,630	35.66	933875	111.13
11	Feb. - 14	11.90	540974	64.38	32628	3.88	2,71,970	32.36	845572	100.62
12	Mar. - 14	11.90	598936	71.27	36448	4.34	1,06,700	12.70	742084	88.31
Total			6956823.50	824.38	432402	51.23	3386049	401.20	10775274.50	1,276.82

ANNEXURE - II

THE YEARLY INCOME FROM SALE OF SECONDARY TREATED EFFLUENT TO VARIOUS INDUSTRIES

Year	Income (Rs. in Lakhs)
2000-01	420.41
2001-02	485.82
2002-03	514.04
2003-04	577.61
2004-05	710.32
2005-06	603.83
2006-07	692.18
2007-08	941.91
2008-09	1073.02
2009-10	1206.57
2010-11	1331.5
2011-12	1328.42
2012-13	1266.23
2013-14	1276.82
TOTAL	12428.68

ANNEXURE - III

POWER PRODUCTS FROM BIO-GAS ENGINE IN 110 MLD STP AT KODUNGAIYUR DURING THE YEAR 2013-14

Month of Operation	Power Consumption by using Bio Gas engine in KWH	TNEB Rate per NWhr in Rs.	Total cost savings from BGE in (Rs. in lakhs)
April - 13	373800	4.50	16.82
May - 13	349800	4.50	15.74
June - 13	394900	4.50	17.77
July - 13	350800	4.50	15.79
August - 13	412000	4.50	18.54
Sep - 13	391000	4.50	17.60
Oct - 13	414900	4.50	18.67
Nov - 13	405300	4.50	18.24
Dec - 13	315900	4.50	14.22
Jan - 14	386100	4.50	17.37
Feb - 14	371600	4.50	16.72
Mar - 14	418900	4.50	18.85
Total	4585000		206.33

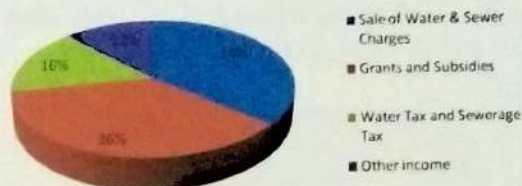
FINANCE

FINANCIAL RESULTS:

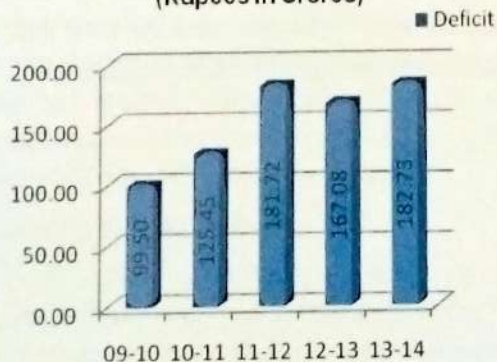
The expansion of Chennai City Corporation which resulted in increase in service area of the board during the year and substantial increases in employee expenditure and Operation and Maintenance expenditure are the reasons for incurring deficit by the Board for the nine consecutive years. The total income during the year has been to the order of Rs. 714.85 Crores and the expenditure was Rs. 897.57 Crores, resulting in a net deficit of Rs. 182.73 Crores against the deficit of Rs. 167.08 Crores during the previous year (2012-13). The Board has made efforts to maintain the quantum of water supplied due to failure of monsoon during the year due to which it had to incur additional expenses in maintaining the supply line and also to meet the needs of expanded areas under Chennai City.

Out of total revenue, whereas the greater share is attributable to water charges as of the previous year, the operation and maintenance expenditure remained the larger component of revenue expenditure due to the expansion of Chennai City. The employee cost remained as the second main component of revenue expenditure as the Board continues to accord high priority to employee's welfare.

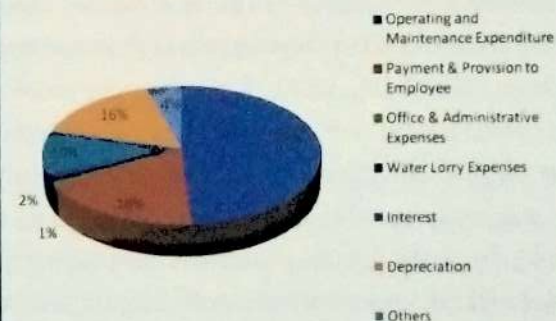
**Components of Revenue Income
2013-14**



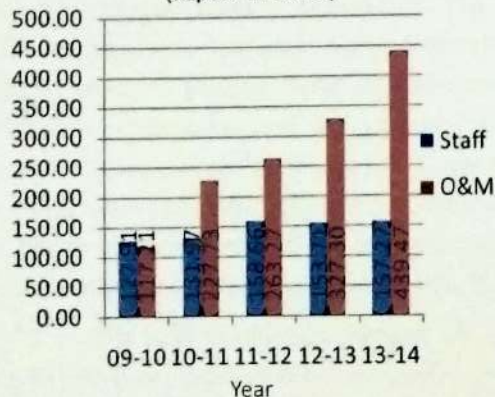
**Net Deficit for Five Years
(Rupees in Crores)**



**Components of Revenue Expenditure
2013-14**



**Staff and O&M for Five Years
(Rupees in Crores)**



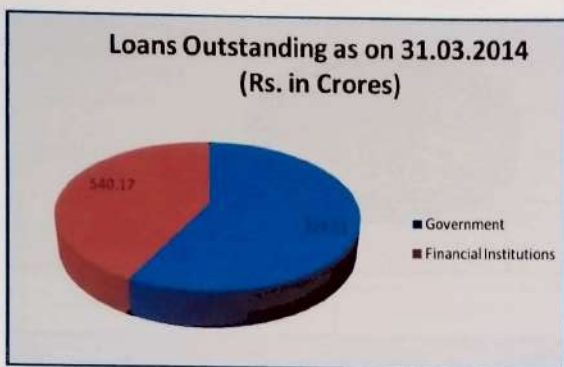
CASH MANAGEMENT:

Cash Management remained a quite heartening feature this year as well. Considering the unprecedented drought, the collection of receivables was quite satisfactory. These achievements could be possible because of the steps taken by the board to streamline the billing and collection systems further.

PROJECT FINANCING:

Satisfying the growing needs of its consumers in respect of water supply and waste water disposal services is the statutory objective of this Board. In order to cater the needs of expanded areas, the Board has already taken up several developmental works on a massive scale.

Financing all future projects with least cost upper most challenge before the Board. The Board has to heavily depend upon borrowed capital for financing its various projects to provide valuable services to the public.



The source of finance for the Board is in the form of Government loans and Loans from Institutions. With a view to identify the funding sources that best suited to the Board's project financing needs, cost of borrowings are analyzed on a regular basis and decisions taken. As a result of this, we were able to take some of the least cost funding sources. Many of the financial institutions have evinced keen interest in providing assistance to the Board. During the year TUFIDCO was the Major provider of financial assistance to the Board as of past years.

BILLING AND COLLECTION:

The major sources of revenue to the Board are by way of water and sewerage tax and water and sewerage charges. The water and sewerage tax is levied @7% of the annual value fixed by Corporation of Chennai. As and when the annual value of the properties is revised, the tax base for CMWSS Board also increases. The annual demand by way of water and sewerage tax for 2013-14 is Rs.111.42 Crores.

A sound tariff policy is the back bone for any viable financial management system. The consumers have been classified as (i) Domestic, (ii) Partly Commercial (iii) Commercial – Non water intensive and Water intensive, (iv) Institutional and (v) Municipal Bulk Supply a charge appropriate tariff for different categories of consumers. The annual demand by way of water and sewerage charges for 2013-14 is Rs. 260.99 Crores. For maximum revenue mobilization, all efforts are taken to increase efficiency and collection performance and to streamline the billing and collection machinery.



AUDITOR'S REPORT

S. VENKATRAM & CO
CHARTERED ACCOUNTANTS

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AUDITOR'S REPORT TO THE BOARD OF DIRECTORS OF CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD

Report on the Financial Statements

1. We have audited the accompanying financial statements of **Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB)**, which comprise the Balance Sheet as at March 31, 2014 and the Income and Expenditure Account, for the year ended on that date and the Schedules annexed thereto, a summary of Significant Accounting Policies and Notes on Accounts.

Management's Responsibility for the Financial Statements

2. Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance of CMWSSB in accordance with the accounting principles generally accepted in India, the Accounting Standards and CMWSSB Act 1978. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error. In making those risk assessments, the management has implemented such internal control that are relevant to the preparation of Financial Statements and designed procedures that are appropriate in the circumstances so that the internal control with regard to all the activities of the Board are effective.

Auditor's Responsibility

3. Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

4. An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to CMWSSB's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of CMWSSB's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

5. We have taken into account the provisions of the accounting and auditing standards and matters which are required to be included in the audit report.



6. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a **Basis for Qualified Opinion.**

Attention is invited to the following:

1. Schedule Q - Notes on Balance Sheet - Note No. I - 3b - regarding non recognition of gain on sale of Land to CMRL of Rs.90.34 Crores in Income and Expenditure account for the year ended 31st March 2013 with resultant understatement of Income and overstatement of Excess of Expenditure over income for the year ended 31st March, 2014, and overstatement of Contribution and Accumulated Deficit as of 31st March 2014.
2. a) Schedule Q - Notes on Balance Sheet - Note No. II - 1c - Grants from Government- JNNURM- regarding maintenance of single bank account for all Capital Grants as against the JNNURM guidelines and in violation of AS 12 (Accounting for Government Grants) issued by the ICAI.
b) Schedule Q - Notes on Balance Sheet - Note No. II - 1 f- ii - Grants from Government relating to the sum of Rs. 29.93 Crores received by way of ULB grants in the year 2014- 15 pertaining to the period from November 2013 to April 2014 which is reduced from ULB Grants Liability Account as at 31st March 2014 instead of accounting in Grants Receivable Account (Revenue Account), with resultant understatement of liability and asset for the like amount.
c) Schedule Q - Notes on Balance Sheet - Note No. II - 1 f- ii - Grants from Government relating to the sum of Rs. 29.93 Crores received by way of ULB grants in the year 2014- 15 pertaining to the period from November 2013 to April 2014 out of which the grant amount relating to April 2014 is not accounted as an outstanding income, the impact whereof on the accounts are not ascertainable.
d) Schedule Q - Notes on Balance Sheet - Note No. II - 1g-i- Grants from Government - regarding accounting of expenditure incurred out of Devolution Fund of Rs.210.31 Crores in the Income and Expenditure account instead of defraying the same from Fund balance, the impact whereof on the accounts are not ascertainable.
e) Schedule Q - Notes on Balance Sheet - Note No. II - 1g-ii - Grants from Government - regarding non accounting of Grants received for an amount of Rs.7.76 Crores for the months of February,2014 and March,2014 in violation of AS 4- Contingencies and Events occurring after the Balance Sheet date and AS 12- Accounting for Government Grants, issued by the Institute of Chartered Accountants of India(ICAI), with resultant understatement of liabilities under the head Grants from Government- Devolution Fund and Current Assets under the head Current Account with Scheduled Banks.
f) Schedule Q - Notes on Balance Sheet - Note No. II - 2 - Grants from Government, regarding treatment of Grant received from Government for Mega City Project and additional central assistance received under the project JNNURM, Desalination plant at Nemmeli and other projects during the current year aggregating to Rs. 369.49 Crores as Grants from Government instead of as Contribution as per Accounting Standard (AS) 12 (Revised) issued by the ICAI, with resultant overstatement of Grant Liability and understatement of Contribution.
3. a) Schedule Q - Notes on Balance Sheet - Note No. V - 2a,2b,2c and 2e- Other Liabilities- Others- regarding non reconciliation of balance outstanding in one GL account for Debit Balance of Rs.0.37 crores and in thirteen GL accounts for aggregate Credit Balance of Rs.105.26 crores, the impact whereof on the accounts are not ascertainable.
b) Schedule Q - Notes on Balance Sheet - Note No. V - 2f - Other liabilities- Others - regarding



non squaring off the sum of Rs. 62799/- relating to ESI payable to contract labour which is pending for a long time with resultant overstatement of Liabilities.

4. a) Schedule Q - Notes on Balance Sheet – Note No. VI – 1 – Fixed Assets – regarding non reconciliation of additions to Fixed Assets (PIP) made during the Financial Year 2013-14 as per the respective account codes in GL vis a vis the balances as per Project Department records, the impact whereof on the accounts are not ascertainable.
- b) Schedule Q - Notes on Balance Sheet – Note No. VI – 2 – Fixed Assets – regarding non reconciliation of balances outstanding under each head of PIP description as per respective account codes (Rs.3052.40 crores) vis a vis the balances outstanding in respective PIP description in Project Department records (Rs.3164.28 crores), the impact whereof on the accounts are not ascertainable.
- c) Schedule Q – Notes on Balance Sheet – Note No. VI – 3 – Fixed Assets – regarding non reconciliation of balances outstanding (Dr.) in Fixed Assets account and PIP account in six area offices for aggregate amount of Rs.4.51 crores and 0.16 crores respectively and balance outstanding (Cr.) in Fixed Assets account in one area office for Rs.2.47 Lakhs, the impact whereof on the accounts are not ascertainable.
- d) Schedule Q - Notes on Balance Sheet – Note No. VI – 7 – Fixed Assets – regarding non-provision of depreciation at an ad-hoc rate as per Accounting Policy of CMWSSB in the case of five hundred and thirty instances of PIPs for aggregate amount of Rs.348.30 Crores where there is no transaction in the account as well as no progress in the projects during the year 2012-13 and 2013-14, the impact whereof on the accounts are not ascertainable.
- e) Schedule Q – Notes on Balance Sheet – Note No. VI – 8 – Fixed Assets – regarding non transfer of ownership of certain Fixed Assets in the name of CMWSSB, with payment of monetary compensation to the real owners of the said assets which were used by few erstwhile LBs without ownership thereof, the impact whereof on the accounts are not ascertainable.
- f) Schedule Q - Notes on Balance Sheet – Note No. VI – 9 – Fixed Assets – regarding non write off of Fixed Assets under the head Drought Relief Works for Rs.107.85 Crores due to their probable outliving, with resultant over statement of Fixed Assets and understatement of Excess of Expenditure over income for the year ended 31st March 2014 and under statement of Accumulated Deficit as of 31st March 2014, for the like amount.
5. a) Schedule Q- Notes on Balance Sheet – Note No. VII – 1a- regarding non identification of Non Moving/Obsolete stock with required provision thereof, in the absence of Ageing Analysis of Inventory as of 31st March 2014, the impact whereof on the accounts is not ascertainable.
- b) Schedule Q- Notes on Balance Sheet – Note No. VII – 1b- regarding non writing-off of balance outstanding of Rs.4.97 Lakhs in Stores Suspense account with resultant overstatement of Current Assets under the head Inventory, understatement of excess of Expenditure over Income for the year ended 31st March, 2014 and Accumulated Deficit as at 31st March, 2014.
- c) Schedule Q- Notes on Balance Sheet – Note No. VII – 1c- regarding non reconciliation of balances outstanding in the GL Shortage of Stores A/c for Rs. 1.94 crores (Dr. balance) and GL Surplus of Stores A/c for Rs.1.88 crores (Cr. Balance), as of 31st March, 2014, the impact whereof on the accounts are not ascertainable.
- d) Schedule Q- Notes on Balance Sheet – Note No. VII – 1d- regarding non reconciliation of Inventory balance as per Inventory certificate and balance outstanding in respective GL accounts relating to seven stores with the aggregate difference of 0.34 crores (Dr. balance)(one



- store) and 0.72 Crores (credit balance) (six stores), as at 31st March, 2014, the impact whereof on the accounts are not ascertainable.
- e) Schedule Q- Notes on Balance Sheet – Note No. VII –1e-regarding non reconciliation of Inventory balance (Dr.) as per Inventory certificate and balance outstanding in respective GL accounts (Cr.) relating to three stores with the aggregate difference of 0.64 crores (Cr. balance), as at 31st March, 2014, the impact whereof on the accounts are not ascertainable.
- f) Schedule Q- Notes on Balance Sheet – Note No. VII –1-f-regarding non write back/ write off of balances outstanding in some GL Account codes relating to Inventory with aggregate outstanding balance of Rs.7.28 Lakhs (Cr. Balance) and Rs 19.43 Lakhs (Dr. balance), as at 31st March, 2014, the impact whereof on the accounts are not ascertainable.
- g) Schedule Q- Notes on Balance Sheet – Note No. VII –1-g-regarding non write back of balances outstanding in some GL Account codes relating to Inventory as of 31st March, 2014 in compliance with AS 2., issued by the ICAI, as at 31st March, 2014, the impact whereof on the accounts are not ascertainable.
- h) Schedule Q- Notes on Balance Sheet – Note No. VII –1-h- regarding non passing of required accounting entries in respect of area stores account for six areas for aggregate credit balance of Rs.75.88 Lakhs with resultant understatement of Current Assets as at 31st March, 2014.
6. Schedule Q- Notes on Balance Sheet – Note No. VII –2-d-regarding non reconciliation of outstanding balance of Rs.0.55 Crores (Credit Balance) under the head Centage Receivables as at 31st March, 2014, the impact whereof on the accounts is not ascertainable.
7. Schedule Q- Notes on Balance Sheet – Note No. VII –3-a- regarding non reconciliation of HO/Area transaction account with Net Credit balance of Rs.71.01 Crores, as at 31st March, 2014, the impact whereof on the accounts is not ascertainable.
8. Schedule Q- Notes on Balance Sheet – Note No. VII –3-b-regarding non-nullification of balance of Rs.0.78 Crores in Collection Control Account, as at 31st March, 2014, the impact whereof on the accounts is not ascertainable.
9. a) Schedule Q- Notes on Balance Sheet – Note No. VII –3-c(i)-regarding non reconciliation of two bank accounts (Current Accounts)(Debit Balance) relating to HO with aggregate balance outstanding of Rs.12.69 crores and one bank account (current account) with outstanding of Rs.0.26 Crores (credit balance) and ten bank accounts (Current Accounts)(Debit Balance) relating to area offices with an aggregate balance outstanding of Rs.4.44 crores as at 31st March, 2014, the impact whereof on the accounts are not ascertainable.
- b) Schedule Q- Notes on Balance Sheet – Note No. VII –3-c(iii)-regarding non reconciliation of one bank account, with debit balance of Rs.1.58 crores as on 31st March, 2014, the impact whereof on the accounts are not ascertainable.
- c) Schedule Q- Notes on Balance Sheet – Note No. VII –3-c(iv)-regarding adjustment made in Bank Reconciliation Statement (BRS), as of 31st March, 2014, the impact whereof on the accounts are not ascertainable.
- d) Schedule Q- Notes on Balance Sheet – Note No. VII –3-c(v)-regarding non reconciliation of bank account balances as per CMWSSB's books and the BRS relating to nine bank accounts, with aggregate balance of Rs.37.41 crores as on 31st March, 2014, the impact whereof on the accounts are not ascertainable.
- e) Schedule Q- Notes on Balance Sheet – Note No. VII –3-c(vi)-regarding non reconciliation of

balance outstanding as per CMWSSB's books and the confirmation of balance obtained from the bank relating to one bank account in HO collection accounts as on 31st March, 2014, the impact whereof on the accounts are not ascertainable.

10. a) Schedule Q- Notes on Balance Sheet – Note No. VII –3-d- regarding receipt of Rs.15.33 Crores towards Fixed Deposits of erstwhile LBs and non reconciliation of the Fixed Deposit account which shows a balance of Rs.27.79 Crores as at 31st March,2014, the impact whereof on the accounts is not ascertainable.
b) Schedule Q- Notes on Balance Sheet – Note No. VII –3-d- regarding receipt of Rs.15.33 Crores towards Fixed Deposits of erstwhile LBs which is accounted as bank balance as well as short term deposits with banks as at 31st March, 2014 with resultant overstatement of Current Assets for the like amount.
c) Schedule Q- Notes on Balance Sheet – Note No. VII –3-f- regarding non reconciliation of Short Term Deposits in sweep with Banks with balance outstanding of Rs.154.55 Crores as of 31st March 2014, the impact whereof on the accounts is not ascertainable.
d) Schedule Q- Notes on Balance Sheet – Note No. VII –5-a- regarding non reconciliation of Investments in the form of Fixed Deposits with Banks in between, the balance outstanding as per General Ledger (in respective account codes) and the balance outstanding as per Cash Department records as at 31st March, 2014, the impact whereof on the accounts is not ascertainable.
11. Schedule Q- Notes on Balance Sheet – Note No. VII –5-b and 5-c- regarding non reconciliation of balances outstanding in Interest Accrued- Pension Investments A/c for Rs.5.63 Crores (Cr. Balance), and Interest Accrued Others A/c for Rs.0.19 crores(Dr. Balance), the impact whereof on the accounts is not ascertainable
12. Schedule – Q – Notes on Income and Expenditure Account - Note No. I --Grants and Subsidies- regarding non accounting of Rs.4.63 Crores being the difference between the amount received as Grants from Government and the amount utilised as of 31st March, 2014, with resultant overstatement of income, understatement of Excess of Expenditure over Income, understatement of Accumulated Deficit, and understatement of Current Liability.
13. Schedule – Q – Notes on Income and Expenditure Account - Note No. III-a-regarding non accounting of Interest Accrued on Fixed Deposits with banks as at 31st March, 2014, the impact whereof on the accounts are not ascertainable.
14. a) Schedule – Q – Notes on Income and Expenditure Account - Note No. III-b-regarding accounting of Discount Allowed by the suppliers of project materials on prompt payments made by the Board for Rs.1.61 Crores, as Discount Earned instead of reducing the cost of Fixed Assets as per AS10 issued by the ICAI with resultant overstatement of Fixed Assets, understatement of Depreciation, overstatement of Income, understatement of Excess of Expenditure over Income and understatement of Accumulated deficit, during the year ended 31st March, 2014 as at 31st March, 2014.
15. a) Schedule – Q – Notes on Income and Expenditure Account – Note No. V –1,2,3- Terminal Benefits to Employees – regarding non provision of Actuarial Liability in respect of Pension, Gratuity, and Leave Encashment as on 31st March 2014, the impact whereof on the accounts are not ascertainable.
b) Schedule – Q –Notes on Income and Expenditure Account - Note No. V –4a and 4b Employee Benefits to Employees of LBs – regarding non provision of Actuarial Liability in respect of



Pension, Gratuity and Leave Encashment as on 31st March 2014, the impact whereof on the accounts are not ascertainable.

16. Schedule Q- Notes on Income and Expenditure Account – Note No. VI –1- regarding prior period adjustment account relating to bank account balance of Rs.4.13 Crores which remains unrecovered from erstwhile ULBs with resultant understatement of Current Assets and Overstatement of Excess of Expenditure over Income and Accumulated Deficit as at 31st March,2014 though the Board has no powers to do so.
17. Schedule – Q –Notes on Income and Expenditure Account - Note No. VIII – regarding non capitalization of Borrowing Cost attributable to the Qualifying Assets for a sum of Rs.25.28Crores being interest on the loans availed from Financial Institutions by erstwhile LBs for the period from 24.10.2011 to 31.03.2014 which has been charged to Income & Expenditure account with resultant understatement of Fixed Assets, Depreciation and overstatement of Debt Service Charges, Excess of Expenditure over Income and Accumulated Deficit as of 31st March 2014.
18. Schedule – Q – Other Notes – Note No. 3 – regarding Third party balances which are subject to confirmation and reconciliation, the impact whereof on the accounts is not ascertainable.

7. Opinion

In our opinion and to the best of our information and according to the explanations given to us **except for the effects of the matters described in the Basis for Qualified Opinion paragraph**, the said Balance Sheet and the Income and Expenditure Account read together with the Notes thereon and Schedules attached thereto give a true and fair view, in conformity with the accounting principles generally accepted in India.

- i) in the case of Balance Sheet, of the state of affairs of CMWSSB as at 31st March 2014, and
- ii) in the case of the Income and Expenditure Account of the Deficit (Excess of Expenditure over Income) of CMWSSB for the year ended on that date.

On behalf of the Board

For S. VENKATRAM & CO.
Chartered Accountants
FRN : 04656S

Place : Chennai

Date : 18.12.2015

R. KANDAVELU
PARTNER
M.No.12811



BALANCE SHEET AS ON 31.03.2014

DESCRIPTION	SCHEDULE	2013-14 RS.	2012-13 RS.
<u>LIABILITIES</u>			
CONTRIBUTIONS	A	14,836,767,957.74	14,237,192,420.59
GRANTS FROM GOVERNMENT	B	25,079,707,963.53	19,394,218,304.53
LONG TERM BORROWINGS	C	12,676,855,900.00	13,102,967,530.00
DEFERRED CREDITS & DEPOSITS	D	8,851,871,344.21	8,120,756,329.36
CURRENT LIABILITIES	E	9,350,099,684.77	9,004,263,346.87
TOTAL		70,795,302,850.25	63,859,397,931.35
<u>ASSETS</u>			
FIXED ASSETS	F	54,524,207,185.24	48,570,920,341.47
CURRENT ASSETS, LOANS, ADVANCES & DEPOSITS	G	8,855,068,086.54	9,699,769,907.31
ACCUMULATED DEFICIT		7,416,027,578.47	5,588,707,682.57
TOTAL		70,795,302,850.25	63,859,397,931.35

As per our report of even date
For and on behalf of
S. VENKATRAM & CO.
CHARTERED ACCOUNTANTS
Firm Regn. No. 04656S

On behalf of the Board

sd/-
GITA KUMAR, ACMA, ACS
FINANCE DIRECTOR, I/C

sd/-
Dr. B. CHANDRA MOHAN, I.A.S.,
MANAGING DIRECTOR

sd/-
R. KANDAVELU
PARTNER
M.No.12811

Place : Chennai
Date : 18.12.2015



INCOME AND EXPENDITURE FOR THE YEAR ENDED 31.03.2014

DESCRIPTION	SCHEDULE	2013-14 RS.	2012-13 RS.
INCOME			
SALE OF WATER & SEWERAGE CHARGES	H	2,609,874,945.93	2,596,863,064.30
GRANTS AND SUBSIDIES		2,572,873,582.00	1,761,543,079.24
WATER TAX AND SEWERAGE TAX	I	1,114,164,866.29	1,074,100,144.95
OTHER INCOME	J	851,558,624.27	643,286,347.28
PROVISIONS WRITTEN BACK			
- WATER CHARGES METERED		7,354,000.00	—
- WATER CHARGES UNMETERED		2,199,524.00	—
- TAXES		—	—
EXCESS OF EXPENDITURE OVER INCOME		1,827,296,485.90	1,670,823,442.56
TOTAL		8,985,322,028.39	7,746,616,078.33
EXPENDITURE			
OPERATING AND MAINTENANCE EXPENDITURE	K	4,394,702,929.56	3,272,976,874.34
PAYMENTS AND PROVISIONS TO EMPLOYEES	L	1,572,693,648.27	1,537,134,601.60
OFFICE ADMINISTRATIVE EXPENSES	M	65,654,215.52	67,285,013.42
PRIOR PERIOD ADJUSTMENT	N	392,129,922.59	241,657,034.69
WATER LORRY HIRE CHARGES		185,917,825.00	252,034,355.00
DEPRECIATION		1,463,766,926.45	1,384,337,397.28
DEBT SERVICE CHARGES	O	905,728,149.00	960,456,094.00
PROVISION for DOUBTFUL DEBTS			
- WATER CHARGES METERED		—	17,679,585.00
- WATER CHARGES UNMETERED		—	2,126,277.00
- TAXES		4,728,412.00	10,928,846.00
TOTAL		8,985,322,028.39	7,746,616,078.33

As per our report of even date
For and on behalf of
S. VENKATRAM & CO.
CHARTERED ACCOUNTANTS
Firm Regn. No. 04656S

On behalf of the Board

sd/-
GITA KUMAR, ACMA, ACS
FINANCE DIRECTOR, I/C

sd/-
Dr. B. CHANDRA MOHAN, I.A.S.,
MANAGING DIRECTOR

sd/-
R. KANDAVELU
PARTNER
M.No.12811

SCHEDULES

SCHEDULE - A

CONTRIBUTION	2013-14 RS.	2012-13 RS.
CONTRIBUTION FROM GOVERNMENT	4,879,658,365.32	4,879,658,365.32
CONTRIBUTION FROM PUBLIC	6,341,700,586.65	5,980,770,933.70
EXCESS OF ASSETS OVER LIABILITIES TRANSFERRED FROM C.M.C	159,167,365.25	159,167,365.25
EXCESS OF ASSETS OVER LIABILITIES TRANSFERRED FROM P.W.D	51,887,380.46	51,887,380.46
EXCESS OF ASSETS OVER LIABILITIES TRANSFERRED FROM ADHOC BOARD	842,251.86	842,251.86
EXCESS OF LIABILITIES OVER ASSETS TRANSFERRED FROM ULB'S	- 436,942,738.80	- 389,547,883.00
CAPITAL RESERVES	2,748,124,150.00	2,553,533,755.00
FUNDS	1,092,330,597.00	1,000,880,252.00
TOTAL	14,836,767,957.74	14,237,192,420.59

SCHEDULE - B

GRANTS FROM GOVERNMENT	2013-14 RS.	2012-13 RS.
SECOND CHENNAI PROJECT	1,373,790,000.53	1,373,790,000.53
CCRCP	3,515,900,000.00	3,515,900,000.00
JNNURM	2,021,053,885.00	1,839,565,885.00
DESALINATION PLANT AT NEMMELI	7,191,795,351.00	5,980,000,000.00
OTHERS	4,633,809,280.00	3,510,689,414.00
CMCDM	2,583,300,000.00	281,700,000.00
ULB GRANTS	1,656,984,084.00	1,177,831,084.00
DEVOLUTION FUND	2,103,075,363.00	1,714,741,921.00
TOTAL	25,079,707,963.53	19,394,218,304.53

SCHEDULE - C

LONG TERM BORROWINGS	2013-14 RS.	2012-13 RS.
LOANS FROM GOVERNMENT	7,275,113,540.00	7,275,113,540.00
BONDS	—	—
LOAN FROM FINANCIAL INSTITUTIONS	5,401,742,360.00	5,827,853,990.00
TOTAL	12,676,855,900.00	13,102,967,530.00

SCHEDULE - D

DEFERRED CREDITS AND DEPOSITS	2013-14 RS.	2012-13 RS.
DEPOSITS FROM PUBLIC:		
- SERVICE CONNECTIONS - SEW.	490,299,058.37	360,932,017.95
- GENERAL WORKS	6,444,738,411.21	5,660,605,762.39
- MLA CONSISTTUENCY DEVELOPMENT SCHEME	22,518,408.00	22,518,408.00
- MADURAI KUMBAKONAM	1,440,906,870.00	1,440,906,870.00
SEC. DEPOSITS & RETENTION MONEY:		
A. RETENTION MONEY:		
- SUPPLIERS	20,236,299.00	16,546,047.75
- CONTRACTORS	396,833,955.23	598,845,648.87
B. SECURITY DEPOSITS:		
- STAFF	11,380,706.40	10,831,539.40
- CONTRACTORS	24,957,636.00	9,570,035.00
ADVANCE FOR SALE OF LAND	—	—
TOTAL	8,851,871,344.21	8,120,756,329.36

SCHEDULE - E

CURRENT LIABILITIES	2013-14 RS.	2012-13 RS.
SUNDRY CREDITORS:		
- SUPPLIERS	187,918,277.35	259,949,226.20
- CONTRACTORS	932,238,106.08	903,516,781.60
- EXPENSES	452,223,465.40	228,215,817.40
INTEREST ACCRUED:		
- GOVERNMENT LOANS	5,617,868,639.00	5,031,520,860.00
- BONDS	—	—
- FINANCIAL INSTITUTIONS	186,796,989.00	276,726,232.00
OTHER LIABILITIES:		
- STAFF	1,451,498,359.18	1,376,447,346.20
- OTHERS	521,555,848.76	927,887,083.47
TOTAL	9,350,099,684.77	9,004,263,346.87

SCHEDULE - F

FIXED ASSETS	RS.	2013-14 RS.	2012-13 RS.
A. WATER SUPPLY at COST	27,675,337,695.35		
LESS: DEPRECIATION	10,638,998,718.69	17,036,338,976.66	16,809,369,663.56
B. SEWERAGE at COST	10,278,858,253.38		
LESS: DEPRECIATION	4,757,058,749.98	5,521,799,503.40	5,013,109,870.02
C. GENERAL at COST	723,621,094.82		
LESS: DEPRECIATION	483,955,274.78	239,665,820.04	162,281,800.23
D. PROJECT in PROGRESS			
1. WATER SUPPLY			
DEPOSIT WORKS	4,676,659,847.49		
OTHER WORKS	13,131,833,562.81	17,808,493,410.30	15,952,199,332.08
2. SEWERAGE			
DEPOSIT WORKS	6,612,426,288.68		
OTHER WORKS	5,955,013,233.68	12,567,439,522.36	9,406,193,892.72
3. GENERAL		162,472,436.45	149,277,530.92
E. DROUGHT/ FLOOD RELIEF WORKS		1,078,488,251.94	1,078,488,251.94
F. DROUGHT RELIEF WORKS GENERAL		109,509,264.09	
TOTAL		54,524,207,185.24	48,570,920,341.47

SCHEDULE - G

CURRENT ASSETS, LOANS, ADVANCES & DEPOSITS	RS.	2013-14 RS.	2012-13 RS.
A. INVENTORY		120,225,839.82	174,840,072.94
B. SUNDRY DEBTORS			
1. WATER CHARGES METERED	318,831,656.01		
LESS : PROV. FOR DOUBTFUL DEBTS	83,256,314.18	235,575,341.83	312,386,195.39
2. WATER CHARGES UNMETERED	279,279,040.20		
LESS : PROV. FOR DOUBTFUL DEBTS	178,622,000.84	100,657,039.36	120,452,753.35
3. TAX	1,076,779,216.56		
LESS : PROV. FOR DOUBTFUL DEBTS	67,074,662.93	1,009,704,553.63	967,148,844.14
4. DUE FROM PUBLIC AUTHORITIES		22,956,271.27	21,434,207.27
5. DEBTORS CTRL -MOB. WATER SUP-GOVT		205,195,649.11	277,014,109.84
6. DEBTORS CTRL -SEWERAGE SERVICE CHR		167,110,195.19	201,858,087.84
7. DEBTORS CONTROL - WATER SUPPLY OTHERS		7,218.60	7,218.60
8. CENTAGE RECEIVABLE A/C		-5,473,000.00	123,812,000.00
9. CMWSSB GROUP GRATUITY TRUST		12,117,987.50	-4,785,682.00
10. TAX DEDUCTED AT SOURCE		31,717,389.70	29,762,653.00
11. DEBTORS - CONTROL SURCHARGES		78,431,600.15	9,396,834.20
12. DEBTORS CONTROL - DIS CHEQUE		72,797.00	50,183.00
13. DEBTORS CONTROL - RAW SEWAGE		1,270,751.00	1,270,751.00
14. RECEIVABLES FROM CMC - ADDED AREAS		12,010,000.00	12,010,000.00
15. FUND RECEIPTS - NEWLY ADDED AREAS		—	—
C. CASH AND BANK BALANCES			
1. HEAD OFFICE/ AREA-TRANSACTIONS		-710,103,965.77	-470,170,345.99
2. COLLECTION CONTROL		7,780,964.50	9,488,316.50
3. CUR A/C WITH SCHEDULED BANKS		315,481,212.68	320,595,430.26

SCHEDULE - G

(contd...)

CURRENT ASSETS, LOANS, ADVANCES & DEPOSITS	RS.	2013-14 RS.	2012-13 RS.
4. BALANCES WITH RBI		1,411,558,167.62	1,560,737,454.62
5. SHORT-TERM DEP. WITH SCHEDULED BANKS		2,255,532,514.00	3,208,250,398.00
6. CASH IN HAND		3,339.20	41,929.20
7. BANK AMOUNTS RECEIVABLE FROM ULB'S		0.00	41,273,304.00
8. IMPREST ACCOUNT - ADV TO STAFF		146,751.00	45,261.00
D. LOANS AND ADVANCES			
1. CONTRACTORS		577,391,129.00	103,802,711.00
2. SUPPLIERS		21,432,705.40	11,495,265.40
3. EXPENSES		9,607,927.10	8,162,835.10
4. EMPLOYEES		85,699,312.79	98,810,964.79
5. OTHERS		499,449.79	499,449.79
E. DEPOSITS AND INVESTMENTS			
A. STAFF			
1. SPL P.F. INVESTMENTS		56,627,408.00	51,313,489.00
2. G.P.F. INVESTMENTS		645,324,906.34	634,284,835.34
3. PENSION FUND INVESTMENT		1,094,108,308.00	911,511,549.00
4. INV. ON CMWSSB EMP. SPL MED FUND		14,214,276.00	12,941,416.00
5. ACCIDENT COVERAGE INVESTMENT		8,643,158.00	7,235,950.00
6. INTEREST ACCRUED - OTHERS		1,919,710.00	-35,997,373.00
7. INTEREST ACCRUED - CPS FUND INVESTMENTS		3,935,194.00	4,108,660.00
8. INTEREST ACCRUED - PENSION INVESTMENTS		-56,253,964.73	-24,305,191.73
(i)		1,768,518,995.61	1,561,093,334.61
B. OTHERS			
1. DEPOSITS		98,348,400.46	72,783,443.46
2. TRUST AND RETENTION INVESTMENT		442,660,733.00	404,738,633.00
3. FIXED ASSET RENEW. FUND INVESTMENT		578,930,816.00	521,463,294.00
(ii)		1,119,939,949.46	998,985,370.46
(i)+(ii)		2,888,458,945.07	2,560,078,705.07
TOTAL		8,855,068,086.54	9,699,769,907.31

SCHEDULE - H

SALE OF WATER & SEWERAGE CHARGES	2013-14 RS.	2012-13 RS.
METERED:		
DOMESTIC	190,037,047.08	199,641,232.76
COMMERCIAL	1,158,419,927.50	1,250,432,553.36
INSTITUTIONAL	127,000,128.54	146,694,583.50
MUNICIPALITIES	70,658,284.00	26,679,961.00
UNMETERED:		
DOMESTIC	288,087,295.00	290,579,219.00
COMMERCIAL	179,460,506.00	177,629,714.00
INSTITUTIONAL	2,209,300.00	2,167,200.00
SALE OF TREATED SEW. WATER	130,164,665.05	121,258,412.90
MOBILE WATER SUPPLY	265,647,168.40	169,128,038.00
SEWERAGE CHARGES	198,190,624.36	212,652,149.78
TOTAL	2,609,874,945.93	2,596,863,064.30

SCHEDULE - I

WATER & SEWERAGE TAX	2013-14 RS.	2012-13 RS.
WATER TAX	238,477,051.53	230,175,022.49
SEWERAGE TAX	875,687,814.76	843,925,122.46
TOTAL	1,114,164,866.29	1,074,100,144.95

SCHEDULE - J

OTHER INCOME	2013-14 RS.	2012-13 RS.
SALE OF SCRAP	945,000.00	2,543,150.00
INTEREST FROM BANKS	50,879,896.00	63,923,514.00
INTEREST FROM OTHERS	106,332,555.15	69,123,993.29
SALE OF TENDER FORMS	382,475.00	375,000.00
LIQUIDATED DAMAGES	12,414,872.00	2,532,115.00
CONSULTANCY CHARGES EARNED	200,000.00	0.00
OTHER MISCELLANEOUS INCOME	680,403,826.12	504,788,574.99
SALE OF FARM PRODUCE	-	-
TOTAL	851,558,624.27	643,286,347.28



SCHEDULE - K

OPERATING AND MAINTENANCE EXPENSES	2013-14 RS.	2012-13 RS.
A. OPERATING EXPENSES		
POWER	780,103,064.46	736,108,985.00
CHEMICALS	35,627,754.27	51,118,022.75
FUEL & LUBRICANTS	56,646,862.65	60,858,541.10
LOOSE TOOLS	2,187,638.46	2,661,105.78
FREIGHT & INSURANCE	0.00	52,726.00
SEWERAGE LORRY HIRE CHARGES	33,490,046.00	17,865,372.00
DESILTING	36,170,588.33	30,252,393.38
OTHER OPERATING EXPENSES	1,755,142,889.86	1,560,869,302.84
	2,699,368,844.03	2,459,786,448.85
B. REPAIRS AND MAINTENANCE		
PIPE LINES, PUMPING PLANTS & OTHER EQUIPMENTS	1,118,383,066.23	4,40,267,161.27
BUILDING & CIVIL WORKS	1,33,841,271.30	1,29,374,258.00
VEHICLES	1,632,211.00	1,311,404.00
OTHER REPAIRS & MAINTENANCE	2,22,644,187.19	2,42,237,602.22
DROUGHT RELIEF EXPENSES	2,18,833,349.81	-
	1,695,334,085.53	813,190,425.49
TOTAL (A+B)	4,394,702,929.56	3,272,976,874.34

SCHEDULE - L

PAYMENTS & PROVISIONS TO EMPLOYEES	2013-14 RS.	2012-13 RS.
SALARIES, WAGES & ALLOWANCES	2,011,701,808.00	1,830,020,120.10
EMPLOYEES WELFARE EXPENSES	92,559,533.49	165,636,428.50
CONTRIBUTION TO DEPUTATIONISTS	732,863.00	622,155.00
	2,104,994,204.49	1,996,278,703.60
LESS: PROJECT APPROPRIATION	532,300,556.22	459,144,102.00
TOTAL	1,572,693,648.27	1,537,134,601.60

SCHEDULE - M

OFFICE AND ADMINISTRATIVE EXPENSES	2013-14 RS.	2012-13 RS.
OFFICE EXPENSES:		
RENT, RATES & TAXES	2,651,337.00	4,702,389.00
ELECTRICITY	10,913,347.00	11,351,495.00
WIRELESS & MASS COMM. CHARGES	252,701.00	188,994.00
TELEPHONE CHARGES	10,004,943.75	9,122,272.98
POSTAGE & TELEGRAM	4,888,611.00	5,048,450.00
PRINTING & STATIONERY	10,176,859.00	6,840,685.40
EXHIBITION & PUBLICITY	1,513,542.00	1,742,817.00
OTHER OFFICE EXPENSES	9,873,756.59	12,845,088.00
TRAVEL AND CONVEYANCE	29,500,654.70	26,021,589.50
ADMINISTRATIVE EXPENSES:		
BOARD MEETING EXPENSES	0.00	0.00
AUDIT FEES	100,000.00	165,450.00
LEGAL CHARGES	2,450,067.00	2,354,386.00
CONSULTANCY FEES & EXPENSES	4,029,472.00	1,950,000.00
BANK CHARGES	7,387,684.95	7,327,228.54
HONORARIUM	787,358.00	2,000.00
BONDS ISSUE EXPENDITURE	15,000.00	18,092.00
OTHER ADMINISTRATIVE EXPENSES	6,250,910.00	6,440,510.00
BOARD SITTING FEES	36,000.00	0.00
	100,832,243.99	96,121,447.42
LESS : PROJECT APPROPRIATION	35,178,028.47	28,836,434.00
TOTAL	65,654,215.52	67,285,013.42

SCHEDULE - N

PRIOR PERIOD ADJUSTMENT ACCOUNT	2013-14 RS.	2012-13 RS.
DEBIT:		
WATER AND SEW. TAX	161,058,583.19	41,754,794.67
WATER CHARGES UNMETERED	16,986,465.06	12,876,761.35
WATER CHARGES METERED	4,769,048.26	10,839,302.83
SEWER CHARGES	8,493,232.54	6,422,465.62
INTEREST	0.00	58,782,004.10
LIQUIDATED DAMAGES	128,709,017.00	4,165,000.00
RETENTION MONEY	—	—
SECURITY DEPOSIT	—	—
DA ARREARS	—	—
BANK AMOUNT RECEIVABLE	41,273,304.00	—
MISCELLANEOUS	600.00	—
DEPRECIATION	105,291,152.67	305,983,821.48
SUB TOTAL 'A'	466,581,402.72	440,824,150.05
CREDIT:		
WATER AND SEW. TAX	46,453,160.74	27,173,283.21
WATER CHARGES UNMETERED	15,015,965.22	18,717,324.31
WATER CHARGES METERED	5,294,989.07	68,700,366.52
SEWER CHARGES	7,146,640.10	4,180,505.12
INTEREST	—	—
POWER	539,200.00	—
MISCELLANEOUS	1,525.00	—
DEPRECIATION	0.00	80,395,636.20
SUB TOTAL 'B'	74,451,480.13	199,167,115.36
TOTAL (A - B)	392,129,922.59	241,657,034.69

SCHEDULE - O

DEBT SERVICE CHARGES	2013-14 RS.	2012-13 RS.
INTEREST:		
GOVERNMENT LOANS	586,347,779.00	586,347,779.00
FINANCIAL INSTITUTIONS	336,028,605.00	394,677,717.00
BONDS	0.00	1,129,211.00
	922,376,384.00	982,154,707.00
LESS: INTEREST CAPITALIZATION	16,648,235.00	21,698,613.00
TOTAL	905,728,149.00	960,456,094.00

SCHEDULE - P

SIGNIFICANT ACCOUNTING POLICIES

1) Accounting Concepts:

The financial statements are prepared under the historical cost convention and on "Going Concern" basis. CMWSSB follows mercantile system of accounting.

Contribution from Public – The amount received from the public during the previous financial year towards water/sewer connections is transferred during the subsequent financial year to Contribution from Public.

2) Inventory Valuation:

Stores materials are valued at Weighted Average Cost method.

3) Events occurring after Balance Sheet date:

Events occurring after the Balance Sheet date are those that occur between the Balance Sheet date and the date on which the financial statements are compiled / approved.

4) Prior period Items:

Income / Expenditure which arises in the current year as a result of omissions in the preparation of financial statements of earlier years are treated as prior period item. Prior period expenses and income have been recognized as per accounting requirements. In addition to that income/expenses relating to previous year which materializes during the current year have also been considered as prior period items.

5) Depreciation:

Depreciation on Fixed Assets is charged on Straight - Line Method (SLM) basis, as per the rates approved by CMWSSB's Board. Depreciation is charged for the full year if assets are brought to accounts before 30th September and for half year if the assets are brought to accounts after 1st October till 31st March. Depreciation on Assets completed and put to use included in Project-In-Progress (PIP), for which Completion Report is awaited, is charged at an adhoc rate of 5%, on SLM basis.

6) Revenue Recognition:

CMWSSB follows mercantile system of accounting and recognizes income and expenses on accrual basis, including provisions / adjustments for committed obligation and amounts determined as payable or receivable during the year excepting, interest on loans to staff and terminal benefits payable to employees, which is accounted on cash basis.

7) Provision For Doubtful Debts:

The provision for Doubtful Debts on Sundry Debtors for Water Charges and Taxes is made/written back, on the differential amount, at 20% and 10% for metered and un-metered Debtors respectively and at 10% for Taxes.

8) Fixed Assets:

Fixed Assets are stated at cost of acquisition / construction, less accumulated Depreciation. Cost is inclusive of the expenditure for installation and erection in bringing Fixed Assets to usable condition.

Project-In-Progress (PIP) is accounted with expenses incurred thereon, based on progress of the Project. Salaries, Wages & Allowances, Office expenses & Administrative expenses and Fuel & Lubricants are appropriated to PIP at percentages fixed by the Board.

9) Grants:

Grants from Government are shown separately. No repayment is envisaged in respect of such grants.

10) Investments:

Investments are generally in the form of Fixed Deposits with the Banks which are accounted on the basis of Principal deposit amount. The interest earned on the Fixed Deposits is credited to Income and Expenditure Account, excepting those Fixed Deposits which belong to specific Funds/Projects, in which case the interest earned is credited to respective Funds /Projects account.

11) Retirement Benefits to Employees:

The Terminal Benefits payable to Employees are accounted on cash basis.

12) Borrowing costs:

The borrowing cost attributable to qualifying assets is capitalized.

13) Contingent Liabilities:

Claims against CMWSSB not acknowledged as debts are disclosed as Contingent Liabilities depending on facts of each case and after due evaluation of relevant legal aspects.

14) Liquidated Damages:

The Liquidated damages is to be treated as other income.



SCHEDULE - Q

NOTES ON ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2014

NOTES ON BALANCE SHEET

I. SCHEDULE - A - CONTRIBUTION:

1. Contribution from Public- Rs.634.17 Crores (Previous Year- 598.08 crores):

Rs. 36.09 Crores (Previous Year – Rs. 42.37 Crores) being amount received from the Public during the last financial year, towards Water/Sewer connections has been transferred to 'Contribution from Public' during the current year.

2. Excess of Assets over Liabilities- Rs.21.19 Crores (Previous Year- 21.19 crores):

The amounts representing Excess of Assets over Liabilities transferred from CMC, PWD and Ad-hoc Board for Rs.15.92 Crores, Rs.5.19 Crores and Rs.0.08 Crores respectively remain outstanding since long. These amounts are shown in Schedule A - Contribution, as per the practice in the prior years.

3. Capital Reserves- Rs.274.81 Crores (Previous Year- 255.35 crores) :

- a. An amount of Rs.19.46 Crores (Previous Year Rs. 18.81 Crores) received towards Infrastructure Development Charges through Chennai Metropolitan Development Authority (CMDA) from applicants directly during the year has been credited to Capital Reserve Account, as per practice in the previous years.
- b. An amount of Rs.90.35 Crores (Previous Year Rs.90.35 Crores) has been received for sale of Land to CMRL for Metro Rail Project admeasuring 5.604 acres in Koyembedu and three other places in Chennai, as under during the year 2010 to 2013. The compensation amount has been arrived on the basis of Guide Line Value agreed upon with CMRL after joint survey. As per the original valuation report of the year 1978 the Land cost in Koyembedu was Rs.43,658.23 per hectare. Accordingly total Land cost for 22,678 sq mt works out to Rs.99,008 for Land sold in Koyembedu as well as in three other areas, which is reckoned as Book Value of the Land sold to CMRL. The difference between Guide Line Value and Book Value Rs.90.34 Crores (Rs.90.35 Crores less Rs.0.01 Crores) is treated as Capital Reserve.

4. Fund - Rs.109.23 Crores (Previous Year- 100.09 crores):

The Fund represents Fixed Assets Renewal Fund for which investments are made to the extent of Rs.57.89 Crores (Previous Year Rs. 52.15 Crores). The balance in the Fund Account represents non-appropriation of the fund towards additions to Fixed Assets in earlier year/s.

II. SCHEDULE - B - GRANTS FROM GOVERNMENT:

1. Grants from Government- Rs.2507.97 Crores (Previous Year- 1939.42 crores)

- a. The Grants received for various Projects from Government viz. Second Chennai project (SCP), Chennai City River Conservation Project (CCRCP), Urban Local Bodies (ULB) Grants etc is shown separately.
- b. Grants from Government (SCP and CCRCP) – Rs.488.97 Crores (Previous Year – Rs. 488.97 Crores):
The balance outstanding in the above account as of 31st March 2014 in respect of the following projects remain the same as prior to the year 2008-09 for SCP (Rs. 137.38 Crores) and since 2009-10 for CCRCP (Rs.351.59 Crores).
- c. Grants from Government (JNNURM) – Rs.202.11 Crores (Previous Year Rs. 183.96 Crores):

The Board has received Grant amounts for different projects under Jawaharlal Nehru National



Urban Renewal Mission (JNNURM), which are accounted and operated through a bank account, in which income from other than JNNURM grants is also accounted.

d. Grants from Government (Others) - Grant for Augmentation of 15 TMC of water Chennai City- Rs. 105.60 Crores (Previous Year - Rs. 105.60 Crores):

The amount represents Grant from Government of Tamil Nadu received during the Financial Year 2012-13 for the proposed project for augmentation of water supply to Chennai city.

e. Grants from Government (Others) Grants regarding repayment of loans to TUFIDCO & TNUIFSL- Rs. 75.29 Crores (Previous Year - Nil):

(i) The erstwhile LBs had availed certain loans from Tamil Nadu Urban Finance and Infrastructure Development Corporation Limited (TUFIDCO) and Tamil Nadu Urban Infrastructure Financial Services Limited (TNUIFSL).

(ii) The Government of Tamil Nadu has been approached by the Board for sanction of Grant towards liquidation of dues to these two financial institutions, for the revised Principal dues to TUFIDCO and TNUIFSL for Rs.129.73 Crores and Rs.34.87 Crores respectively aggregating Rs.164.60 Crores. The total over dues to TUFIDCO as of 31st March 2014 is Rs.64.17 Crores comprising of Principal Rs.45.33 Crores, Interest Rs. 18.19 Crores and Penal Interest Rs.0.65 Crores respectively. The total over dues to TNUIFSL as of 31st March 2014 is Rs. 11.12 Crores comprising of Principal Rs.4.03 Crores and Interest Rs. 7.09 Crores respectively.

(iii) The sum of Rs.75.29 Crores received during the year ended 31st March, 2014 represents the Grant towards the overdues to TUFIDCO and TNUIFSL for the years 2012-13 and 2013-14.

f. Grants from Government (ULB Grants) - Rs.281.60 Crores (Previous Year - Rs.233.70 Crores):

i. Grant of Rs 47.91 Crores has been received from the Government during the year 2013-14 for 6 local bodies, including Rs.1.61 Crores for Tambaram ULB whose assets and liabilities were not taken over by CMWSSB.

ii. A sum of Rs. 29.93 Crores was received by way of ULB grants in the month of May 2014 for the period from November 2013 - April 2014. The said grant amount (including for the month of April- 2014) is reduced from ULB Grants Liability Account as at 31st March, 2014 instead of accounting in Grants Receivable Account(Revenue Grant).

g. Devolution Fund - Rs. 210.31 Crores (Previous Year - Rs. 171.47 Crores):

i. The balance in the above fund represents grants received from State's tax revenue at fixed percentage, which is to be utilized for Development Schemes.

ii. The sum of Rs.38.84 Crores (Previous year - 45.22Crores) received during the year ended 31st March, 2014 represents the Grant for the months of April 2013 to January 2014. The Grant for the months of February 2014 and March 2014 aggregating Rs. 7.76 Crores was received in April 2014 and hence not accounted during the current financial year.

h. Grants from Government (Mega City Project) - Rs.258.33 Crores (Previous Year Rs. 28.17 Crores):

Grant of Rs.230.16 Crores has been received from Government of Tamil Nadu for Mega City Project during the current year. The Grants sanctioned and received for the years 2011-12, 2012-13 and 2013-14 are Rs.189 crores, 248.75 crores and Rs.513.33 crores and Rs.71.36 crores, Rs.134.35 crores and 24.45 crores respectively.

2. Grants from Government:

Grant of Rs.18.15Cr, Rs.121.18Cr, Rs.230.16Cr has been received from Government for additional

central assistance received under the project of JNNURM, Desalination Plant at Nemmeli, Mega City Project (MCP), respectively during the current year, remain to be considered as Contribution as of 31st March 2014, though in these cases the Grants are in the nature of Promoter Contribution.

III. SCHEDULE - C – LONG TERM BORROWINGS:

1. Loans from Government – Rs.727.51 Crores (Previous Year – Rs.727.51 Crores):

The above represents Loans for I&II - Chennai Project and other schemes. There was no repayment of Principal and Interest on these Loans during the year. The total over-dues of principal (Rs.338.03 Crores) and Interest (Rs.586.35 Crores), aggregate Rs.924.38 Crores, as of 31st March, 2014.

2. Loans from Financial Institutions – Rs.180.49 Crores (Previous Year 184.37 Crores):

- a. The erstwhile LBs had availed certain loans from Tamil Nadu Urban Finance and Infrastructure Development Corporation Limited (TUFIDCO) and Tamil Nadu Urban Infrastructure Financial Services Limited (TNUIFSL).
- b. The Government of Tamil Nadu has been approached for sanction of Grant towards liquidation of dues to these two financial institutions, for the revised Principal dues to TUFIDCO and TNUIFSL for Rs.129.73 Crores and Rs.34.87 Crores respectively aggregating Rs.164.60 Crores. The total over dues to TUFIDCO as of 31st March 2014 is Rs.64.17 Crores comprising of Principal Rs.45.33 Crores, Interest Rs. 18.19 Crores and Penal Interest Rs.0.65 Crores respectively. The total over dues to TNUIFSL as of 31st March 2014 is Rs11.12 Crores comprising of Principal Rs.4.03 Crores and Interest Rs. 7.09 Crores respectively.
- c. The Board has requested Government of Tamil Nadu that it may provide a grant of Rs.75.29 Crores, being the overdues to both TUFIDCO and TNUIFSL towards principal, interest, penal interest for the years 2012-13 (Rs.49.71 Crores), 2013-14 (Rs.25.58 Crores) and the balance of Grant may be provided on yearly basis in subsequent years. The Board has accordingly received Grant amounts of Rs.49.71 Crores and Rs.25.58 Crores in January 2014 and March 2014 respectively from Government of Tamil Nadu. As such, there are no overdues to the TUFIDCO and TNUIFSL as on 31st March, 2014.

IV. SCHEDULE - D – DEFERRED CREDITS AND DEPOSITS:

1. Deposits from Public – General Works – Rs. 642.44 Crores (Previous Year Rs.617.35 Crores)

- a. A sum of Rs. 0.65 Crores being deposit from public received towards water connection which is yet to be provided in erstwhile Perungudi Town Panchayat is accounted under this head.
- b. The balance outstanding in this account is after setting off the Deposit amount of Rs. 297.24 Crores received from erstwhile LBs.

2. Deposits- Deposit Consultancy Works- Rs.144.09 Crores (Previous Year – Rs. 144.09 Crores)

Deposit from Public -- Sewerage – Other Works includes Sewerage Work under Chennai City River Conservation Project (CCRCP) amounting to Rs.166.38 Crores incurred on Madurai and Kumbakonam works. The Board has received deposit of Rs. 165.27 Crores till the year 2013-14. The deposits remain to be appropriated towards the project cost for want of Completion Report.

V. SCHEDULE - E – CURRENT LIABILITIES AND PROVISIONS:

1. Other Liabilities- Staff- GPF- Rs.39.58 Crores (Previous Year – Rs. 42.16Crores)

Outstanding amount in General Provident Fund (GPF) Advances to Staff/ Labour out of GP Fund have been netted against the Fund balances.

2. Other Liabilities -Others

- a. The outstanding balances in two accounts viz. Outstanding Liability- CMC (GL 5400) Rs.



37,39,842 (debit balance) and Accounts Payable – Pension (GL 5370) -Rs. 45,25,33,841 are under reconciliation.

- b. The amount with banks as Short/Fixed Deposits as well as amounts meant to be received on respective maturity date of Short/Fixed Deposits is temporally parked in a separate account for control – purpose (GL 5371: Accounts Payable – Cash), showing a balance of Rs.32,57,08,657 is under reconciliation.
- c. In two accounts viz. Pension and Gratuity- Accrued-Transferred to MMC (GL5390) - Rs.20,09,651 and Outstanding Liabilities PWD (GL 5410) - Rs. 13,18,201, the balances remain outstanding for a long period and the same are under reconciliation.
- d. Other Liabilities –Others includes a sum of Rs.4.41 lakhs (Debit balance) representing amount recovered from staff in respect of court orders received against them. This amount includes a sum of Rs.2.40 lakhs which remains outstanding prior to the year 2013.
- e. In nine accounts viz. (GL 5580,5600,5760,5810,5311,5315,5460,5515,5331) wherein the aggregate balance outstanding for Rs.27,10,41,358 is negative as of 31st March 2014, for which reconciliation is in progress.
- f. Other liabilities- Others includes a sum of Rs. 62799/- representing ESI payable to contract labour which is pending for a long time and steps are being initiated to square off the amount.

VI. SCHEDULE - F - FIXED ASSETS:

1. The balance outstanding in additions to Fixed Assets (PIP) account in terms of Opening balance, Closing Balance and transactions during the current financial year as per the GL and Project Department records are not with agreement with each other.
2. The balance as at 31st March 2014 in Project in Progress (PIP) in different heads viz. Water Supply, Sewerage, General, JNNURM and CWSAP as per General Ledger (GL) and as per Project Department records are Rs.3052.40 Crores and Rs. 3164.27 Crores respectively, for which reconciliation is in progress.
3. The Fixed Assets accounting is centralized in HO books. In respect of 7 area offices (including old area 9 which is since abolished), balances still remain outstanding both in Fixed Assets and PIP's for Rs.4.51 crores and Rs.0.16 crores respectively and Rs.2.47 crores (credit balance) in Area Office No. 11. (GL Codes: 6220, 6270, 6320, 6400 and 6440). Reconciliation in this respect is being initiated.
4. a) Fixed Assets includes Rs.81.40 Crores, being Projects commissioned, in respect of three projects viz., SCP, 530 Million liters per Day (MLD) Project, and CCRCP for which Completion Reports are yet to be received. For the above commissioned projects adhoc rate of depreciation (5%) is provided as per the prevailing practice amounting to Rs.4.07 Crs for the financial year 2013-14.
- b) Project in Progress (PIP)-Sewerage-Deposit works includes Rs.156.87 Crores, being expenditure incurred viz. Madurai and Kumbakonam sewerage works under CCRCP (Madurai Rs.114.40 Crores and Kumbakonam Rs.42.47 Crores respectively) for which Completion Reports are yet to be received.
5. Salaries, Wages & Allowances, Office expenses & Administrative expenses and Fuel & Lubricants have been appropriated to PIP at fixed percentages, i.e. 23%, 30% and 30% respectively.
6. PIP includes Rs. 336.20 Crores of works executed for ULBs (other than erstwhile LBs whose Assets and Liabilities were taken over during the year ended 31.03.2012 by CMWSSB) (Previous Year Rs.297.24 Crores) as deposit works, which will be adjusted against deposits received, on completion of such works.

7. In- 530-instances of PIP for an aggregate amount of Rs.348.30 Crores, in which there is no transaction in the account/ in the project during the years 2012-13 and 2013-14, the completion reports are under reconciliation and depreciation on the same remains to be charged at adhoc rates as per Accounting Policy.
8. In respect of few of the erstwhile LBs, the assets which were used by them were not owned by them. The LBs were having physical possession of the same. The transfer of ownership with monetary compensation or continuance of existing arrangement is yet to be finalized.
9. The fixed assets inter alia include a sum of Rs.107.85 Crores as Drought Relief Works since 2010-11. Depreciation is not considered on these assets. As the assets would have outlived and their working condition is unlikely, write off of the said assets after taking appropriate authority is under consideration.
10. In 7 instances, the fixed assets purchased during March 2014 amounting to Rs.1.02 Crores depreciation of Rs. 5.31 lakhs is provided, as of 31st March, 2014, though as per the Significant Accounting Policies, the additions made during the month of March are to be ignored for computing depreciation.
11. The Fixed assets which were commissioned in the earlier years are capitalized during the current year on receipt of respective completion certificates, under the categories i.e. Water, Sewerage and General for an aggregate amount of Rs.2,64,51,477 on which total depreciation of Rs.11,63,914 is charged.

VII. SCHEDULE - G - CURRENT ASSETS, LOANS, ADVANCES AND DEPOSITS:

1. Inventory - Rs.12.02 Crores - (Previous Year - Rs. 17.48 Crores)

- a. The ageing analysis of inventory as of 31st March 2014 remains to be made. Consequently identification of non moving/obsolete stock and provision thereof is still in process.
- b. Inventory inter alia includes Rs.4.97 Lakhs in Stores Suspense account (comprising of Rs.3.46 Lakhs relating RO-II and Rs.1.51 Lakhs relating to H.O). The balance outstanding in Stores Suspense account continues to remain at the same level prior to April 2007 onwards, which is being considered for write off with appropriate authority in due course.
- c. The Inventory includes balance outstanding in the following two accounts in which there is no movement/ the movement is sporadic, since the year 2011 onwards, in respect of which reconciliation process is initiated.

Shortage of stores (A/c code 8240)	Rs.193.55 lakhs Dr Balance
Surplus of stores (A/c code 8230)	Rs.188.14lakhs Cr balance
- d. In seven Stores viz. Stores account-ETC, Area 1 Stores Account, Area 3 Stores, Area 5 Stores, Area 6 Stores, Area 8 Stores, Area 10 Stores, the inventory figures as per inventory certificate and the balance outstanding in respective GL account codes of relevant stores is not in agreement with each other, for which reconciliation is in progress.
- e. In three Stores viz. Area 1 Stores, Area 3 Stores and Area 5 Stores, the inventory figures as per the balance outstanding in respective GL account codes of relevant stores is showing a negative balance, for which reconciliation is in process.
- f. Inventory includes balances outstanding in the adjustment accounts viz. Stores Control Account, Stores Adjustment, Intransit Inventory Value, Inventory Resources, for which steps required for write back/write off are under consideration.
- g. As per AS 2, inventories should be valued at lower of cost and Net Realisable Value. As of 31st March, 2014, in some of the GL codes relating to inventory, the balance outstanding is negative.



Steps required for write back of such balances as necessary to comply with the provisions of AS 2, are being initiated.

- h. The movement of inventory inter-se central stores to depot is accounted through area stores account which is in the nature of a contra account. However, due to non-passing of required accounting entries in respect of 6 areas viz. Area 1,3,5,6,8 and 10, the area stores account shows an aggregate credit balance of Rs. 75.88 lakhs as at 31st March, 2014.

2. Sundry Debtors - Rs. 187.14 Crores (Previous Year Rs. 207.18 Crores):

- a) Ageing analysis of Sundry Debtors remains to be reckoned while making provision against long outstanding receivables under the heads water charges, tax and sewerage charges.
- b) Sundry Debtors for Sewerage Service Charges have not been considered for making Provision for Doubtful Debts, as per extant policy.
- c) Sundry Debtors includes a sum of Rs. 1.21 Crores (Previous Year Rs. 0.48 Crores credit balance) under the account of CMWSSB Group Gratuity Trust.

d. Centage Receivable Rs. 0.55 Crores (Credit Balance) (Previous Year - Rs 12.38 Crores):

The above account shows credit balance as at 31st March, 2014. Steps are in progress to reconcile the amount outstanding.

e. Dues from public authorities Rs. 2.30 Crores (Previous Year - Rs 0.88 Crores) :

The increase in the current year under the above head is due to increase in the amount received towards pension and gratuity due from CMC.

3. Cash and Bank balances Rs.328.04 Crores (Previous year - Rs. 467.03 Crores):

a) HO/Area Transaction - Rs. 71.01 Crores (Net Credit Balance) (Previous Year Rs. 47.02 Crores (Net Credit Balance) :

The balance outstanding in the HO/Area transaction account is under reconciliation.

b) Collection Control Account - Rs. 0.78 Crores(Previous Year - Rs 0.95 Crores) :

The above amount represents balance outstanding in control account of R.O - II which is meant to be parking account, which should have been brought to NIL. Action is being taken to reconcile the same.

c) Current Accounts with Scheduled Banks - Rs. 31.55 Crores(Previous Year - Rs. 32.06 Crores):

i. The above include aggregate sums of Rs. 12.69 Crores in two current accounts (HO) and (Rs. 0.26crores) in one current account (HO) Rs.4.44 Crores in ten Current accounts (Area Offices) and (Rs.4.2 Crores) in three current accounts (Area Offices), which remain to be reconciled as of 31st March 2014. Action is being taken to reconcile the same.

ii. In eleven bank accounts, a total number of 48 Cheques for an aggregate amount of Rs.5.86 Lakhs have become stale as of 31st March, 2014, for which the necessary reversal entries were under process.

iii. In ICICI Bank Account-GL 9241-Operating Account, with debit balance of Rs.1,57,72,138 as of 31st March, 2014, Bank statement, BRS and Balance Confirmation from the bank are being processed /arranged.

iv. In ten bank accounts (GL 9042, GL 9202, GL 9013, GL 9183, GL 9203, GL 9206, GL 9045, GL 9020, GL 9190, GL 9210), particulars regarding the adjustments made in BRS as at 31st March, 2014, are under finalization.

v. In nine bank accounts (GL 9177, 9100, GL 9045, GL 9046, GL 9034, GL 9197, GL 9099, GL



9173, GL 9020) Bank balance in CMWSSB's books as given in BRS is not matching with the respective bank balances in GL, as at 31st March, 2014, which is under verification/reconciliation. Out of the said nine bank accounts, in five accounts such verification/reconciliation has since been made during the year 2014-15.

vi. In Canara Bank- HO Collection account (A/c Code:9131), the balance outstanding in CMWSSB's books and Balance confirmation obtained from the bank is not in agreement with each other, as at 31st March, 2014, and reasons thereof is being ascertained.

d) Fixed Deposit account balances of erstwhile local bodies with bank - Rs.27.79 Crores (Previous Year -Rs. 16.60 Crores):

a. The erstwhile LBs had certain Fixed Deposit accounts with banks as of 31st March 2012 which were closed on takeover of their assets and liabilities. An aggregate amount of Rs.15.33 Crores has been received during the financial year 2012-2013.

b. The amount of Rs.15.33 Crores received is accounted as Bank Balance in the books of CMWSSB.

c. The present outstanding is the aggregate sum of amount received in cash, amount received as FDRs encashed less the amounts received as FDRs which are yet to be encashed as at 31st March, 2014 for which the reconciliation is in process.

d. The fixed deposits of Rs.15.33 Crores is continued to be shown as such, as of 31st March, 2014 also, pending reconciliation.

e) The fixed deposits of CMWSSB as at 31st March, 2014 are inclusive of those Fixed Deposits held with non-scheduled banks also.

f) Short Term Deposits with Banks -Rs.154.55 Crores (Previous Year -Rs.260.33Crores):

The particulars and breakup of Short Term Deposits in Sweep with Banks as of 31st March 2014, with supporting are under scrutiny for required reconciliation.

4. Loans and Advances -Rs.69.46 Crores(Previous year- Rs.22.27 Crores):

a) Loans and Advances -Expenses -Rs.0.96 Crores(Previous Year -Rs.0.82 Crores):

The above includes an amount of Rs.0.67 Crores being advance given to Southern Railways which remain outstanding for more than seven years.

5. Deposits and Investments -Rs.176.85 Crores(Previous year-Rs.156.11 Crores):

a) Deposits and Investments - Staff/Others

a. In respect of Investments in the form of Fixed Deposits with Banks, the balance outstanding as per General Ledger (in respective account codes) and the balance outstanding as per Cash Department records is under verification and reconciliation as at 31st March, 2014.

b. In Interest accrued- Pension Investments account (GL 8523), there is Credit Balance of Rs. 5,62,53,965 as of 31st March 2014, for which particulars are under analysis and reconciliation.

c. In Interest Accrued- Others account (GL 8520), there is a debit balance of Rs.19,19,710 as of 31st March, 2014, for which particulars are under analysis and reconciliation.

NOTES ON INCOME AND EXPENDITURE ACCOUNT:

I. Grants and Subsidies- Rs 257.28 Crores (Previous Year -Rs. 176.15 Crores):

The above includes Grant from Government of Rs. 175 Crores Crores for purchase of desalinated water from Minjur desalination plant. The amount utilized upto 31st March, 2014 out of the funds received is Rs.170.37 Crores indicating short utilisation for which the required liability is not created.

II. SCHEDULE - I - WATER AND SEWERAGE TAX:

Water tax- Rs.23.85 Crores (Previous Year -Rs. 23.02 Crores):

The amount shown under Water Tax is excluding the amount pertaining to the erstwhile LBs.

III. SCHEDULE - J - OTHER INCOME

a) Interest from Banks - Rs. 5.09 Crores (Previous year - Rs 6.39 Crores)

The Term Deposits with Bank as of 31.03.2014 are Rs 225.55 Crores (Previous year Rs 320.82 Crores). The interest accrued on Fixed Deposits with Banks remains to be accounted as of 31.03.2014.

b) Discount Earned- Rs. 1.61 Crores (Previous year - Rs 1.40 Crores)

The above amount represents discount allowed on payments made by the Board to its suppliers of project materials, before prescribed due date.

c) Liquidated Damages - Rs. 1.24 Crores (Previous year - Rs 0.25 Crores)

The above is treated as other income consistently as per prevailing practice by the Board.

IV. SCHEDULE - K- OPERATING AND MAINTENANCE EXPENSES

Operating Expenses-Power Rs.78.01 Crores (Previous Year -Rs. 73.61 Crores):

The expenditure under the above head is booked after netting the interest earned on security deposits held with TNEB, as per existing policy.

V. SCHEDULE - L - PAYMENTS AND PROVISIONS TO EMPLOYEES:

1. Pension:

The accumulated balance in Pension Fund is Rs. 90.50 Crores (Previous Year Rs. 83.55 Crores). The amount invested is Rs. 109.41 Crores (Previous Year Rs. 91.15 Crores). Further, an investment of Rs. 9.44 Crores (Previous Year Rs. 7.48 Crores) has been made under Contributory Pension Scheme (CPS). An Actuarial Valuation for Pension remains to be done as on 31st March 2014.

2. Gratuity:

- Group Gratuity Scheme (GGS) / Fund has been created with LIC of India. Contribution to the scheme is charged to revenue.
- An Actuarial Valuation for Gratuity remains to be done as on 31st March 2014.

3. Leave Encashment:

The Leave Encashment benefit to the Employees on retirement is accounted on cash basis.

4. Payments to staff of added areas:

- Provision for CPS and Leave encashment in respect of staff members of erstwhile LBs remains to be made for the financial year ended 31st March 2014.
- Some employees of erstwhile LBs are since absorbed as CMWSSB staff. The payment of premium to Trustee towards Gratuity liability of the said employees as of 31st March 2014 is yet to be made.

VI. SCHEDULE - N - PRIOR PERIOD ADJUSTMENT ACCOUNT:

1. Bank account balances of erstwhile LBs - Rs. 4.13 Crores (Previous Year - Rs.4.13 Crores):

The erstwhile LBs had a total of 71 bank accounts for an aggregate amount of Rs. 17.99 Crores, which were closed on takeover of their assets and liabilities. The amount received on closure of bank accounts is Rs.14.13 Crores out of which the details are available for Rs.13.86 Crores. The balance amount of Rs.0.27 Crores has been credited in Fund Receipts Newly added areas account. The amount of Rs. 4.13 Crores (Rs. 17.99 Crores less Rs.13.86 Crores) remains outstanding as of 31st



March 2014 in "Bank Amounts Receivable from ULBs" account.

Since the outstanding amount of Rs.4.13 crores is not receivable, the same is charged to Income and Expenditure account of the Board as prior period item, as at 31st March, 2014.

VII. DEPRECIATION:

The value of Bought out items added during March 2014 is Rs.1.02 Crores on which Depreciation is provided for Rs.5.31 lakhs.

VIII. SCHEDULE -O -DEBT SERVICE CHARGES -FINANCIAL INSTITUTIONS:

The erstwhile LBs had availed certain loans from TUFIDCO and TNUIFSL. The outstanding balance in these loans aggregate Rs.180.49 Crores as of 31st March 2014. The interest on Loan from TUFIDCO and TNUIFSL for Rs.18.19 Crores and Rs.7.09 Crores remains to be capitalized as of 31.03.2014.

IX. TAXES ON INCOME:

In view of sustained losses incurred, tax liability may not accrue in near future and hence provision for Deferred Tax has not been made.

OTHER NOTES:

1. As per prevailing system, the officer in-charge of the depots/ area offices are provided with imprest amounts out of which the expenses relating to the said offices are defrayed, on which TDS implications are not considered by the Board.
2. **Contingent Liabilities:**
 - a. Claims against CMWSSB not acknowledged as debt amount to Rs.16.12 Crores (Previous Year Rs. 19.51 Crores) in respect of 369 court cases (Previous year 356 court cases), which are under litigation. The above includes 3 court cases which are under arbitration for aggregate amount of Rs.12.77 Crores.
 - b. An aggregate amount of Rs 52.25 Crores towards water capacity charges, etc. is under dispute with Chennai Water Desalination Limited (CWDL).
 - c. In respect of Alandur Municipality a contingent liability for Rs.3.02 Crores exists, in respect of petition filed by it against the award of Tribunal of Arbitrators favoring IVRCL Infrastructural and Projects Limited, which undertook the project of providing underground sewerage scheme with whom the LB has entered into a contractual agreement.
3. Third Party balances are subject to confirmation and reconciliation.
4. Previous year's figures have been suitably regrouped wherever necessary in conformity with current year's classification.

As per our report of even date
For and on behalf of
S. VENKATRAM & CO.
CHARTERED ACCOUNTANTS
Firm Regn. No. 04656S

On behalf of the Board

sd/-
GITA KUMAR, ACMA, ACS
FINANCE DIRECTOR, I/C

sd/-
Dr. B. CHANDRA MOHAN, I.A.S.,
MANAGING DIRECTOR

sd/-
R. KANDAVELU
PARTNER
M.No.12811

Place : Chennai
Date : 18.12.2015



MUNICIPAL ADMINISTRATION & WATER SUPPLY (METRO WATER) DEPARTMENT

TAMIL NADU GOVERNMENT'S REVIEW ON THE WORKING OF CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD FOR THE YEAR ENDED 31st MARCH 2014

A. FINANCIAL :

1. The Chennai Metropolitan Water Supply and Sewerage Board was constituted under the CMWSS Act 1978 (TN Act 28 of 1978) for exclusively attending to the growing needs of the citizens in Chennai city and for planned development, appropriate regulation of water supply and sewerage services in Chennai Metropolitan Area, with particular reference to adequate supply of safe and good quality drinking water, treatment and disposal of sewage and thereby the protection of public health and for all matters connected therewith or incidental thereto.
2. The total assets of the Board as on 31st March 2014 stood at Rs.6337.93 Crores, consisting of net Fixed Assets of Rs.5452.42 Crores and current assets of Rs.885.51 Crores represented by Sundry Debtors, Loans, Advances and Deposits etc.
3. The total liabilities of the Board stood at Rs.7079.53 Crores, consisting of Contribution of Rs.1483.68 Crores, Grants from Government of Rs.2507.97 Crores, Long Term Borrowings of Rs.1267.69 Crores and Current Liabilities including Deferred Credits and Deposits of Rs.1820.20 Crores.

The following statement shows the Revenue Income from Water and Sewerage Charges and Water and Sewerage Tax:

(Rs. in Lakhs)

	2013-14 RS.	2012-13 RS.
A. WATER AND SEWERAGE CHARGES		
METERED		
DOMESTIC	1900.37	1996.41
COMMERCIAL	11584.20	12504.33
INSTITUTIONAL	1270.00	1466.95
MUNICIPALITIES	706.58	266.80
UN-METERED		
DOMESTIC	2880.87	2905.79
COMMERCIAL	1794.61	1776.30
INSTITUTIONAL	22.09	21.67
MOBILE WATER SUPPLY TO PRIVATE CUSTOMERS	2656.47	1691.28
SEWERAGE CHARGES	1981.91	2126.52
SALE OF RAW / SECONDARY TREATED SEWAGE	1301.65	1212.58
TOTAL (A)	26098.75	25968.63
B. WATER AND SEWERAGE TAX		
WATER TAX	2384.77	2301.75
SEWERAGE TAX	8756.88	8439.25
TOTAL (B)	11141.65	10741.00
GRAND TOTAL (A+B)	37,240.40	36,709.60
C. OTHER INCOME	8515.59	6432.86
D. PROVISIONS WRITTEN BACK	95.53	-
E. GRANTS AND SUBSIDIES	25728.74	17615.43
TOTAL INCOME	71580.26	60757.92
F. EXPENDITURE	89853.22	77466.16
G. DEFICIT	18272.96	16708.24

The Deficit of Rs.182.72 Crore is due to Non revision of tariff since 2004 and escalation of cost in O & M of the water & sewerage systems.

4. The total income during the year 2013-14 was in the order of Rs.715.80 Crores and the expenditure was Rs.898.53 Crores, resulting in a net deficit of Rs.182.73 crores, against the deficit of Rs.167.08 Crores during the previous year (2012-13). The Board is providing effective and efficient services and continues to strive to achieve its goals and objectives, though the total revenue income is lesser than the total expenditure.
5. Every year the Board executes various projects to augment water supply and other related works. Therefore, a portion of interest amount is deducted from the total interest accrued for the year and the same is added to the project expenditure as capitalized interest. During the year a sum of Rs.1.66 Crores was deducted from the total interest of Rs.92.24 Crores and capitalized. After capitalization of Interest, a sum of Rs.90.57 Crores has been shown as interest under the Income and Expenditure Account for the year 2013-14.
6. For capacity enhancement and improvements to water supply and sewerage system, the Board has implemented two Desalination Plants, one at Minjur on DBOOT basis and another at Nemmeli with Government of India assistance and several other projects under Jawaharlal Nehru National Urban Renewal Mission (JNNURM), TNUDP III, JICA / JAIOA scheme etc.,

B. PHYSICAL

Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) was constituted in August 1978 to cater to the growing needs of water supply and sewerage services in the Chennai Metropolitan Area. The Board contributes towards the enhancement of quality of life of the citizens of Chennai city by providing them with adequate supply of safe and potable water.

The operational area of Chennai Metropolitan Water Supply and Sewerage Board at present is 426 Sq.Km. The population of Chennai city as per 2011 census is 67.27 lakhs. CMWSSB provides water supply and sewerage services to Chennai city through 15 Area Offices and 200 Depot Offices.

1. Drinking water sources to Chennai city

1.1 Surface Water:

Surface water sources remain the mainstay of water supply to Chennai city. The surface reservoirs of Poondi, Cholavaram, Redhills (Puzhal), Chembarambakkam and Veeranam lake in Cuddalore district are important sources of drinking water to Chennai city.

The Telugu Ganga Project, conveys Krishna river water from the Kandaleru reservoir situated in Andhra Pradesh to Chennai City.

1.2 Desalination Plants

Surface water availability is dependent on the vagaries of the monsoon. To drought proof Chennai drinking water supply needs the Hon'ble Chief Minister announced setting up of desalination plants way back in 2003-04.

Minjur Desalination Plant

One 100 mld (Million litres per day) desalination plant on Design Build Own Operate and Transfer (DBOOT) basis, was commissioned at Minjur and water is being supplied to Chennai city.

Nemmeli desalination plant

A 100 mld desalination plant at Nemmeli constructed with an outlay of Rs. 871.24 Crore with Government of India funding was commissioned by the Hon'ble Chief Minister on 22.02.2013 and Water is being supplied to the Chennai City. The Hon'ble Chief Minister has announced that another 150 MLD desalination plant will be constructed in the available land at Nemmeli. Detailed project report is under preparation.

400 MLD Desalination Plant

The Hon'ble Chief Minister has also announced a 400 MLD desalination plant at South of Chennai to meet the growing water demand of Chennai city for which detailed project report is under preparation.

1.3 Ground water

Water from ground water aquifers at Minjur, Tamaraipakkam, Poondi and Veeranam supplement the water supply to Chennai. Average yield of Ground water is around 30 mld.

1.4 Operations and Maintenance of Water supply

831 mld (Million litres per day) of water is being supplied to Chennai city. Of this 766 mld is supplied to domestic consumers, 28 mld of water to bulk consumers and 37 mld of water is being supplied to industrial consumers. The average supply of water is 145 lpcd for old Chennai city areas. CMWSSB is currently taking up various projects to provide comprehensive water supply and sewerage services to the newly added areas of the city.

The Board maintains an elaborate network of facilities to provide these services. Since its inception in 1978, the board has improved its services and the infrastructure it maintains has seen a manifold increase. The details are:

Growth in Water Supply Operations

Description	In 1978	In 2013
Operational area (sq.km)	174	426
Population (in lakh)	28.60	69.51
Water Supply (mld)	240	831
Length of water mains (Km)	1,250	5,275
Distribution stations	3	74
Water treatment capacity (mld)	182	1,494
Consumers	1,16,000	6,22,906

2. Water supply

CMWSSB is taking up various schemes for augmenting water supply to underserved areas with special focus on covering the 42 newly added areas.

2.1 Second water transmission main from Chembarambakkam to Poonamallee bye-pass junction.

In order to convey the full quantity of 530 mld of treated water from Chembarambakkam, to the city, Government has accorded Administrative sanction for laying a second pipe line of 2000 mm dia. from Chembarambakkam Water Treatment Plant up to the Poonamallee bye-pass junction for a length of 6.5 Kms at an estimated cost of Rs. 41.35 Crore. This work is currently under progress.

2.2 Extension of water supply to Tambaram, Pallavaram and Pammal areas

The Government has sanctioned a sum of Rs. 93.48 Crore from the Infrastructure and Amenities Fund to lay a 1200 mm dia Mild Steel (M.S) transmission main from Poonamallee bye-pass junction to Tambaram for a length of 22 Kms. This work will extend the water supply to Tambaram, Pallavaram, Pammal and other nearby Urban Local Bodies. Work on this project will commence soon.

2.3 Chennai Mega City Development Mission 2011- 12

The Hon'ble Chief Minister launched the Chennai Mega City Development Mission to improve infrastructure and basic amenities in Chennai City with special focus on the newly added areas. The following water supply works have been taken up for the year 2011-12 at a cost of Rs. 56.50 Crore of the total sanctioned amount of 189.10 Crore which includes providing sewerage schemes:-

Sl. No.	Water supply works	Amount (Rs. in Crore)	Status of works
1	Laying of water supply lines in uncovered areas of Slums to supply water to Below poverty line families	23.56	Work in progress
2	Providing Under Ground Tanks and Water filling points in Newly Added areas	12.23	Work in progress
3	Replacement of choked water mains / PVC mains	20.71	Work in progress
Total		56.50	

2.4 Chennai Mega City Development Mission 2012-13

The Government have sanctioned an amount of Rs. 192.02 crore for the year 2012-13 for implementing eight comprehensive water supply schemes to the newly added areas of Chennai City. Tenders were invited and it is under evaluation. The details of the schemes are as follows:-

Sl. No.	Water supply scheme	Project cost (Rs. in Crore)
1	Nolambur	18.00
2	Karambakkam	20.56
3	Ramapuram	32.54
4	Manapakkam	10.92
5	Nandambakkam	6.00
6	Okkiyam-Thoraipakkam	46.00
7	Injambakkam	22.30
8	Sholinganallur-Karapakkam	35.70
Total		192.02

2.5. Jawaharlal Nehru National Urban Renewal Mission (JNNURM)

The details of Water supply Improvement works taken up under JNNURM are as under:

Sl. No.	Water Supply Scheme	Est. cost (Rs. in Crore)	Status of implementation
1	Improvement works to water supply system in Chennai city	322.00	Work in progress
2	Maduravoyal	23.30	Work in progress
3	Ullagaram-Puzhuthivakkam	24.24	Work in progress
4	Thiruvottiyur	85.11	Work in progress
5	Alandur - improvement works	64.39	Work in progress
6	Ambattur	267.08	Work in progress
7	Nerkundram	19.17	Work in progress
	Other Local Bodies		
8	Avadi Municipality	103.84	Work in progress
	Total	909.13	

2.6. Japan International Co-operative Agency (JICA) Funds

Comprehensive water supply scheme for Madhavaram has been taken up with Japan International Co-operative Agency (JICA) funds at an estimated cost of Rs. 55 Crore and the works are in progress.

3. Sewerage Services

CMWSSB provides sewerage services including waste water treatment. Chennai has an installed capacity of 558 mld for treatment of sewage generated. The sewerage services of the board have increased tremendously since its inception in 1978.

Description	In 1978	In 2013
Length of sewer mains (in Km)	1,223	3,643
No. of pumping stations	58	218
Sewage treatment capacity (mld)	57	558
No. of consumers	1,14,000	7,35,608

CMWSSB is implementing sewerage projects under various schemes.

3.1. Chennai Mega City Development Mission 2011 - 12

Six sewerage works and procurement of sewerage maintenance equipment have been taken up at a cost of Rs. 132.60 Crore. Their status is as under:

Sl. No.	Sewerage Works	Cost (Rs. in Crore)	Status of Work
1	Laying of force mains between pumping stations	9.26	Work in progress
2	Enlargement of Sewage Pumping Mains	32.43	Work in progress
3	Re-routing of Sewage Pumping Mains	22.98	Work in progress
4	Insertion of manholes in Mogappair, construction of Roadside pumping stations with submersible pumpsets	15.61	Work in progress
5	Improvement to existing Sewage Pumping stations	11.24	Work in progress
6	Procurement of 35 Nos. of Jet Rodding and 50 Nos. of Desilting machines	9.90	Procurement in progress
7	Enlargement of sewer mains	31.18	Work in progress
	Total	132.60	

3.2. Chennai Mega City Development Mission 2012 - 2013

The Government of Tamil Nadu have sanctioned a sum of Rs. 260.75 crore for taking up 3 sewerage schemes and procurement of Machineries. The details are as follows:-

Sl. No.	Under Ground Sewerage Schemes	Project Cost (Rs. in Crore)
1	Kathivakkam	86.15
2	Ramapuram	48.50
3	Sholinganallur-Karapakkam	110.90
	Sub-Total	245.55
4	Procurement of sewerage maintenance equipments	15.20
	Grand Total	260.75

For the above works, tenders were invited and it is under evaluation.

3.3 Jawaharlal Nehru National Urban Renewal Mission (JNNURM)

The details of works taken up are as under:

Sl. No.	Sewerage Works	Est. Cost (Rs. in Crore)	Status of implementation
1	Providing water supply and sewerage facilities along Rajiv Gandhi Salai	41.77	Work in progress
2	60 mld Additional Sewage Treatment Plant at Perungudi	31.48	Completed.
3	54 mld Additional Sewage Treatment Plant at Nesapakkam	54.57	Work in progress
4	Ullagaram-Puzhuthivakkam UGSS	28.08	Work in progress
5	Ambattur UGSS	130.91	Work in progress
6	Maduravoyal UGSS	57.45	Work in progress
7	Porur UGSS	38.29	Work in progress
8	Perungudi UGSS	20.19	Work in progress
9	Pallikaranai UGSS	58.61	Work in progress
	Other Local Bodies		
10	Avadi Municipality	158.05	Work in progress
11	Tambaram Municipality	160.97	Work in progress
12	Thirumazhisai Town Panchayat	20.47	Work in progress
	Total	800.84	

3.4 Tamil Nadu Urban Development Programme - III

Sewerage schemes for three newly added areas have been taken up at a cost of 203.60 Crore. The details are as under:

Sl. No.	Sewerage Works	Est. cost (Rs. in Crore)	Status of implementation
1	Thiruvottiyur	87.63	Work in progress
2	Madhavaram	50.22	Work in progress
3	Ambattur Phase - I	65.75	Work in progress
Total		203.60	

3.5. Power generation from sewage treatment plants

CMWSS Board has commissioned 5 Nos. of Sewage Treatment Plants (STPs) with a total capacity of 324 mld in the last 7 years. Bio gas produced in these plants is used to generate electricity which is in turn used to meet the power requirements of the sewage treatment plants.

Sl. No.	Sewage treatment plant	Sewage treatment capacity in mld	Power Produced in Kwh/day
1	Kodungaiyur	110	12,000
2	Koyambedu	60	5,000
3	Nesapakkam	40	5,800
4	Perungudi I	60	7,200
5	Perungudi II	54	7,000
Total		324	37,000

In the last seven years electricity worth Rs. 29.94 Crore has been produced. This has reduced the dependency of the STPs on electricity drawn from the TANGEDCO Grid. It is proposed to continue this initiative in upcoming Sewage Treatment Plants wherever found to be feasible.

The utilization of biogas for production of power reduces the emission of green house gases such as Methane (CH₄) and Carbon dioxide (CO₂) into the atmosphere and also procuring Electricity from TANGEDCO. During the last 7 years 3,73,356 tonnes of Carbon dioxide (CO₂) emission reduction achieved and 1.424 MW (Mega Watt) electricity was saved.

3.6. Mechanisation of sewer cleaning operations

The Board has introduced mechanisation of the operation and maintenance of its sewerage system. 116 Desilting Machines, 73 Jet Rodding Machines, 3 Jetting cum suction Machines and 3 Super Suction Machines have been deployed to maintain the city's sewer system. The Board is taking action to procure the following machines to augment its capacity.

Equipments under procurement

Sl. No.	Machine	Nos.	Est. cost (Rs. in Crore)	Scheme
1	Jet-Rodding machine	10	2.00	State Plan Scheme 2011-2012
2	Desilting machine	50	2.71	Chennai Mega City Development Mission 2011- 2012
3	Jet Rodding machine	35	7.19	
4	Desilting machine	66	3.30	Chennai Mega City Development Mission 2012- 2013
5	Super Sucker machine	30	7.50	
6	Jetting-cum-Suction machine	20	4.40	
7	Jet Rodding machine	14	2.80	M.L.A. / M.P. constituency funds
8	Super Sucker machine	8	2.00	
9	Desilting machine	33	1.65	
10	Jetting cum Suction machine	3	0.66	
Total		269	34.21	

3.7. Waste water Management

The sewage generated from the houses is connected to the sewerage system of a length of about 4,265 kms. This sewage is taken to 218 sewage pumping stations. The sewage system of the city is divided into five zones with independent zonal collection, conveyance, treatment and disposal facilities. The collected sewage from pumping stations is conveyed to 11 Sewage Treatment Plants.

Existing Sewage Treatment Plants

Sl. No.	Treatment Plant	Capacity in mld
1	Nesapakkam (2 units : 23+40 mld)	63
2	Kodungaiyur (3 units : 110+80+80 mld)	270
3	Koyambedu (2 units : 34+60 mld)	94
4	Perungudi (2 units : 54+60 mld)	114
5	Villivakkam (1 unit : 5 mld)	5
6	Alandur (1 unit : 12 mld)	12
Total (11 units)		558

Sewage Treatment Plants under constructions

Sl. No.	Location	Capacity in mld	Estimate cost Rs. in Crore	Present stage
1	Nesapakkam	54	54.57	Work in progress
2	Thiruvottiyur	36	26.33	
3	Sholinganallur	18	33.71	
4	Koyambedu	120	116.10	
Total		228	230.71	



Further an STP of 135 mld capacity at Villivakkam, another STP of 100 mld capacity at Sholinganallur and another STP of 6 mld at Navalur are planned for future.

3.8. Plugging of sewage outfalls

In order to improve the sewerage system in Chennai city and its adjoining areas, a comprehensive action plan for Waste Water Management has been prepared to prevent the entry of sewage into the City's River system.

The Government have sanctioned a sum of Rs. 150 Crore during the year 2012 – 2013 as the first installment under “**Infrastructure and Amenities Fund**” for plugging 179 out of 337 sewage outfalls. Work on this project will commence soon.

3.9. Recycling of waste water

To meet the water demand for non-domestic purposes, this Government is promoting the utilization of treated waste water. The process of preparing the Detailed Project Report and Bid Documents for setting up a 45 mld Tertiary Treatment Reverse Osmosis (TTRO) plant at Koyambedu is currently under progress. This would meet the needs of SIPCOT industrial consumers at Irungattukottai, Sriperumbudur and Oragadam.

4. Added areas

42 local bodies have been added to Chennai City Corporation. Projects are being taken up by the Board to improve and provide water supply and sewerage services to these areas.

4.1. Water supply

Water supply systems were available for 2 areas viz. Kathivakkam and Valasaravakkam. The water supply scheme for Porur has been completed. Water supply improvement works in Alandur are under progress and are expected to be completed shortly. Water supply schemes in 7 areas viz. Thiruvottiyur, Maduravoyal, Nerkundram, Ullagaram-Puzhuthivakkam, Ambattur, Madhavaram and Meenambakkam are under progress.

Action has been initiated to provide water supply facilities to 9 areas viz. Manapakkam, Sholinganallur, Karapakkam, Okkiyam-Thoraipakkam, Injambakkam, Nandambakkam, Karambakkam, Ramapuram and Nolambur under Chennai Mega City Development Mission 2012-13. Action is being taken to take up water supply schemes for the remaining 22 areas.

4.2. Sewerage Services

Of the 42 local bodies recently added to Chennai Corporation, sewerage systems are available for Valasaravakkam and Alandur. Sewerage system is partly available in Thiruvottiyur, Ambattur, Edayanchavadi, Maathur, Nolambur and Kottivakkam.

Sewerage schemes in 9 local bodies viz. Thiruvottiyur, Madhavaram, Ambattur, Maduravoyal, Porur, Ullagaram-Puzhuthivakkam, Perungudi, Pallikaranai and Meenambakkam are under progress. Action has been initiated to provide sewerage services to 4 areas viz. Sholinganallur, Karapakkam, Ramapuram and Kathivakkam under Chennai Mega City Development Mission 2012-13. The Board is taking action to provide sewerage schemes for the remaining 27 areas.

5. GRIEVANCE REDRESSAL

The Board has taken following various steps to improve transparency in service delivery and ensure speedy redressal of complaints.

5.1. Complaints Monitoring System

The Area Offices, Depot Offices and Head Office are interlinked through a Wide Area Networking

(WAN). The consumers, irrespective of their location, can register their grievances in any of the offices over phone or in person and the registered grievances are instantly transferred through the Grievances Monitoring System to the concerned Depot office for taking necessary action. Action taken on such grievances / complaints is also monitored through this system.

- Only 15% complaints are being registered in Head office (10% through Phone & 5% from Website)
- 56% of complaints are being attended on the day of registration

5.2. Grievance Monitoring System using SMS

The Short Message Service (SMS) has also been implemented in the Board, by which any Consumer can register a complaint over mobile phone and get an acknowledgement for the complaint from Metro water by SMS. The received complaints are automatically forwarded to the relevant Depot Engineer through SMS, by the Grievances Monitoring System in order to take remedial action. After redressal of the complaint, action taken is informed to the consumer through SMS. In this type, at an average of 50 to 70 complaints per day have been received and attended.

5.3. Complaint redressal through website

Consumers can register their complaints through the Board's website i.e. **www.chennai metro water.tn.nic.in** and through e-mail **cmwssb@md2.vsnl.net.in** The registered complaints are forwarded to the respective Area Offices and the same are redressed as per Citizens' Charter.

5.4. Open House Meeting

To improve service delivery, the Board conducts Open House Meetings in all the Area Offices between 10.00 A.M. and 1.00 P.M. on every 2nd Saturday of the month. These meetings are presided over by the Senior Officers of the Board. The complaints / grievances / suggestions received during these meetings are attended to immediately.

5.5. Complaint Monitoring - 24x7

A round the clock complaint cell is functioning at the Head Office of the Board. Consumers can register their complaints / grievances either in person or by dialing 28454040/45674567. The registered complaints are immediately transferred online to the concerned Depot Engineers and also by an SMS through the mobile phone and attended to immediately.

6. Information Technology

The Board has provided the facility for online payment of water Tax and charges and registering complaints. The existing Oracle application software was upgraded from R 11 to R 12 and 10 G to 11G data has been upgraded. The Oracle e-business software was extended to all areas for B&C and Finance (Accounts).

7. Rain water Harvesting

Rain Water Harvesting is the brain child of Hon'ble Chief Minister.

Tamil Nadu is a pioneer in the field of Rain Water Harvesting, thanks to the visionary efforts of the Hon'ble Chief Minister. The Board has taken various measures to popularise Rain Water Harvesting among the residents of Chennai City.

A special Rain Water Harvesting Cell offers guidance to the residents to install the Rain Water Harvesting structure and its maintenance.

The Chennai Metropolitan Area Ground Water (Regulation) Act, 27 of 1987 has been amended in October 2002 to make installation of Rain Water Harvesting structure, mandatory in all types of buildings.

To get new/renewal of water and sewer connections, installation of Rain Water Harvesting have been made mandatory for all the buildings irrespective of size and area.

The Rainwater Harvesting Awareness Campaign was conducted for proper maintenance of Rain water Harvesting structures and 8 lakh nos. of RWH structures are available.

Chennai Metropolitan Water Supply and Sewerage Board has taken various means of campaigning through Media, F.M. Radio, Display through Flex Banners, Issue of Pamphlets/stickers and Display of Float with RWH working model to reach the public.

Every month on an average 1100 numbers of new constructions of RWH structures are being ensured at premises where water and sewer connections are effected by CMWSSB.

In Chennai city, assessment on the ground water level and quality is being made through a network of observation wells. The results show that the ground water level has risen between 15 to 20 feet and the water quality (Total Dissolved Solids) has improved in the range of 500 to 3000 ppm. Following the implementation of the Rain Water Harvesting scheme, ground water levels and its quality is improving year after year.

Thiru. K. PHANINDRA REDDY

Principal Secretary to Government

FINANCIAL SUMMARY – FIVE YEARS AT A GLANCE

(Rs. in Crores)

PARTICULARS	2013-14	2012-13	2011-12	2010-11	2009-10
A. INCOME					
Sale of water & Water and Sewerage Tax	372.4	367.11	341.38	340.05	319.49
Other Income	343.4	240.47	188.78	180.55	73.12
Total Income	715.80	607.58	530.16	520.60	392.61
B. EXPENDITURE					
Salaries & Wages	157.27	153.71	158.66	131.97	127.91
Repairs and Maintenance	439.47	327.3	263.27	227.73	117.21
Interest	90.57	96.05	93.99	93.11	95.17
Depreciation	146.38	138.43	130.15	120.27	116.80
Other Expenditure	64.84	59.17	65.81	72.97	35.02
Total Revenue Expenditure	898.53	774.66	711.88	646.05	492.11
Excess of Expenditure over Income (A-B) – Deficit	-182.73	-167.08	-181.72	-125.45	-99.50
Contributions	1483.68	1423.72	1231.77	1174.42	1106.44
Grants from Government	2507.97	1939.42	1485.63	1075.58	852.18
Long term borrowings	1267.69	1310.3	1370.32	1240.38	1304.3
Fixed Assets	5452.42	4857.1	4480.87	4036.35	3564.42
Net Current Assets	-934.69	-742.52	-784.95	-756.05	-386.14
Accumulated Surplus / Deficit	-741.60	-558.87	-391.76	-210.07	-84.62
No. of employees as at the end of year	3,483	3,573	3,929	4,167	4,333



PERSONNEL AND ADMINISTRATION DEPARTMENT

Personnel and Administration Wing is responsible for human resource management and all welfare measures in respect of staff of the Board. Personnel and Administration Department is headed by the General Manager who is on deputation from Revenue Department in the rank of District Revenue Officer. He is also Secretary to the Board for conducting various Statutory meetings. General Manager will report to the Managing Director. The General Manager is assisted by the following officers.

- 1) Staff Manager
- 2) Industrial Relations Manager
- 3) Public Relations Manager
- 4) Senior Administrative Officer(Board)
- 5) Senior Administrative Officer(Vigilance Cell)
- 6) Senior Administrative Officer(Legal Cell)
- 7) Senior Administrative Officer(RTI)
- 8) Tahsildar (Land & Estate)
- 9) Tahsildar (Land Acquisition)
- 10) Standing Legal Advisor

The Personnel and Administration Department consists of sensitive sections such as Recruitment and Appraisal, Vigilance Cell, Legal Cell, Board, Service Records, Mails, Record Room, Public Information, Labour Records & Recruitment, Labour Records, Public Relations, Record Room Safety.

The important functions carried out by the above sections includes appointments (Direct / Transfer / Deputation), Promotions, Compassionate Ground Appointments, General Administration, Adoption of GOs issued by the Government, Preventive Vigilance, Vigilance complaints. Investigation and Disciplinary Proceeding, Permission to obtain Passport, all the legal matters in respect or Writ Petitions, Writ Appeals, engagement of counsels to defend the cases filed against the Board, Conducting Board meetings, various committees, sanction of leave, Increments, Granting Selection Grade/Special Grade, Declaring Probation, Receipt and Distribution of Tapals, Maintaining Records of the Board, Welfare measures in respect of Labour establishment staff, Sanction of HBA, Advances, Allowances, Medical Reimbursement, Health Insurance, Retirement benefits, Death-cum-Retirement benefits etc.,

CHENNAI METROWATER SUPPLY AND SEWERAGE BOARD STAFF STRENGTH PARTICULARS AS ON 31.03.2014

Sl. No.	Designation	Method of appointment	Sanctioned Strength	Operating Strength	No. of Vacant Post
1	Managing Director	I.A.S.	1	1	0
2	Executive Director	I.A.S.	1	1	0
3	Finance Director	IA & AS	1	1	0
4	Engineering Director	Promotion	1	1	0
5	Chief Engineer	Promotion	5	5	0
6	Chief Controller of Finance	Promotion	1	1	0
7	General Manager	Deputation	1	1	0
8	Internal Auditor	Deputation	1	1	0
9	Superintending Engineer	Promotion	17	16	1
10	Controller of Finance	Promotion	2	1	1
11	Financial Analyst	Direct	1	0	1
12	Industrial Relations Manager	Direct/ Promotion	1	0	1
13	Public Relations Manager	Deputation	1	1	0
14	Deputy Controller of Finance	Deputation	7	2	5
15	Information Technology Manager	Promotion	1	1	0
16	Data Processing Manager	Direct / Promotion	1	1	0
17	Information Facilitation Officer	Direct/ Promotion	1	0	1
18	Executive Engineer *	Promotion	57	52	5
19	Hydrogeologist	Promotion	1	1	0
20	Staff Manager	Deputation/ Promotion	1	0	1
21	Senior System Analyst	Direct/ Promotion	1	0	1
22	Chief Analyst	Promotion	1	0	1
23	Medical Officer	Other Method	1	1	0
24	Assistant Executive Engineer	Promotion	161	148	13
25	Chief Chemist / Water Analyst	Promotion	7	7	0
26	Deputy Hydrogeologist	Promotion	2	2	0
27	Senior Accounts/ Senior Admv.Officer	Direct/ Promotion	37	18	19



28	Deputy Public Relations Manager	Promotion	1	1	0
29	System Analyst (2 Post kept in abeyance)	Direct/ Promotion/ transfer	3	1	2
30	Assistant Engineer (Civil/Mech)	Direct & transfer	262	142	120
31	Assistant Engineer (Electrical)	Direct & transfer	118	66	52
32	Junior Engineer (Civil/Mech)	Promotion	88	55	33
33	Junior Engineer (Electrical)	Promotion	40	68	-28
34	Assistant Hydrogeologist	Direct	6	3	3
35	Technical Officer	Direct & Promotion	1	1	0
36	Accounts / Admv. Officer	Promotion	37	35	2
37	Programmer	Direct/ Promotion	10	6	4
38	Junior Accounts / Junior Admv. Officer	Promotion	130	45	85
39	Assistant Water Analyst / Chemist	Direct / transfer	20	0	20
40	Steno Typist Grade-I	Promotion	7	7	0
41	System Operator	Direct/ Promotion/ transfer	18	13	5
42	Photographer	Direct	1	0	1
43	Technical Assistant/ Technician	Direct	3	1	2
44	Steno Typist Grade-II	Promotion	20	20	0
45	Overseer	(Absorbed from T.Panchayat)	1	1	0
46	Draughtsman-cum-Surveyor	Direct	65	10	55
47	Electrical Operator (HT)	Direct & Other Method	171	16	155
48	Electrical Operator (LT)	Promotion	46	45	1
49	Lab Technician Grade-I	Promotion	11	9	2
50	Lab Technician Grade-II	Direct	15	0	15
51	Pharmacist	Other Method	1	1	0
52	Farm Manager	Promotion	1	1	0
53	Assistant	Promotion	100	47	53

54	Librarian	Direct	1	0	1
55	Depot Manager Grade-I	Promotion	22	21	1
56	Depot Manager Grade-II	Promotion	88	76	12
57	Electrician	Promotion	128	109	19
58	Junior Assistant (Newly Merged post) (242 + 17)	Promotion / Direct/ transfer	259	0	259
59	Junior Assistant	Promotion/ Direct/ transfer	29	29	0
60	Steno Typist Grade-III**	Direct	21	21	0
61	Data Entry Operator**	Direct/ transfer	7	7	0
62	Typist & Typist Grade-I**	Direct/ transfer	15	15	0
63	Depot Manager**	Direct/ transfer	38	38	0
64	Driver	Direct/ transfer	67	26	41
65	Telephone Operator	Direct/ transfer	4	2	2
66	Motor Cycle Messenger (manned by LMV Driver)	Direct/ transfer	1	0	1
67	Electrical Superintendent	Obsorption / TWAD	1	1	0
68	Pump House Motor Driver	Direct and promotion	1	0	1
69	Fitter Grade-II (2 Persons from T.Panchayat)	Direct and promotion	5	5	0
70	Fitter	(Absorbed from T.Panchayat)	1	1	0
71	Mechanic Gr.II		1	1	0
72	Pump Operator I & II		10	10	0
73	Electrical Pumpsman		154	10	144
74	Fieldman	Other Method	1	0	1
75	Lift Operator	Direct	1	1	0

76	Chloronome Operator	Promotion	8	5	3
77	Filter Operator	Promotion	17	6	11
78	Record Assistant	Direct and Promotion	45	17	28
79	Office Assistant	Direct	102	31	71
80	Pipeline Fitter (Gr.I &II)	(Absorbed from T.Panchayat)	2	2	0
81	Switch Board Operator	(Absorbed from T.Panchayat)	2	2	0
82	Wireman	(Absorbed from T.Panchayat)	1	1	0
83	Electrical Helper	(Absorbed from T.Panchayat)	2	2	0
84	Sweeper / Scavenger / Sanitary Worker	Direct	15	11	4
85	Watchman / Gurkha Watchman	Direct	50	33	17
86	Tahsildar	Deputation	11	10	1
87	Field Assistant/Sub Ins. Survey	Deputation	2	1	1
	Total Staff Strength		2601	1351	1250
88	Labour Establishment (includes 189 absorbed from Town Panchayat)	Direct	4552	2080	2472
	Driver (HMT)		101	52	49
	Grand Total		7254	3483	3771

* 2 supernumerary posts of Exe.Engr. have been created to comply the Supreme Court order

** vacancies merged with Newly Created Junior Assistant

TRAINING CENTRE

Metrowater Training Centre is conducting various In-house training programmes for our staff and CPHEEO sponsored training programmes both for other organization all over India and for our staff. In addition to this special training programme are conducted every year according to the necessity.

IN-HOUSE TRAINING PROGRAMMES

In the In-house training programme, 30 courses and CPHEEO training programme, 4 courses have been conducted under the following module.

1. Operation and Maintenance
2. Water Quality
3. Sewage disposal
4. Human Resource Development
5. Project Management
6. Financial management
7. CPHEEO Sponsored Courses

In the year 2013-14, 1620 staff including Field workers of our Board have been trained in the training programmes conducted by the Training Centre.

SPECIAL TRAINING PROGRAMMES

In addition to the above training programmes, special training programmes have been conducted at the training centre.

S.No.	Name of the Course	No. of Participants
1.	Recruiting temporary appointment for Retired Employee – Written Exam conducted during 20.08.2013.	107
2.	One day Special Practical Field training programme on “Safety for Sewer System Maintenance” by using machineries with all safety measures for all field workers at the field of the respective areas.	289
3.	Departmental Exam has been conducted to the Board staff.	199



AREA & DEPOT DETAILS

S. No.	Description	Area I	Area II	Area III	Area IV	Area V	Area VI	Area VII	Area VIII
1.	Name	Thiru vottiyur	Manali	Madha varam	Tondiar pet	Roya puram	Thiru-vi-ka Nagar	Ambattur	Anna Nagar
2.	No. of Depots	14	7	12	15	15	15	15	15
3.	Population (as per COC)	317301	131868	196027	647694	627112	909121	521738	941000
4.	No. of Streets	1381	877	2562	2840	1387	2266	2252	2412
5.	Length of Streets (km)	226.276	166.91	457.047	441.341	250.419	353.64	362.883	353.87
6.	Total Length of water main (km)	82.737	168.76	412.55	398.48	270.321	377.571	257.33	399
7.	Total Length of sewer main (km)	57.37	37.73	0	464.11	258.088	361.212	119.739	360.16
8.	No. of manholes	1820	1697	0	12676	8261	10648	3811	11114
9.	No. of pumping stations	6	2	0	34	21	17	6	29

S. No.	Description	Area IX	Area X	Area XI	Area XII	Area XIII	Area XIV	Area XV	Total
		Teynam pet	Kodam bakkam	Valasara vakkam	Alandur	Adyar	Perun gudi	Sholinga nallur	Chennai
1.	No. of Depots	18	16	13	12	13	11	9	200
2.	Population (as per COC)	1159000	1103542	467436	272174	796059	290794	298900	8679766
3.	No. of Streets	1758	2367	3095	1700	2794	2674	1820	32185
4.	Length of Streets(km)	390.73	440.745	407.051	254.91	406.216	406.292	271.135	5189.47
5.	Length of water main (km)	419.655	487.148	253.47	250.18	450.583	322.589	260.54	4810.91
6.	Length of sewer main (km)	394.59	461.935	92.7	144.44	425.789	6.71	0	3184.57
7.	No. of manholes	10335	12121	3409	4915	15672	112	0	96591
8.	No. of pumping stations	23	24	7	2	46	2	0	219

LIST OF FIXED ASSETS

SUB SCHEDULE TO SCHEDULE F TO BALANCE SHEET

(Rs. in Lakhs)

FIXED ASSETS - WATER SUPPLY	2013-14
DAMS, RESERVOIRS AND SOURCE RESERVOIRS	1825.10
WELLS INCLUDING TUBE WELLS	3421.98
INFILTRATION GALLERIES	1.59
OPEN CHANNELS	331.65
TRANSMISSION CONDUITS	70355.55
PUMPING PLANT	13541.90
FILTRATION PLANT	207.58
TREATMENT PLANT - WATER SUPPLY	21271.03
TREATED WATER TANKS	4916.60
POWER GENERATORS	689.83
DISTRIBUTION MAINS	69903.62
HYDRANTS	2.32
BOOSTERS AND PUMPING STATIONS	7937.78
SERVICE CONNECTIONS - WATER SUPPLY	14322.20
VENTURI AND FLOW METERS	623.05
CUSTOMERS METERS	172.58
HAND BORING SETS	56.20
PUBLIC FOUNTAINS	369.50
LAND - WATER SUPPLY	1905.01
OTHER CIVIL STRUCTURES - WATER	29218.27
ELECTRICAL EQUIPMENTS - WATER	1374.57
OTHER EQUIPMENTS AND TOOLS - WATER	680.48
CHENNAI CITY TRANSMISSION AND DISTRIBUTION PR	26452.73
MOBILE WATER LORRIES	3.79
PROJECT COMM II - CHENNAI PROJECT	5551.48
PROJECT COMM 530MLD	1616.99
TOTAL	276753.38



(Rs. in Lakhs)

FIXED ASSETS - SEWERAGE	2013-14
SERVICE CONNECTIONS - SEWERAGE	3714.14
COLLECTION SEWERS	34261.51
PUMPING PLANT	14880.01
POWER GENERATORS	836.79
FORCE & GRAVITY MAINS	18555.04
TREATMENT PLANT - SEWERAGE	5650.55
PILOT PLANTS	68.66
OXIDATION PONDS	0.66
SEWERAGE FARMS	1094.61
OTHER EQUIPMENTS AND TOOLS - SEWERAGE	3962.93
LAND - SEWERAGE	113.27
OTHER CIVIL STRUCTURES	13972.08
ELECTRICAL EQUIPMENTS	4610.82
SEWERAGE MOBILE LORRIES	95.99
PROJECT COMM - CCRCP SEW.	971.52
TOTAL	102788.58

(Rs. in Lakhs)

FIXED ASSETS - GENERAL	2013-14
LAND - GENERAL	74.92
ROADS & BRIDGES	1447.94
BUILDINGS	1763.35
FURNITURE & FIXTURES	252.25
OFFICE EQUIPMENTS - GENERAL	454.02
CONSTRUCTION EQUIPMENTS	1403.51
RESOURCE CENTRE PLANT AND EQUIPMENT	36.87
LABORATORY EQUIPMENT	129.33
SURVEY AND DRAWING OFFICE EQUIPMENT	3.89
COMMUNICATION EQUIPMENT	92.85
OFFICE VEHICLES	369.84
OPEN LORRIES/MINI LORRIES	13.22
OTHER EQUIPMENT - GENERAL	118.43
COMPUTER INSTALLATIONS	1075.79
TOTAL	7236.21

**REASONS FOR THE DELAY IN PLACING THE ANNUAL REPORT WITH
ANNUAL ACCOUNTS OF CHENNAI METROPOLITAN WATER SUPPLY AND
SEWERAGE BOARD FOR THE YEAR 2013-14 ON THE TABLE OF
THE HOUSE OF LEGISLATIVE ASSEMBLY**

1.	a)	When the Annual Accounts have to be finalized by the Government Companies as per the instructions of the Finance Department.	30.06.2014
	b)	The actual date of finalization of accounts	18.12.2015
	c)	The reason for not finalizing the accounts on due date	Due to integration of accounts of 42 local bodies and re-organisation of city there was considerable delay in completion of accounts.
2.	a)	When the auditors have to be appointed to audit the accounts	As and when C&AG recommends the Auditor and approved by Government
	b)	The date on which the auditors were appointed	19.09.2014
	c)	The reasons for not appointing the auditor on the due date	Board Meeting was not held for a period of eight months
3.	a)	When the auditors have to finalise the audit	31.10.2014
	b)	The actual date of finalizing the audit	18.12.2015
	c)	The reasons for not finalizing the audit on the due date	A consultant was appointed for verification and valuation of the Assets and Liabilities of the 42 Local Bodies, after physical taking over of Assets and Liability by Board. The consultant took more time to collect the records and details from 42 Local Bodies. They submitted their report based on which the accounts of erstwhile Local Bodies have been integrated with CMWSS Board accounts. Due to the above reason, the Accounts could not be produced to Auditors within the scheduled time for the year 2011-12 & 2012-13. Since there was delay in completion of 2011-12 & 2012-13 accounts there is subsequent delay occurred in completion 2013-14 accounts.
4.	a)	When the comments of the Accountant General have to be obtained	Not Applicable
	b)	The actual date on which the comments were received	Not Applicable
	c)	The reasons for delay if any	Not Applicable
5.	a)	The date on which the Annual Accounts have to be placed before Board Meeting	30.11.2014



	b) c)	The date on which actually placed The reasons for delay	23.02.2016 A consultant was appointed for verification and valuation of the Assets and Liabilities of the 42 Local Bodies, after physical taking over of Assets and Liability by Board. The consultant took more time to collect the records and details from 42 Local Bodies. They submitted their report based on which the accounts of erstwhile Local Bodies have been integrated with CMWSS Board accounts. Due to the above reason, the Accounts could not be produced to Auditors within the scheduled time for the year 2011-12 & 2012-13. Since there was delay in completion of 2011-12 & 2012-13 accounts there is subsequent delay occurred in completion 2013-14 accounts.
6.	a) b)	The date on which the printed annual report have to be received The reasons for not receiving on due date	31.12.2014 A consultant was appointed for verification and valuation of the Assets and Liabilities of the 42 Local Bodies, after physical taking over of Assets and Liability by Board. The consultant took more time to collect the records and details from 42 Local Bodies. They submitted their report based on which the accounts of erstwhile Local Bodies have been integrated with CMWSS Board accounts. Due to the above reason, the Accounts could not be produced to Auditors within the scheduled time for the year 2011-12 & 2012-13. Since there was delay in completion of 2011-12 & 2012-13 accounts there is subsequent delay occurred in completion 2013-14 accounts
7.	a) b) c)	The date on which the accounts have to be sent to the Government The actual date on which the accounts were sent The reason for delay if any	31.12.2014 21.06.2016 -
8.	a) b) c)	The date on which the annual report were received by the Government The time taken to review the report Reasons for delay	21.06.2016 80 days -
9.	a) b)	The date on which the annual accounts should be placed on the table of the legislative assembly The date on which the annual accounts should be sent to legislative assembly	Before 31.03.2015 Before ensuing session

Thiru. K. PHANINDRA REDDY
Principal Secretary to Government