

## CONTENTS

| S. No. | Subject                                                                                        | Page No. |
|--------|------------------------------------------------------------------------------------------------|----------|
| 1      | Presentation of Budget by Chief Executive Officer, DJB                                         | 1-16     |
| 2      | Budget at a Glance-Plan Works: Loan/Grant (Sector wise)                                        | 19-20    |
| 3      | Budget at a Glance-Plan Works: Loan/Grant (Head wise)                                          | 21       |
| 4      | Budget at a Glance-Non-Plan (Sector Wise)                                                      | 22       |
| 5      | Budget at a Glance-Non-Plan (Head Wise)                                                        | 23-24    |
| 6      | Budget at a Glance-Suspense Account                                                            | 25       |
| 7      | Graphic Summary                                                                                | 27-40    |
| 8      | Summary of Budget-Plan                                                                         | 41-48    |
| 9      | Detail Plan Budget - Section -A Water Bulk                                                     | 49-52    |
| 10     | Detail Plan Budget - Section -B Sewerage Bulk                                                  | 53-56    |
| 11     | Detail Plan Budget -Section-C Water and Sewerage Construction                                  | 57-62    |
| 12     | Detail Plan Budget - Section-D Water and Sewerage Maintenance                                  | 63-68    |
| 13     | Detail Plan Budget - Section -E Grant-in-aid                                                   | 69-71    |
| 14     | Head-wise Provision, Fund Received and Expenditure during 2015-16                              | 72-73    |
| 15     | Summary of Budget -Non Plan                                                                    | 75-84    |
| 16     | Detail Budget Part-A Section-I Administration (Non-Plan)                                       | 85-90    |
| 17     | Detail Budget Part-A Section-II- Water Bulk (Non-Plan)                                         | 91-96    |
| 18     | Detail Budget Part-A Section-III-Water Construction including Planning Water (Non-Plan)        | 97-102   |
| 19     | Detail Budget Part-B Section-I -Sewerage Bulk (Non- Plan)                                      | 103-108  |
| 20     | Detail Budget Part-B Section-II - Sewerage Construction including Planning Drainage (Non-Plan) | 109-114  |
| 21     | Detail Budget Part-C- Section-I-Maintenance (Non-Plan)                                         | 115-121  |
| 22     | Summery of Sector Wise and Head Wise (Non-Plan) BE 2017-18 and RE 2016-17                      | 125-126  |
| 23     | Suspense Budget Section-1 Administration                                                       | 129      |
| 24     | Suspense Budget Section-2 Water Bulk                                                           | 130      |
| 25     | Suspense Budget Section-3 Water construction                                                   | 131      |
| 26     | Suspense Budget Section-4 Sewerage Bulk                                                        | 132      |
| 27     | Suspense Budget Section-5 Sewerage Construction                                                | 133      |
| 28     | Suspense Budget Section-6 Maintenance                                                          | 134      |
| 29     | Bulk issue rate of Water Bulk and Sewerage                                                     | 135-140  |



## **DELHI JAL BOARD**

### **Presentation of Budget by Chief Executive Officer, DJB**

#### **Chairperson and Members of DJB,**

1. As envisaged under Section 65 of the Delhi Water Board Act, 1998, the Budget for the financial year 2017-18 has been framed. I place the same before the Board for approval. Once approved, we shall forward DJB's Budget to the Government of NCT of Delhi.

2. **INTRODUCTION** - The Budget is prepared in two parts mainly: (i) Non Plan / Revenue Budget (ii) Plan/ Capital Budget to separate operating expenses from capital expenses. Non Plan Budget captures income and operating expenditure of DJB. Our income comes from revenue receipts from internal resources and administrative and finance charges. Revenue receipts comprise of water charges from consumers, cost sharing with NDMC and MES for water and sewerage services, infrastructure charges and other miscellaneous receipts. Non Plan expenditure is mainly on establishment costs (salary, pension, etc), electricity costs and property tax. Capital Budget consists of capital receipts and plan expenditure. The main items of capital receipts are loan and grants-in-aid from Government of NCT of Delhi, funding from central government schemes, like Jawaharlal Nehru Urban Renewal Mission (JnNURM) and Yamuna Action Plan (YAP) and externally aided projects under JICA. The estimates of the Non Plan, Plan Budget and Suspense( Inventories, Advance, Deposits and Purchases) are divided into 4 parts as follows :-

#### **Part-A -Water**

Section-I Administration

Section-II-Water Bulk (WTP)

Section-III-Water Construction/Planning (W)

#### **Part-B-Sewerage**

Section-I Sewerage Bulk (STP)

Section-II-Sewerage Construction/Planning (Dr)

## **Part-C-Maintenance**

Section-I- Water & Sewerage Maintenance

## **Part-D-Grant**

Section-I- Grant

- Provision of high quality water supply and sanitation services for all the residents including the poor is critical to enhance economic productivity. Delhi is the national political epicenter and a major commercial & industrial destination. With rapid urbanization, climate change and rise in the density of population in Delhi, it is an ever increasing challenge to deliver adequate and sustainable water supply and sewerage services to the citizens.
- For raw water supply, Delhi is dependent on its neighboring states of Haryana and UP, which regulate the water flows. DJB is currently producing 835 mgd (including 80 mgd from ground water resources) to meet the demand of about 18 million people.
- Besides increasing the availability of water to meet the domestic needs, a number of underground reservoirs (UGRs) with booster pumping stations have been constructed and commissioned all over the city to improve distribution network and manage water supply in far flung areas. Each year about 200 kms of old pipelines are being replaced while 300 kms of new pipelines are being laid to cover additional areas.
- Water tariff has been rationalized in a manner which promotes conservation of water and avoids wastage. **This rationalization has enabled DJB to meet its operation & maintenance costs during the last three years.**
- For bringing in more efficiency in the tanker service, the services of 400 new water tankers fitted with stainless steel containers and GPS have been procured. A mechanism designed by DIMTS monitors the movement of the newly designed tankers through GPS. This ensures accurate and timely delivery at the consumer's end. 250 new water tankers of size 4 KL & 9 KL have been



purchased which have been deployed during this summer. In addition 400 hired tankers are deployed which number raised depending on the season.

- Delhi Water supply improvement project in Chandrawal WTP command area has been undertaken with loan funding from JICA. The project includes complete renovation and rehabilitation of the Chandrawal WTP and entire water infrastructure in its command area. Also, Loan funding from ADB is being processed for Water supply improvement project in Wazirabad WTP command area. The objective of these projects is to improve the existing water supply infrastructure with an aim to ensure equitable water distribution in the command area, shifting from intermittent supply system to continuous (24x7) system and to achieve NRW targets as per the MoUD guidelines.
- DJB has 36 wastewater treatment plants at 22 locations with an installed capacity of 604 MGD.
- The work of c/o 70 MGD capacity STP at coronation has been awarded and 8 MGD capacity at Delhi/cantt is under process of tendering. Upgradation of Rithala Phase-I, Kondli Phase-III and Okhla are proposed under YAP-III.
- Rehabilitation of existing sewer network, sewerage treatment plants and pumping stations **is being proposed in 3 sewerage zones of Kondli, Okhla and Rithala under YAP-III for improving conveyance efficiency of sewer network and for enhancing treatment effectiveness.**
- **To ensure optimal utilization of all STPs, DJB has already completed rehabilitation of its critical trunk sewerage network in West, Central & North district.** New Trunk Sewers have been laid to extend sewerage facilities to new areas (Unauthorized/ Regularized Colonies, Urban Villages, Unauthorized Colonies etc.). Some of these are Trunk Sewers along Wazirabad Road in East Delhi, East Punjabi Bagh, Nangloi-Najafgarh Road and Raja Garden etc. **All these works have been completed, and this will have a positive impact on the capacity utilization of all STPs.**
- DJB is gradually extending sewerage system **to all the unsewered areas in Delhi.** All unsewered areas have been mapped in detail in the Sewerage Master

plan 2031 and sewerage network is being extended to these areas based on technical feasibility.

- With the implementation of the new Revenue Management System (RMS), billing and payment mechanism has become more consumer friendly. A consumer can access the billing data on DJB website and also make online payments. Facilities to use credit / debit / net banking are now available to the registered consumers.
- DJB has laid considerable emphasis on capacity building within the organization. A number of training programs were conducted internally for honing the technical as well as the soft skills of DJB employees. Besides this, a numbers of officials were sent for trainings conducted by reputed national and international institutions and agencies. In 2017-18 also, DJB proposes to conduct training programs on various issues which enhance the productivity of the employees and helps the employees in extending better services to the consumers.
- DJB has constantly endeavored to engage with all the stakeholders at various platforms so as to ensure participative governance. DJB has collaborated with various Non Government Organizations (NGOs) to raise awareness on water conservation and sanitation. Further, it has coordinated closely with the general public and RWAs through bhagidari workshops so that their concerns are duly addressed in the decision making as well as in the implementation of schemes and projects.
- Tariff regulations have been notified, introducing greater transparency in billing and metering systems.
- DJB is in the process of finalizing its strategic IT road map and further plans to implement a holistic ERP module to improve organizational effectiveness. In order to achieve this objective, the required infrastructure base of hardware and software is also being upgraded.
- **In 2014-15 E- tendering system was extended to all Divisions for ensuring greater competition and transparency.**

### **3. REVENUE EXPENDITURE & DEFICIT-**

Against the Estimated Budgetary Revenue Income of Rs. 2216.07 crore, excluding Rs. 249.07 crore of LPSC, expenditure of Rs. 2610.95 crore is likely to be incurred excluding interest on loan and Depreciation, having a Budgetary deficit of Rs. 630.75 crore during 2016-17 (RE). This is due to rebate of Arrear to consumers Rs. 235.87 crore. Besides, Recovery of Rs. 249.07 crore on account of rebate of LPSC is not likely to be received during 2016-17. It is estimated that Cash deficit is likely to be of Rs.394.88 crore during 2016-17.

During the year 2017-18, Projected Budgetary Revenue Income is Rs.2495.63 crore. Against this, estimated expenditure excluding interest on loan and Depreciation is Rs.2874.12 crore, having net deficit of Rs. 378.49 crore during the year 2017-18(BE). The income estimated for financial year 2017-18 would neither be able to cover the operating costs nor to pay interest liability of Rs.3155.01 crore, there will be a need for non plan support in the shape of Grant-in-aid from Government of NCT of Delhi for payment of interest on loan and Rs. 350.00 crore on account of rebate scheme of 20 KI Water to consumers in MCD area. **DJB will not be in a position to pay loan and interest due to paucity of fund in the current financial year 2016-17 and next year 2017-18.**

Budget Estimates for Non Plan in 2017-18 have been framed, after taking into consideration actual of 2015-16, cumulative figures up to December 2016 and anticipated receipts and expenditure during the year 2016-17 as follows:-

## NON PLAN BUDGET

(Rs. crore)

| S.No.     | Head of Accounts                                                                     | 2015-16         |                | BE              | RE              | B.E.            |
|-----------|--------------------------------------------------------------------------------------|-----------------|----------------|-----------------|-----------------|-----------------|
|           |                                                                                      | Accrual         | Cash           | 2016-17         | 2016-17         | 2017-18         |
|           |                                                                                      |                 |                | Accrual         | Accrual         | Accrual         |
| <b>1</b>  | <b>Revenue Income</b>                                                                |                 |                |                 |                 |                 |
| a         | Revenue Generation                                                                   | 2278.48         | 2050.14        | 2382.9          | 2216.07         | 2495.63         |
| b         | Income from LPSC                                                                     | 113.67          | 113.67         | 839.95          | 249.07          | 0.00            |
| <b>2</b>  | <b>Total income</b>                                                                  | <b>2392.15</b>  | <b>2163.81</b> | <b>3222.85</b>  | <b>2465.14</b>  | <b>2495.63</b>  |
| 3         | Actual Expenditure                                                                   | 2049.78         | 2049.78        | 2577.42         | 2610.95         | 2874.12         |
| 4         | Interest on Loan                                                                     | 2973.72         | 0.00           | 3060.26         | 3059.40         | 3155.01         |
| 5         | Depreciation                                                                         | 464.63          | 0.00           | 465.6           | 465.60          | 465.60          |
| 6         | Rebate on arrear to consumers                                                        | <b>220.55</b>   | <b>220.55</b>  | <b>1553.32</b>  | <b>235.87</b>   | <b>0.00</b>     |
| 7         | Rebate on LPSC to consumers                                                          | <b>113.67</b>   | <b>113.67</b>  | <b>839.95</b>   | <b>249.07</b>   | <b>0.00</b>     |
| 8         | <b>Total Expenditure</b>                                                             | <b>5822.35</b>  | <b>2384</b>    | <b>8496.55</b>  | <b>6620.89</b>  | <b>6494.73</b>  |
| 9         | <b>Gross Deficit (2-8)</b>                                                           | <b>-3430.20</b> | <b>-220.19</b> | <b>-5273.70</b> | <b>-4155.75</b> | <b>-3999.10</b> |
| <b>10</b> | <b>Net Surplus/Deficit after deducting Interest on loan and Depreciation (9-4-5)</b> | <b>8.15</b>     | <b>-220.19</b> | <b>-1747.84</b> | <b>-630.75</b>  | <b>-378.49</b>  |
| <b>11</b> | <b>Cash Surplus/Deficit (1(a)-3)</b>                                                 | <b>228.70</b>   | <b>0.36</b>    | <b>-194.52</b>  | <b>-394.88</b>  | <b>-378.49</b>  |

**4 FINANCE & ACCOUNTS:** DJB switched over to Double Entry Accrual based accounting system in 2003-04 vide the Board resolution in July 2004. The accounts of 2003-04 in revised formats and the balance sheet have been approved by the Board in February 2010. DJB finalized the balance sheet for the years 2003-04 to 2011-12. Further, Balance Sheet are under finalization for the year 2012-13 and 2013-14. It will very soon send to Audit for certification. It is expected that DJB will be in position to finalized upto date Balance in next two years. DJB has shifted to upgraded ERP version of Tally software for proper accounting on day-to-day basis. DJB has also engaged a chartered accounting firm for regular support for accounting and reassessment of inventory /fixed assets. DJB will also fine-tune, update and integrate all its software modules for Financial and budget management, Employee Information System (Pay roll, Pension, GPF of 19621 employees) during 2017-18.

**After intensive persuasion with DERC, DJB has been granted a special tariff rate considering water supply as an essential service. This has resulted in substantial savings in the annual expenditure on power.**

Due to the persistent efforts of DJB, the Ministry of Finance, Govt of India has considered water supply and sewerage projects for exemption from service tax. This has also resulted in considerable savings in the cost of the projects undertaken by DJB.

**5 CAPITAL / PLAN** – There was Plan outlay of Rs. 1976.00 crore for the year 2016-17 (BE). It has been reduced to Rs.1426.00 crore for the year 2016-17(RE). Out of this, Rs.874.00 crore is allocated for water sector and Rs.552.00 crore for sewerage sector. For the year 2017-18(BE), Plan outlay is of Rs.1755.00 crore. Out of this, Rs.939.00crore has been allocated for water sector and Rs.816.00 crore for sewerage sector. This is including Budget of Rs.600.00 crore has been allocated for water and sewerage facilities in unauthorized colonies for the year 2017-18 as table below.

| Particulars                                   | BE 2016-17 ( Rs crore) |               |                | RE 2016-17 ( Rs crore) |               |                | BE 2016-17 ( Rs crore) |               |                |
|-----------------------------------------------|------------------------|---------------|----------------|------------------------|---------------|----------------|------------------------|---------------|----------------|
|                                               | (Grant)                | Loan          | Total          | (Grant)                | Loan          | Total          | (Grant)                | Loan          | Total          |
| <b>Water</b>                                  | 65.00                  | 316.00        | 381.00         | 47.50                  | 316.00        | 363.50         | 98.50                  | 533.00        | 631.50         |
| <b>Water ( for UA colonies, JJC, RWH etc)</b> | 679.00                 | 0             | 679.00         | 510.50                 | 0             | 510.50         | 307.50                 | 0             | 307.50         |
| <b>Total Water</b>                            | <b>744.00</b>          | <b>316.00</b> | <b>1060.00</b> | <b>558.00</b>          | <b>316.00</b> | <b>874.00</b>  | <b>406.00</b>          | <b>533.00</b> | <b>939.00</b>  |
| <b>Sewerage</b>                               | 525.00                 | 381.00        | 906.00         | 223.00                 | 324.00        | 547.00         | 360.60                 | 395.40        | 756.00         |
| <b>YAP-III (Central Share)</b>                | 10.00                  | 0             | 10.00          | 5.00                   | 0             | 5.00           | 60.00                  | 0             | 60.00          |
| <b>Total Sewer</b>                            | <b>535.00</b>          | <b>381.00</b> | <b>916.00</b>  | <b>228.00</b>          | <b>324.00</b> | <b>552.00</b>  | <b>420.60</b>          | <b>395.40</b> | <b>816.00</b>  |
| <b>Total Plan Outlay</b>                      | <b>1279.00</b>         | <b>697.00</b> | <b>1976.00</b> | <b>786.00</b>          | <b>640.00</b> | <b>1426.00</b> | <b>826.60</b>          | <b>928.40</b> | <b>1755.00</b> |

The Plan works in water and sewerage sectors include arrangements for raw water, construction of water treatment plants, expanding water mains in unconnected areas (regularized/ unauthorized colonies), replacement of old water lines, strengthening of transmission network, extensive bulk metering (flow, Pressure, energy, quality and UGR levels), providing of new sewer lines, replacement of corroded / undersized branch sewers, rehabilitation of trunk & peripheral sewer network by adopting advanced technologies, construction of SPSs and the interceptor sewer project etc.

**DJB's vision is to provide safe water supply and sewerage services in an equitable, efficient and sustainable manner.** Maintaining good quality of water supply, reduction of non-revenue water, efficient water auditing, augmentation of water supply, metering, rain water harvesting, recharge of water bodies and leakage detection and control will be the priority areas. In sewerage sector, optimum utilization of sewage treatment capacity, rehabilitation of sewerage system, abatement of pollution of Yamuna River and extension of sewerage facilities to unsewered areas will be the priority areas. Accordingly, following actions are proposed to be taken during the financial Year 2017-18:-

## **A –Water Sector**

### **RAW WATER ARRANGEMENTS**

a) Munak canal has been constructed at a cost of Rs. 520 crores by Haryana Irrigation Department against deposits from DJB. DJB has already paid Rs. 414.00 crore to Haryana. For augmentation of potable water, additional raw water supply of about 95 MGD has become available to Delhi through the Munak canal after interrection of Hon'ble High court.

WTPs at Dwarka (40 MGD), Okhla (20 MGD) and Bawana (20 MGD) have been commissioned benefitting around 25 lakh of people.

b) To bridge the gap of around 200 MGD in raw water needs, DJB has been pursuing the matter of construction of 3 upstream storage dam projects (Renuka, Kishau and Lakhwarvyasi) on River Yamuna in close cooperation with other basin states. These projects have been declared as National projects and raw water for Delhi will be available as per MOU among basin states. The project awaits environmental clearance. DJB has paid Rs. 214.83 cr to Himachal Pradesh for conducting initial studies and for land acquisition. DJB will strive to expedite the commencement of construction of Renuka dam by persuading Government of India and the basin states.

c) DJB has commissioned twin raw water link mains from Haiderpur to Wazirabad at an estimated cost of Rs. 270 crores. It has made it feasible to transfer raw water from CLC to the Wazirabad, Chandrawal & Okhla WTPs.

### **WATER TREATMENT PLANTS:**

- Rehabilitation and installation of SCADA at 100 mgd WTP at Bhagirathi has been completed and commissioned with peak capacity. This has resulting in saving of Rs. 40.00 lacs in O&M expenditure.
- The WTP at Chandrawal is more than sixty years old and needs rehabilitation. DJB has initiated a project proposal for complete rehabilitation of Chandrawal WTP and its command areas area under JICA funding. The objective of the project is to improve the existing water supply infrastructure with an aim to ensure equitable water distribution in the command area, replacing intermittent supply system with continuous (24X7) system and to achieve NRW targets as per the MoUD guidelines. The loan agreement with JICA has already been effectuated. The PMU consultant

has been appointed to proceed further for implementation. Target date of commissioning is 2021.

- Wazirabad plant of 120 MGD has also been proposed for rehabilitation i/c important works in its catchment area under ADB funding. The target date of completing project of 2021.

#### **INSTALLATION OF WATER DISPENSING UNITS :**

The work of installation of RO based water Dispensing units has been completed in Sarwda-Ghevra, Holambi, Dwarka, Narela and Shahabad Daulat pur which are water deficit areas for remaining at 380 locations the work has been awarded as is in process which is likely to be completed within six months in a phased manner.

#### **Use of Recycled water for non drinking purpose :**

To supplement the gap between demand and supply of filter water about 142 MGD recycled water is being used for Horticulture, irrigation, flushing and cooling etc. 70 MGD is likely to be used in near future.

The conveyance system is being laid from the existing Sewerage Treatment Plants to pumps recycled green areas.

10 MLD capacity tertiary treatment plant has been commissioned to supply high standard quality water for Okhla Industrial Area and Bus washing.

#### **Jan Jal Prabandhan Yojna (JJPY) :**

Under this scheme RWA will be given liberty of providing water and sewerage infrastructure in their colonies and its further maintenance recycled water shall be used for flushing and horticulture by setting up decentralized STP at colony level thus reducing demand of water supply.

#### **SYSTEMIC IMPROVEMENTS :**

A special thrust has been given to improve the existing water supply infrastructure by constructing additional WTPs, new UGRs with pumping stations, replacing old transmission mains especially of PSC which have outlived their useful life. For a rationalized distribution in the city, the infrastructure is being expanded in a planned manner to meet the demand both in the planned and in the unplanned colonies. With the commissioning of new reservoirs, 107 primary / major UGRs with pumping stations are functioning after commissioning 10 UGRs this year. 3 more UGRs will be ready by May, 2017. Each year about 300 kms of old pipelines are replaced with new pipes. This



year also, it is proposed to replace 250 kms of old ones. Direct and illegal tapplings are being removed carefully in a phased manner by making substitute arrangements. This has improved the hydraulics of the system and as a result the supply can now reach many tail end areas.

### **PROVIDING WATER SUPPLY INFRASTRUCTURE IN UNAUTHORISED COLONIES:**

DJB has been striving to improve access of urban poor to piped water supply. While taking up new initiatives for improving the network technically and hydraulically, considered view has been that all sections of society living both in planned and unplanned areas are covered. Now piped water supply facility stands extended to 1199 unauthorized colonies also in addition to the other areas. The work in 280 colonies is in progress and for 16 colonies tenders have been invited.

Three pilot projects based on PPP model of management contracts for improving the water services in the command areas of Malviya Nagar UGR, Mahrauli-Vasant Vihar colonies, Nangloi WTP and its command areas were initiated after seeking approval from the Planning Commission. In these pilot projects, performance indicators / bench marks based on the Ministry of Urban Development, Govt of India guidelines are required to be achieved in fixed timelines. The ultimate objective is to transform the system from the existing intermittent water supply to a continuous water supply (24 x 7) and bring down NRW.

### **B- Sewerage Sector**

DJB has 36 wastewater treatment plants at 22 locations with an installed capacity of 604 MGD.

DJB has a network of 7900 km of sewers with 196 km of trunk sewer network, There are 42 major Sewage Pumping Stations across Delhi. Ever since inception, DJB has striven to augment sewage treatment capacity. As the estimated wastewater generation is 720 MGD, DJB will make further efforts to increase its capacity to treat sewage which will be trapped through the interceptor sewers.

The existing sewerage treatment plants (STP) are not being currently utilized to their optimum capacity due to blockage of sewers, settling of old and deteriorated sewers and extensive unsewered areas. Only around 50 % of the population is connected to this sewerage network. Thus, of the estimated 720 MGD of wastewater generation, only 460

MGD is getting treated at wastewater treatment plants which have installed capacity of 604 MGD.

In recent times, the sewerage services have been under severe strain in the wake of explosive unplanned growth. The obvious manifestations are the increasing generation - treatment gap, leading to discharge of untreated waste water into the river Yamuna.

As is apparent, the sewerage services need to be enhanced by improving network coverage, transmission and treatment efficiencies and metering / zonal data. Hence, DJB is working on the following initiatives for better sewerage facilities for the capital:-

1. **MODERNIZATION & REFURBISHMENT OF STP / SPS** – **Most of STPs** at Okhla, Kondli, Coronation Pillar and Rithala and the SPSs at Kilokri, Ring Road, Keshopur, Haiderpuri and Jagriti are quite old. Refurbishment & modernization of existing sewer network, Sewage Treatment Plants and Pumping Stations **for improving conveyance efficiency of sewer network and for enhancing treatment effectiveness and quality is being proposed in 3 sewerage zones of Kondli, Okhla and Rithala STP under YAP-III.** The output parameters of these plants are also being upgraded.

DJB has prioritized sewerage projects related to construction of 14 decentralized WWTPs and allied pumping stations & peripheral sewers in the command of Najafgrah and Supplementary drains. These projects are also aimed to improve the sewerage services and city environment in Delhi.

DJB is actively promoting use of treated effluent to reduce the stress on the demand of potable water supply in the city. Around 89 MGD of treated effluent is already being supplied for non-potable purposes to various agencies such as NDPL, CPWD, PPCL, DDA, NDMC, EMDC and South DMC for horticulture and power plants cooling etc. In 2015, a 10 MLD tertiary treatment plant at Okhla has been commissioned and treated effluent of good quality is being supplied for washing of buses and industrial area for non-potable purposes at Okhla.

DJB has prioritized sewerage projects related to construction of 15 decentralized WWTPs and allied pumping stations & peripheral sewers in the command of Najafgarh and Supplementary drains. These projects are also aimed to improve the sewerage services and city environment in Delhi.

**2 TRUNK SEWERS And PERIPHERAL SEWERS :** There is a network of 196 km of trunk sewers in Delhi, some of which needed repairs. Rehabilitation/desilting of 150 kms has been completed. Some of the major trunk sewers which have been rehabilitated are Ring Road, University, North, West Delhi, Relieving Trunk Sewer, Punjabi Bagh, Jail Road and Bela Road Sewer. To extend sewerage facilities in new areas some of the Trunk Sewers along Wazirabad Road in East Delhi, East Punjabi Bagh, Nangloi-Najafgarh Road and Raja Garden have been laid. **All these works have been completed, and this has a positive impact on the capacity utilization of all STPs.**

Also work of rehabilitation of 162 Km peripheral sewer has been taken up

**3. SEWERAGE FACILITIES IN UNSEWERED AREAS** - DJB is gradually extending sewerage system **to all the unsewered area**. DJB has laid sewerage system in 541 Unauthorized/regularized colonies, 129 urban villages, 34 rural villages. **Out of 1669 U/A colonies, sewerage facility has been provided in 241 colonies.** The work of laying of sewerage system in 286 Unauthorized colonies is under progress. For works of construction of STP/ WSP/ SPS, issues pertaining to land allotment are being pursued with DDA, Revenue & Land & Building departments.

### **SEWERAGE MASTER PLAN-2031**

DJB has finalized its Sewerage Master Plan - 2031 (SMP-2031) to provide sewerage facilities in all the un-sewered areas to cater the requirement of envisaged growth of population up to the year 2031 Under SMP-2031, additional length of about 9800 Kms. of sewer lines along with 101 Pumping Stations and 75 decentralized WWTPs shall be constructed at an estimated cost of Rs.19500 crores.

The SMP -2031 shall be implemented in four phases based on technical feasibility to connect outfall infrastructure to trap waste water which at present is flowing in the storm water drains due to lack of conveyance system in most of the unplanned settlements. Phase-I of SMP -2031 is already under implementation by DJB to

improve the sewerage facilities in those command areas where outfall infrastructure exists.

**4. INTERCEPTER SEWER :** -An innovative solution to deal with the pollution in river Yamuna was evolved by DJB and has been widely endorsed. This involves laying of interceptor sewer along the Najafgarh Drain, Supplementary Drains and Shahdara Drain (total length 59 kms). **The project was appraised by CPHEEO and recommended to the Ministry of Urban Development for sanction of Rs. 1357.71cr under JNNURM.**The interceptor sewer is being laid along these drains below the bed level of the drains and all the sub drains carrying wastewater from un-sewered areas will be trapped and conveyed to the existing STPs. The project has been designed in such a way that the interceptor sewer will work as the trunk sewer for the presently un-sewered areas in the long run. **The works under six packages had been awarded to three agencies in July, 2011 and the project is likely to be completed by June, 2018 in a phased manner. Present progress is 83% and commissioning of Interceptor will improve the quality of waste water flows in the major drains significantly in the city.**

**5. REPLACEMENT OF UNDERSIZED SEWER :** The existing sewerage conveyance system is a large network of branch, peripheral and trunk sewers of around 7900 km in length. Undersized/ damaged branch sewers are being replaced.

**6.** A new scheme of “**Yamuna Reju-Venation** ” has been taken up in the current financial year. In this scheme, the drain flowing into River Yamuna are being taken up as integrated environmental framework. The comprehensive cleaning of drains alongwith other stake holders is being attempted for the first Time. A stretch of 14 km of Supplementary Drains is taken up a pilot for management of sewage, solid waste, sludge and septage. The development is being planned in such a manner that the entire efforts remain sustainable for the years to come. The rejuvenation of drains being planned in such a manner that it becomes relevant in day to day life of the residents living in the area adjoining the drains. The changing efforts, therefore, should result into creation of a recreational place for the people enjoy the benefits of this restored environmental place.

## **Conclusion**

Against the Estimated Budgetary Revenue Income of Rs. 2216.07 crore, excluding Rs. 249.07 crore of LPSC, expenditure of Rs. 2610.95 crore is likely to be incurred excluding interest on loan and Depreciation, having a Budgetary deficit of Rs. 630.75 crore during 2016-17 (RE). This is due to rebate of Arrear to consumers Rs. 235.87 crore. Besides, Recovery of Rs. 249.07 crore on account of rebate of LPSC is not likely to be received during 2016-17. It is estimated that Cash deficit is likely to be of Rs.394.88 crore during 2016-17.

During the year 2017-18, Projected Budgetary Revenue Income is Rs.2495.63 crore. Against this, estimated expenditure excluding interest on loan and Depreciation is Rs.2874.12 crore, having net deficit of Rs. 378.49 crore during the year 2017-18(BE). The income estimated for financial year 2017-18 would neither be able to cover the operating costs nor to pay interest liability of Rs.3155.01 crore, there will be a need for non plan support in the shape of Grant-in-aid from Government of NCT of Delhi for payment of interest on loan and Rs. 350.00 crore on account of rebate scheme of 20 KI Water to consumers in MCD area.

There was Plan outlay of Rs. 1976.00 crore for the year 2016-17 (BE). It has been reduced to Rs.1426.00 crore for the year 2016-17(RE). Out of this, Rs.874.00 crore is allocated for water sector and Rs.552.00 crore for sewerage sector. For the year 2017-18(BE), Plan outlay is of Rs.1755.00 crore. Out of this, Rs.939.00crore has been allocated for water sector and Rs.816.00 crore for sewerage sector. This includes Rs.600.00 crore allocated for water and sewerage facilities in unauthorized colonies in the current financial year.

Delhi's population has grown at a rapid pace in the past decade and a half. It has been a constant challenge for DJB to keep pace with rapid increase in population and to expand water & sewerage infrastructure & services, despite limited water resources. DJB however, remains committed towards achieving the vision of universal safe water supply and sewerage services in an efficient and sustainable manner.

**In water sector, primary focus areas for 2017-18 will be extending water network to both planned and un planned areas, arresting water leakages, full domestic metering, augmentation of production capacity implementation of SCADA and improving consumer convenience.**

**In Sewerage sector, critical areas of attention will be completing the Interceptor Sewer project, completion of rehabilitation of peripheral sewers and laying of sewer lines in unauthorized colonies for optimum capacity utilization of all STPs, restricting untreated sewage flows into river Yamuna.**

Through the budget for financial year 2017-18, the above initiatives will be carried forward. These mammoth tasks can not be achieved without assistance and constructive suggestions from all the Hon'ble Board members. DJB is grateful for guidance of Hon'ble Chairperson whose vision has been our guiding light. I would be failing in my duty if I do not place on record our gratitude towards the Departments of Finance, Urban Development & Planning and Environment & Forest of the Government of NCT of Delhi and to the Ministry of Water Resources, Ministry of Environment & Forests, Ministry of Urban Development, and Department of Economic Affairs, Government of India for their support in achieving our goals.

Sd/-  
**(Keshav Chandra)**  
**Chief Executive Officer**



# **BUDGET AT A GLANCE**









**BUDGET AT A GLANCE**  
**B- PLAN WORKS ( other Grant -in aid)**

(Rs. Lakh)

| Particulars                                                           | Actuals           | BE                |                  |                   | RE               |                  |                   | BE               |                  |                   |
|-----------------------------------------------------------------------|-------------------|-------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|
|                                                                       | 2015-16           | 2016-17           |                  |                   | 2016-17          |                  |                   | 2017-18          |                  |                   |
| Receipt                                                               |                   | Revenue           | Loan             | Total             | Revenue          | Loan             | Total             | Revenue          | Loan             | Total             |
| Water (Unauthorized colonies, JJ clusters and Rain Water Harvesting ) | 27,700.00         | 67,900.00         |                  | 67,900.00         | 51,050.00        | -                | 51,050.00         | 30,750.00        |                  | 30,750.00         |
| <b>Total</b>                                                          | <b>27,700.00</b>  | <b>67,900.00</b>  | <b>-</b>         | <b>67,900.00</b>  | <b>51,050.00</b> | <b>-</b>         | <b>51,050.00</b>  | <b>30,750.00</b> | <b>-</b>         | <b>30,750.00</b>  |
| <b>Expenditure</b>                                                    |                   |                   |                  |                   |                  |                  |                   |                  |                  |                   |
| Water (Unauthorized colonies, JJ clusters and Rain Water Harvesting ) | 26,501.89         | 67,900.00         | -                | 67,900.00         | 51,050.00        |                  | 51,050.00         | 30,750.00        |                  | 30,750.00         |
| <b>Total</b>                                                          | <b>26,501.89</b>  | <b>67,900.00</b>  | <b>-</b>         | <b>67,900.00</b>  | <b>51,050.00</b> | <b>-</b>         | <b>51,050.00</b>  | <b>30,750.00</b> | <b>-</b>         | <b>30,750.00</b>  |
| <b>Total Plan outlay</b>                                              | <b>172,393.00</b> | <b>127,900.00</b> | <b>69,700.00</b> | <b>197,600.00</b> | <b>78,600.00</b> | <b>64,000.00</b> | <b>142,600.00</b> | <b>82,660.00</b> | <b>92,840.00</b> | <b>175,500.00</b> |
| <b>Total Utilization</b>                                              | <b>167,749.02</b> | <b>127,900.00</b> | <b>69,700.00</b> | <b>197,600.00</b> | <b>78,600.00</b> | <b>64,000.00</b> | <b>142,600.00</b> | <b>82,660.00</b> | <b>92,840.00</b> | <b>175,500.00</b> |

## BUDGET AT A GLANCE PLAN (HEAD –WISE)

| S.No. | Name of Scheme                                                      | BE<br>2016-17<br>(Rs cr) | RE<br>2016-17<br>(Rs cr) | BE<br>2017-18<br>(Rs cr) |
|-------|---------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|
| A     | Urban Water Supply                                                  | 289.00                   | 292.10                   | 466.50                   |
| B     | Rural Water Supply(General/SCP)                                     | 5.00                     | 5.00                     | 4.50                     |
| C     | Trans Yamuna Area-Water                                             | 0.00                     | 0.00                     | 0.00                     |
| D     | Urban Villages-Water                                                | 5.00                     | 3.75                     | 5.00                     |
| E     | Resettlement colonies-Water                                         | 4.00                     | 3.00                     | 4.00                     |
| F     | I.T. Infrastructure/Capacity Building-Water                         | 15.00                    | 20.00                    | 19.50                    |
| G     | Common Wealth Games-Water                                           | 0.00                     | 0.00                     | 0.00                     |
| H     | EAP Funding-Rehabilitations of Chandrawal WTP and it's command area | 20.00                    | 20.00                    | 80.00                    |
| I     | EAP Funding-Rehabilitations of Wazirabad WTP and it's command area  | 10.00                    | 3.75                     | 10.00                    |
| J     | Use of Treated Effluent                                             | 3.00                     | 8.40                     | 2.00                     |
| K     | Jan Jal Prabandhan Yoyna                                            | 15.00                    | 3.75                     | 10.00                    |
| L     | Water supply in Squatter Re-settlement colonies( new scheme)        | 15.00                    | 3.75                     | 30.00                    |
|       | TOTAL A to L                                                        | 381.00                   | 363.50                   | 631.50                   |
| 1     | Grant for Water Supply in Unauthorized colonies                     | 676.00                   | 507.00                   | 300.00                   |
| 2     | Grant for Water Supply in J J Clusters                              | 2.00                     | 3.00                     | 7.00                     |
| 3     | Grant for Rain Water Harvesting                                     | 1.00                     | 0.50                     | 0.50                     |
|       | TOTAL 1 to 3                                                        | 679.00                   | 510.50                   | 307.50                   |
|       | TOTAL WATER                                                         | 1060.00                  | 874.00                   | 939.00                   |
| a     | Sewerage and Sanitation                                             | 375.00                   | 295.00                   | 375.00                   |
| b     | Trans Yamuna Area-Sewerage                                          | 0.00                     | 0.00                     | 0.00                     |
| c     | Urban Villages-Sewer                                                | 1.00                     | 1.00                     | 0.10                     |
| d     | Resettlement colonies-Sewerage                                      | 3.00                     | 3.00                     | 1.90                     |
| e     | Yamuna Action Plan (YAP-II)                                         | 0.00                     | 0.00                     | 0.00                     |
| f     | Yamuna Action Plan(YAP)-III                                         | 2.00                     | 1.00                     | 8.40                     |
| g     | Abatement of Pollution of River Yamuna                              | 0.00                     | 0.00                     | 0.00                     |
| h     | I. T. Infrastructure/Capacity Building-Sewer                        | 0.00                     | 0.00                     | 0.00                     |
| i     | Rural Villages-Sewer                                                | 5.00                     | 4.00                     | 6.00                     |
| j     | Sewerage facilities in Unauthorized colonies                        | 290.00                   | 200.00                   | 300.00                   |
| k     | JNNURM                                                              | 200.00                   | 35.00                    | 10.00                    |
| l     | Common Wealth Games-Sewer                                           | 0.00                     | 0.00                     | 0.00                     |
| m     | NGT Component(Project yet to be decided)                            | 0.00                     | 0.00                     | 0.00                     |
| n     | Sewerage facility in Squatter Re-settlement colonies(New Scheme)    | 20.00                    | 5.00                     | 0.10                     |
| o     | Sewerage facility in Katras( new scheme)                            | 10.00                    | 3.00                     | 4.50                     |
| p     | Yamuna Rejuvenation(new Head)                                       |                          | 0.00                     | 50.00                    |
|       | TOTAL (a to o)                                                      | 906.00                   | 547.00                   | 756.00                   |
|       | YAP-III                                                             | 10.00                    | 5.00                     | 60.00                    |
|       | TOTAL SEWERAGE                                                      | 916.00                   | 552.00                   | 816.00                   |
|       | Total                                                               | 1976.00                  | 1426.00                  | 1755.00                  |

## BUDGET AT A GLANCE

### Non-Plan-(Sector-wise)

(Rs. lakh)

| Head of Account                                                 | Actuals<br>2015-16      | B. E.<br>2016-17  | R. E.<br>2016-17 | B. E.<br>2017-18 |
|-----------------------------------------------------------------|-------------------------|-------------------|------------------|------------------|
| <b>Income</b>                                                   |                         |                   |                  |                  |
| <b>A-Water</b>                                                  |                         |                   |                  |                  |
| 1.Administration                                                | 21297.44                | 25882.95          | 30028.25         | 36011.70         |
| 2.Water Bulk                                                    | 668.77                  | 1017.56           | -2321.86         | -3456.31         |
| 3.Water construction                                            | 10066.24                | 9206.95           | 8465.50          | 10204.73         |
| <b>Total-"A"</b>                                                | <b>32032.45</b>         | <b>36107.46</b>   | <b>36171.89</b>  | <b>42760.11</b>  |
| <b>B-Sewerage</b>                                               |                         |                   |                  |                  |
| 1.Sewerage Bulk                                                 | 7978.36                 | 8661.16           | -381.70          | -244.72          |
| 2.Sewerage construction                                         | 8504.52                 | 10241.64          | 6469.75          | 7655.93          |
| <b>Total-"B"</b>                                                | <b>16482.89</b>         | <b>18902.80</b>   | <b>6088.05</b>   | <b>7411.21</b>   |
| <b>C-Maintenance</b>                                            |                         |                   |                  |                  |
| 1.Maintenance                                                   | 190700.35               | 267274.75         | 204253.67        | 199391.40        |
| <b>Total-"C"</b>                                                | <b>190700.35</b>        | <b>267274.75</b>  | <b>204253.67</b> | <b>199391.40</b> |
| <b>X:</b>                                                       | <b>Total-"A" to "C"</b> | <b>239215.68</b>  | <b>322285.01</b> | <b>246513.61</b> |
| <b>Expenditure</b>                                              |                         |                   |                  |                  |
| <b>A-Water</b>                                                  |                         |                   |                  |                  |
| 1.Administration                                                | 21447.16                | 26303.00          | 35288.75         | 36573.25         |
| 2.Water Bulk                                                    | 131652.15               | 144508.13         | 143691.70        | 151387.40        |
| 3.Water construction                                            | 14337.80                | 15694.95          | 15410.45         | 15931.70         |
| <b>Total-"A"</b>                                                | <b>167437.10</b>        | <b>186506.08</b>  | <b>194390.90</b> | <b>203892.35</b> |
| <b>B-Sewerage</b>                                               |                         |                   |                  |                  |
| 1.Sewerage Bulk                                                 | 95870.87                | 107808.14         | 105422.59        | 114691.59        |
| 2.Sewerage construction                                         | 13007.66                | 14723.00          | 14139.25         | 14707.00         |
| <b>Total-"B"</b>                                                | <b>108878.53</b>        | <b>122531.14</b>  | <b>119561.84</b> | <b>129398.59</b> |
| <b>C-Maintenance</b>                                            |                         |                   |                  |                  |
| 1.Maintenance                                                   | 305919.54               | 540617.49         | 348137.02        | 316181.92        |
| <b>Total-"C"</b>                                                | <b>305919.54</b>        | <b>540617.49</b>  | <b>348137.02</b> | <b>316181.92</b> |
| <b>Y:</b>                                                       | <b>Total-"A" to "C"</b> | <b>582235.18</b>  | <b>849654.71</b> | <b>649472.86</b> |
| <b>Gross Deficit ( X-Y)</b>                                     | -343019.49              | -527369.70        | -415576.16       | -399910.14       |
| <b>E. Less- (1). Interest on Loan due but actually not paid</b> | 297372.01               | 306025.81         | 305940.51        | 315500.51        |
| (2). Depreciation                                               | 46462.57                | 46560.00          | 46560.00         | 46560.00         |
| <b>Total-E</b>                                                  | <b>343834.58</b>        | <b>352585.81</b>  | <b>352500.51</b> | <b>362060.51</b> |
| <b>Net deficit/surplus ( Gross Deficit+E)</b>                   | <b>815.09</b>           | <b>-174783.89</b> | <b>-63075.64</b> | <b>-37849.63</b> |
| G. Repayment of loan to Govt. of NCT of Delhi                   |                         |                   |                  |                  |

**BUDGET AT A GLANCE**  
Non Plan ( Headwise)

**Statement showing Income and Expenditure headwise for the year 2011-12 onwards**

| S.NO.    | INCOME                                       | Actuals<br>2011-12 | Actuals<br>2012-13 | Actuals<br>2013-14 | Actuals<br>2014-15 | Actuals<br>2015-16 | BE<br>2016-17     | RE<br>2016-17     | BE<br>2017-18     |
|----------|----------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|
|          | Quantity of Water(MGD)                       | 850                | 835                | 835                | 850                | 900                | 900               | 900               | 915               |
|          | Income                                       |                    |                    |                    |                    |                    |                   |                   |                   |
| <b>A</b> | <b>Water</b>                                 |                    |                    |                    |                    |                    |                   |                   |                   |
|          | Water Charges (MCD Area)                     | 126,972.17         | 124,716.66         | 122,074.21         | 134,674.03         | 169,171.19         | 180,130.00        | 174,329.00        | 191,766.90        |
| (i)      | NDMC                                         | 3,882.79           | 4,728.27           | 4,995.33           | 5,943.82           | 5,918.25           | 6,224.71          | 7,445.69          | 7,762.40          |
| (ii)     | MES                                          | 981.44             | 1,233.90           | 1,455.45           | 1,626.08           | 1,546.06           | 1,815.54          | 1,715.37          | 1,783.25          |
| (iii)    | Infrastructure Charges                       | 22,627.57          | 11,602.77          | 19,396.59          | 6,521.06           | 4,943.31           | 2,500.00          | 4,500.00          | 4,800.00          |
| (iv)     | Water Charges from employees and contractors | 280.80             | 296.59             | 342.04             | 250.76             | 559.29             | 468.25            | 575.20            | 656.25            |
| (v)      | Water Charges through Tankers                | 3.43               | 2.58               | 1.27               | 0.24               | 27.26              | 35.00             | 5.00              | 5.00              |
| (vi)     | Income from Bottling Plant                   | 34.43              | 27.22              | 18.72              | 55.37              | 27.47              | 20.00             | 20.00             | 20.00             |
| (vii)    | Income from LPSC from consumers              |                    |                    |                    | 1,976.00           | 11,367.24          | 83,995.00         | 24,907.00         | -                 |
| (viii)   | <b>Total Water</b>                           | <b>154,782.63</b>  | <b>142,607.99</b>  | <b>148,283.61</b>  | <b>151,047.36</b>  | <b>193,560.09</b>  | <b>275,188.50</b> | <b>213,497.26</b> | <b>206,793.80</b> |
| <b>B</b> | <b>Sewerage</b>                              |                    |                    |                    |                    |                    |                   |                   |                   |
| (i)      | NDMC                                         | 2,108.06           | 2,464.87           | 2,858.47           | 3,544.16           | 3,580.73           | 3,821.30          | 4,539.93          | 4,853.38          |
| (ii)     | MES                                          | 532.85             | 643.24             | 832.85             | 969.59             | 935.42             | 1,114.55          | 1,045.93          | 1,114.97          |
| (iii)    | Infrastructure Charges                       | 3,381.56           | 38,091.29          | 14,058.13          | 5,359.53           | 1,656.84           | 1,500.00          | 1,000.00          | 1,200.00          |
| (iv)     | Misc. Income                                 | 3,408.63           | 5,220.08           | 5,551.92           | 7,228.72           | 14,326.13          | 14,155.05         | 6,253.95          | 9,691.90          |
|          | <b>Total Sewerage</b>                        | <b>9,431.10</b>    | <b>46,419.48</b>   | <b>23,301.37</b>   | <b>17,102.00</b>   | <b>20,499.12</b>   | <b>20,590.90</b>  | <b>12,839.81</b>  | <b>16,860.25</b>  |
| <b>C</b> | <b>Other Income</b>                          |                    |                    |                    |                    |                    |                   |                   |                   |
| (i)      | A&S Cost capitalized                         | 15,652.74          | 16,598.29          | 18,166.81          | 18,280.50          | 17,111.10          | 20,531.32         | 14,690.82         | 17,950.96         |
| (ii)     | Finance Cost capitalized                     | 11,329.42          | 9,902.38           | 10,695.69          | 9,689.59           | 8,045.37           | 5,974.29          | 5,485.71          | 7,957.71          |
| (iii)    | Non-Plan Assistance( direct to DJB)          | -                  | -                  | -                  | -                  | -                  | -                 | -                 | -                 |
| (iv)     | Non-Plan Assistance for 20 KL free water     | -                  | -                  | -                  | -                  | -                  | -                 | -                 | -                 |
|          | <b>Total Other Income</b>                    | <b>26,982.16</b>   | <b>26,500.68</b>   | <b>28,862.50</b>   | <b>27,970.09</b>   | <b>25,156.48</b>   | <b>26,505.61</b>  | <b>20,176.53</b>  | <b>25,908.67</b>  |
|          | <b>Total Income</b>                          | <b>191,195.89</b>  | <b>215,528.15</b>  | <b>200,447.48</b>  | <b>196,119.45</b>  | <b>239,215.68</b>  | <b>322,285.01</b> | <b>246,513.61</b> | <b>249,562.72</b> |

(Rs. Lakh)

| S.NO.  | EXPENDITURE                                                                                      | Actuals<br>2011-12  | Actuals<br>2012-13  | Actuals<br>2013-14  | Actuals<br>2014-15  | Actuals<br>2015-16  | BE<br>2016-17       | RE<br>2016-17       | BE<br>2017-18       |
|--------|--------------------------------------------------------------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| (i)    | Establishment                                                                                    | 82,753.59           | 98,650.97           | 105,185.87          | 112,378.69          | 120,913.03          | 156,581.35          | 157,519.35          | 178,395.55          |
| (ii)   | Other administrative Expenses                                                                    | 2,349.59            | 4,210.28            | 5,094.26            | 4,416.38            | 3,434.05            | 9,619.45            | 10,734.80           | 8,279.70            |
| (iii)  | Power                                                                                            | 35,451.83           | 44,923.43           | 49,126.04           | 53,998.09           | 59,723.09           | 65,340.00           | 61,300.00           | 67,430.00           |
| (iv)   | Repair and Maintenance                                                                           | 11,792.06           | 13,257.43           | 15,023.12           | 12,672.59           | 14,752.41           | 19,376.10           | 24,801.10           | 26,512.10           |
| (v)    | General Stores and Chemicals                                                                     | 2,920.28            | 2,405.29            | 3,212.05            | 2,499.45            | 2,918.72            | 3,155.00            | 3,070.00            | 3,125.00            |
| (vi)   | Cost of Raw Water                                                                                | 2,350.25            | 3,017.20            | 1,729.57            | 2,189.63            | 2,270.04            | 2,700.00            | 2,700.00            | 2,700.00            |
| (vii)  | Property Tax and Others                                                                          | 746.26              | 746.25              | 1,039.79            | 966.52              | 966.63              | 970.00              | 970.00              | 970.00              |
|        | <b>Total O&amp;M Expenses(i) to (vii)</b>                                                        | <b>138,363.86</b>   | <b>167,210.85</b>   | <b>180,410.70</b>   | <b>189,121.35</b>   | <b>204,977.96</b>   | <b>257,741.90</b>   | <b>261,095.25</b>   | <b>287,412.35</b>   |
| (viii) | Interest on Loan                                                                                 | 221,051.64          | 234,422.30          | 246,873.50          | 285,844.11          | 297,372.01          | 306,025.81          | 305,940.51          | 315,500.51          |
| (ix)   | Depreciation                                                                                     | 22,372.50           | 22,472.50           | 22,472.50           | 46,462.57           | 46,462.57           | 46,560.00           | 46,560.00           | 46,560.00           |
| (x)    | Rebate to consumers for 20 KI free water                                                         |                     |                     | 1,347.66            |                     |                     |                     |                     |                     |
| (xi)   | Rebate on Arrear to consumers                                                                    |                     |                     | 12,290.00           |                     | 22,055.39           | 155,332.00          | 23,587.00           |                     |
| (xii)  | Rebate on LPSC to consumers                                                                      |                     |                     |                     | 1,976.00            | 11,367.24           | 83,995.00           | 24,907.00           |                     |
|        | <b>Total Expenditure( total O&amp;M Expenses and (viii) to (xii)</b>                             | <b>381,788.00</b>   | <b>424,105.65</b>   | <b>463,394.36</b>   | <b>523,404.03</b>   | <b>582,235.18</b>   | <b>849,654.71</b>   | <b>662,089.76</b>   | <b>649,472.86</b>   |
|        | <b>Gross Deficit</b>                                                                             | <b>(190,592.11)</b> | <b>(208,577.50)</b> | <b>(262,946.88)</b> | <b>(327,284.58)</b> | <b>(343,019.49)</b> | <b>(527,369.70)</b> | <b>(415,576.16)</b> | <b>(399,910.14)</b> |
| (a)    | Less: Interest on loan due but not paid                                                          | 221,013.32          | 221,867.98          | 246,839.68          | 285,844.11          | 297,372.01          | 306,025.81          | 305,940.51          | 315,500.51          |
| (b)    | Less Depreciation                                                                                | 22,372.50           | 22,472.50           | 22,472.50           | 46,462.57           | 46,462.57           | 46,560.00           | 46,560.00           | 46,560.00           |
|        | <b>Net deficit after deducting repayment of loan and Depreciation( Gross Deficit-(a) and (b)</b> | <b>52,793.71</b>    | <b>35,762.98</b>    | <b>6,365.30</b>     | <b>5,022.10</b>     | <b>815.09</b>       | <b>(174,783.89)</b> | <b>(63,075.64)</b>  | <b>(37,849.63)</b>  |
|        | <b>Repayment of loan to Govt. of NCT of Delhi</b>                                                | <b>8,136.00</b>     | <b>8,046.00</b>     |                     |                     |                     |                     |                     |                     |
|        | Bulk issue Rate of Water (Per KI)                                                                | 8.62                | 10.42               | 10.96               | 12.68               | 12.27               | 13.65               | 14.48               | 14.99               |
|        | Bulk Sewage disposal Rate(Per                                                                    | 5.85                | 6.79                | 7.84                | 9.45                | 9.28                | 10.48               | 11.03               | 11.71               |

**BUDGET AT A GLANCE  
SUSPENSE ACCOUNT**

| Name of Sector                                       | BE<br>2016-17   | BE<br>2016-17   | RE<br>2016-17   | RE<br>2016-17   | BE<br>2017-18   | BE<br>2017-18   |
|------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                                      | Dr              | Cr              | Dr              | Cr              | Dr              | Cr              |
| Administration                                       | 111.00          | 111.00          | 120.00          | 120.00          | 153.00          | 153.00          |
| Water Bulk                                           | 2301.00         | 2301.00         | 2265.00         | 2265.00         | 2277.00         | 2277.00         |
| Water Construction including<br>Planning Water       | 2641.00         | 2641.00         | 2620.00         | 2620.00         | 2632.00         | 2632.00         |
| Sewage Bulk                                          | 1405.00         | 1405.00         | 1410.00         | 1410.00         | 1427.00         | 1427.00         |
| Drainage Construction<br>including Planning Drainage | 2213.00         | 2213.00         | 2092.00         | 2092.00         | 2204.00         | 2204.00         |
| Maintenance                                          | 2363.00         | 2363.00         | 2425.00         | 2425.00         | 2472.00         | 2472.00         |
| <b>Total</b>                                         | <b>11034.00</b> | <b>11034.00</b> | <b>10932.00</b> | <b>10932.00</b> | <b>11165.00</b> | <b>11165.00</b> |





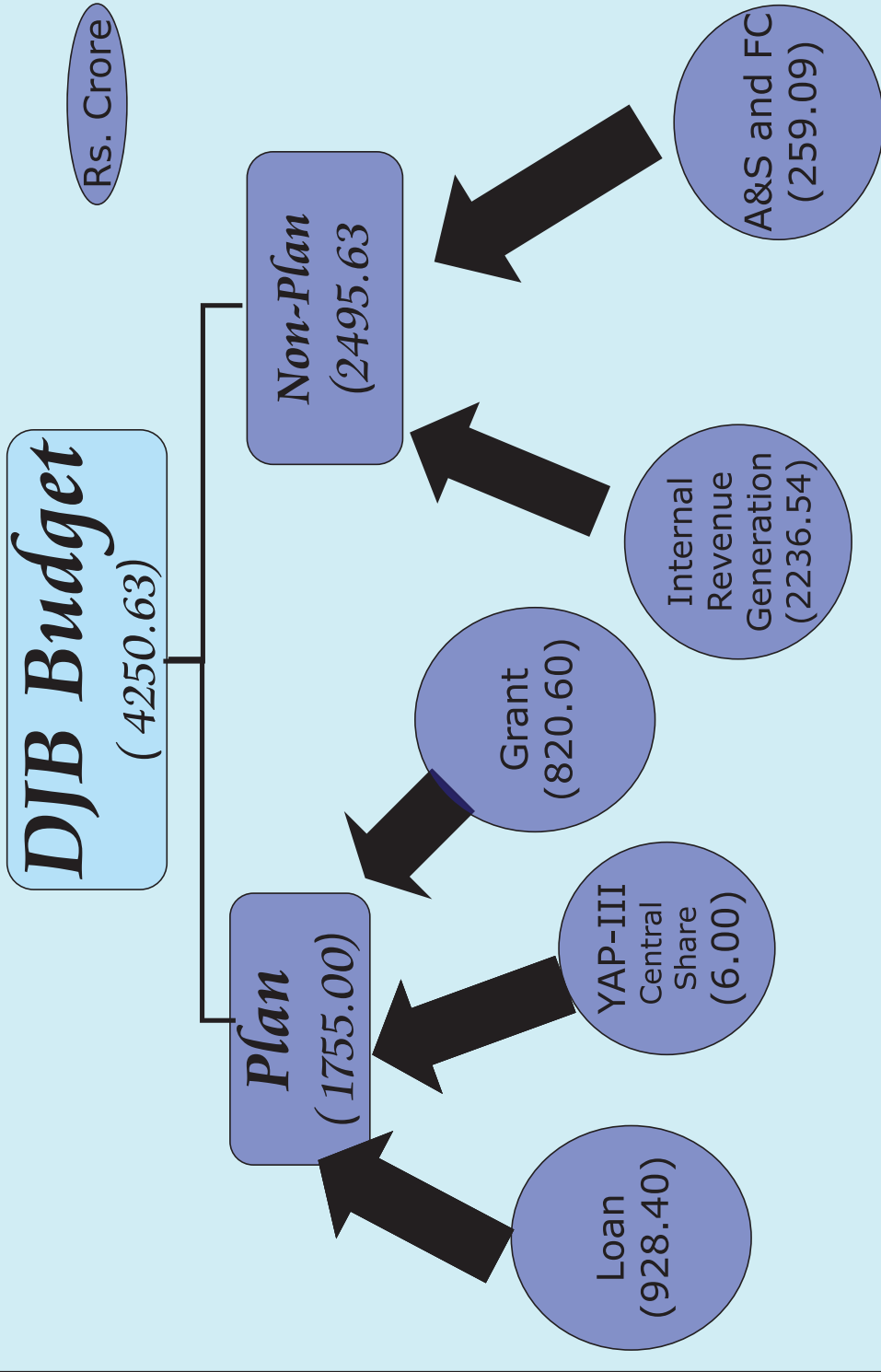


# GRAPHS





# BUDGET 2017-18



## NON-PLAN: INCOME & EXPENDITURE (Rs Crore)

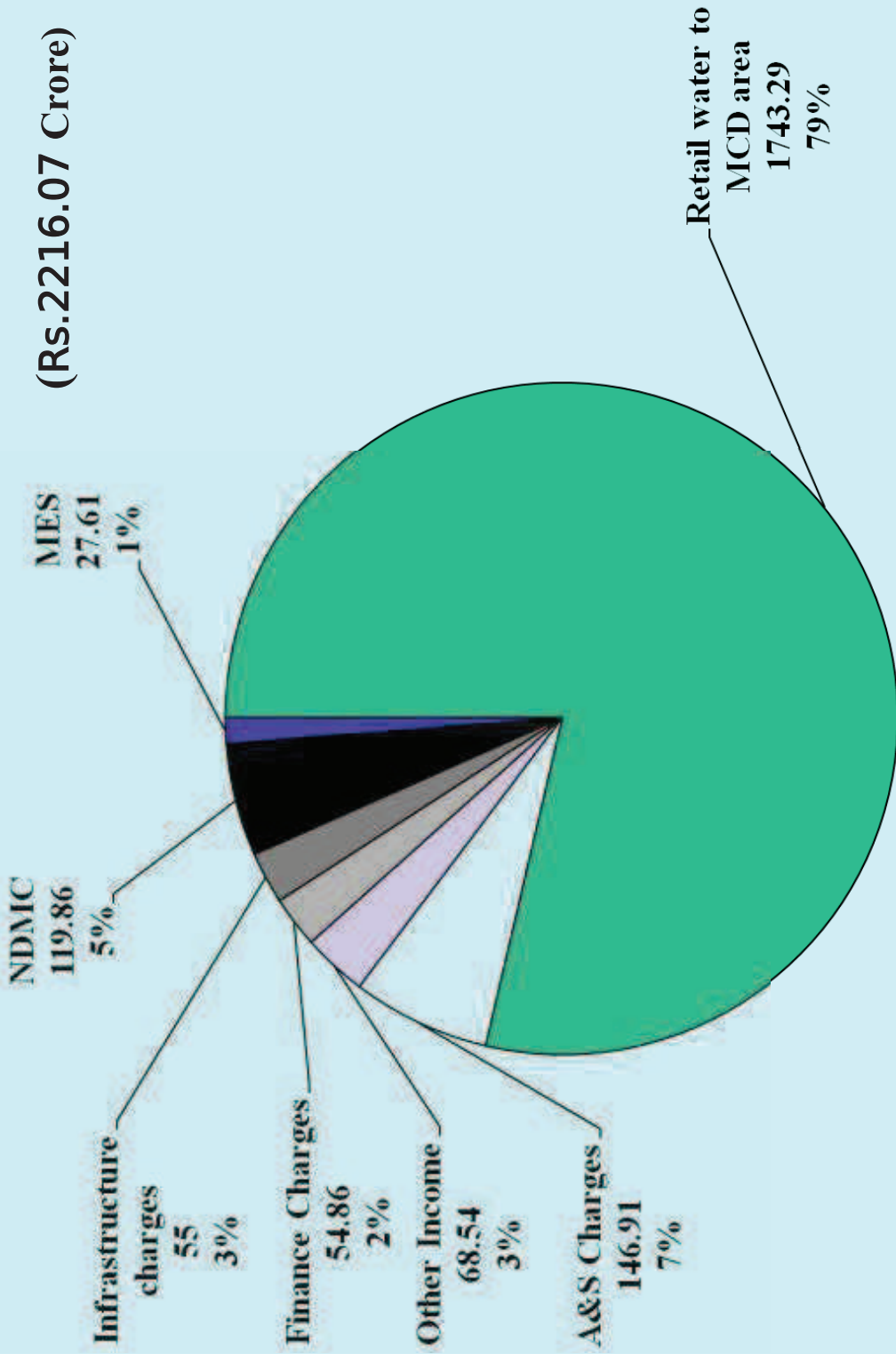
| Particulars                     | Accrual<br>2015-16 | Cash<br>2015-16 | BE<br>2016-17    | RE<br>2016-17      | BE<br>2017-18    |
|---------------------------------|--------------------|-----------------|------------------|--------------------|------------------|
| <b>INCOME</b>                   |                    |                 |                  |                    |                  |
| Revenue Receipt                 | 2026.92            | 1798.58         | 2117.84          | 2015.53            | 2236.54          |
| A&S and Finance<br>Cost         | 251.56             | 251.56          | 265.06           | 201.76             | 259.09           |
| <b>Total</b>                    | <b>2278.48</b>     | <b>2050.14</b>  | <b>2382.90</b>   | <b>2216.07</b>     | <b>2495.63</b>   |
| <b>EXPENDITURE</b>              |                    |                 |                  |                    |                  |
| Salaries to Staff               | 1209.13            | 1209.13         | 1565.81          | 1575.19            | 1783.95          |
| Power                           | 597.23             | 597.23          | 653.40           | 613.00             | 674.30           |
| Other Expenses                  | 243.42             | 243.42          | 358.21           | 422.76             | 415.87           |
| <b>Total</b>                    | <b>2049.78</b>     | <b>2049.78</b>  | <b>2577.42</b>   | <b>2610.95</b>     | <b>2874.12</b>   |
| <b>Net surplus/<br/>Deficit</b> | <b>228.70</b>      | <b>*0.36</b>    | <b>(-)194.52</b> | <b>**(-)394.88</b> | <b>(-)378.49</b> |

\* Cash surplus of **Rs.0.36 crore** does not include Rs.113.67 crore rebate on LPSC and Rs.220.55 crore rebate on Arrear during 2015-16.

\*\* **Budgetary deficit Rs.394.88 crore** does not include rebate on LPSC Rs.249.07 crore and arrear of Rs.235.87 crore

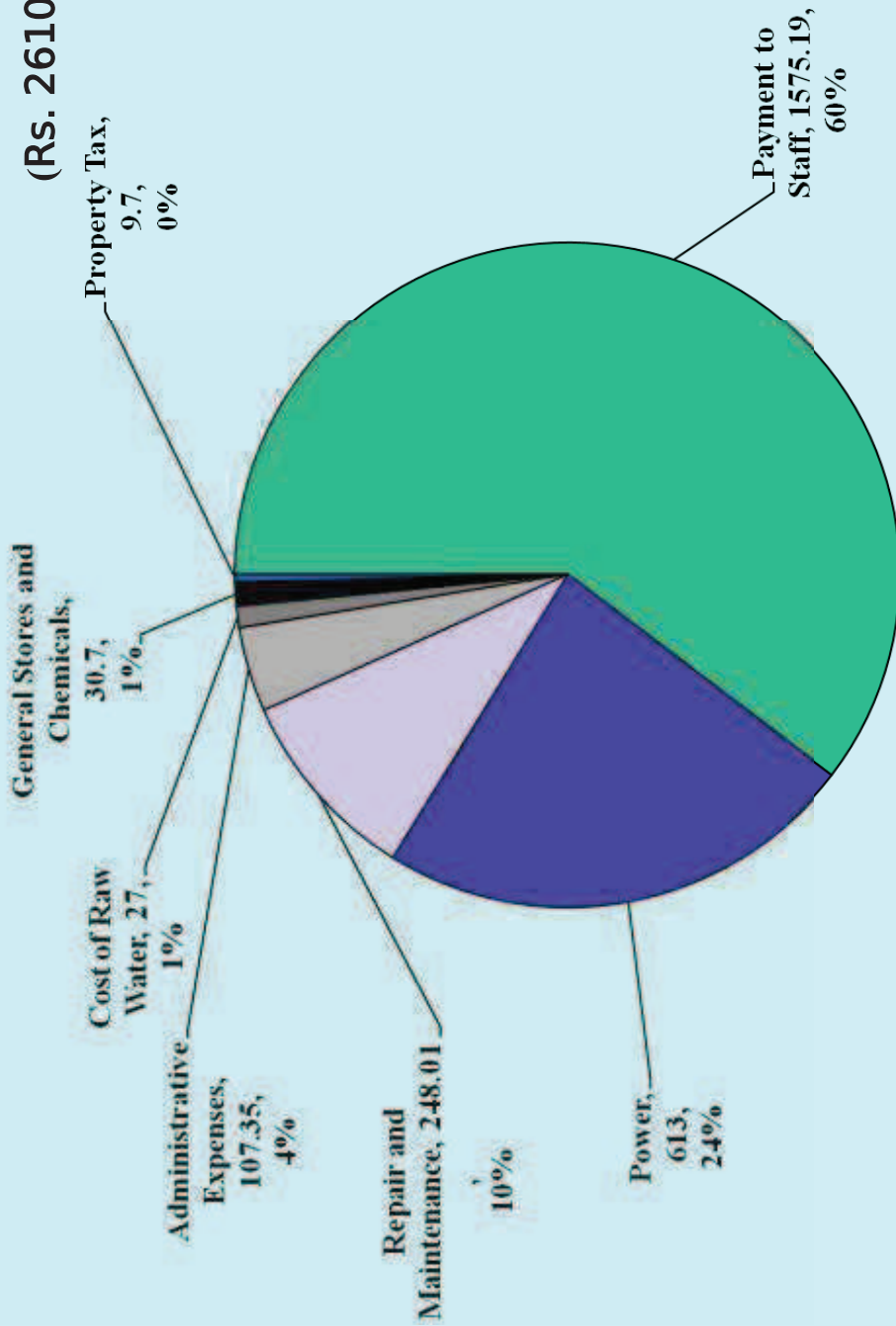
# ESTIMATED REVENUE RECEIPT 2016-17(RE)

(Rs.2216.07 Crore)



# ESTIMATED EXPENDITURE 2016-17 (RE)

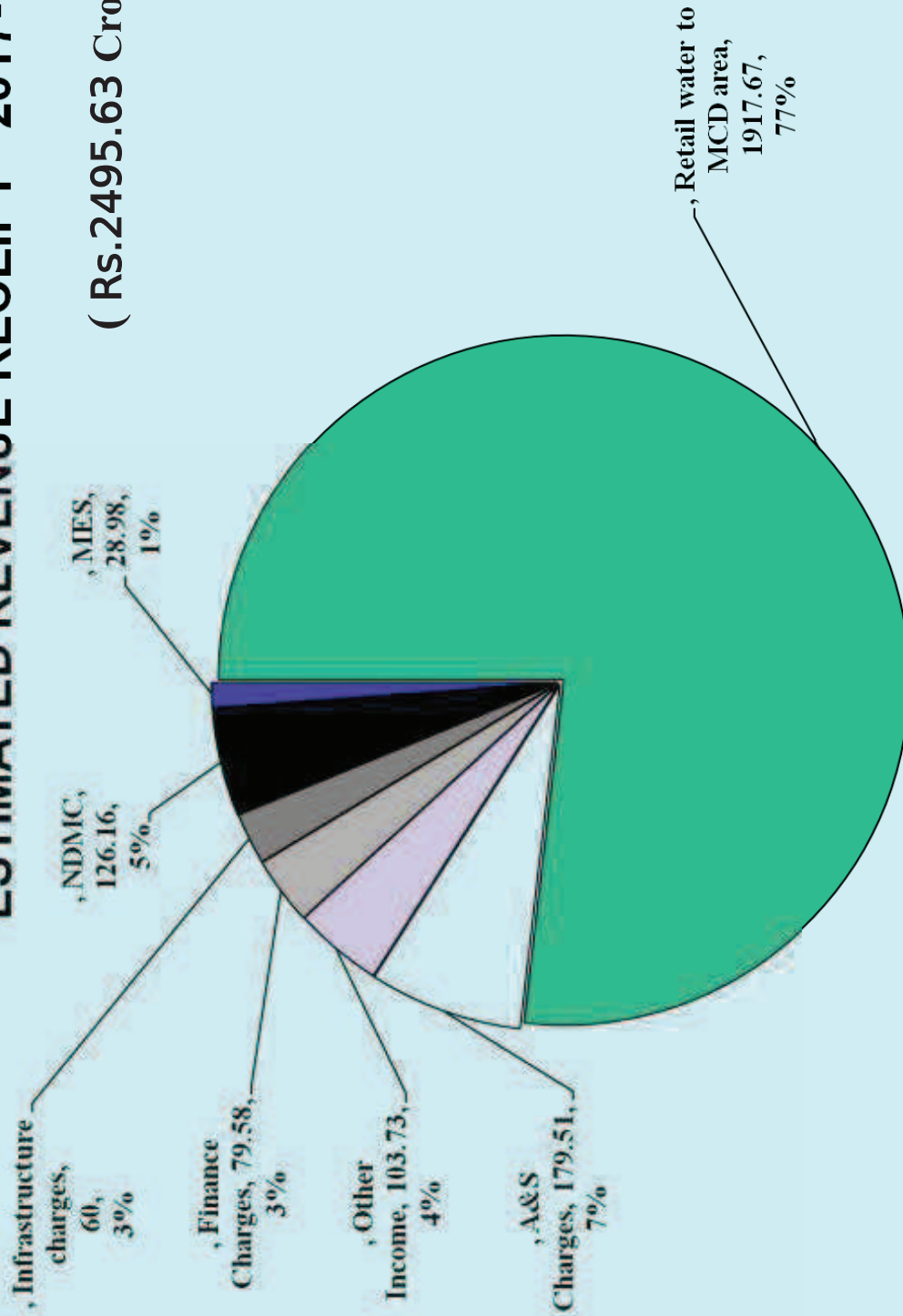
(Rs. 2610.95 crore)



\* This is excluding of Interest on loan Rs. 3059.41crore payable for 2016-17 and LPSC Rs. 249.07crore

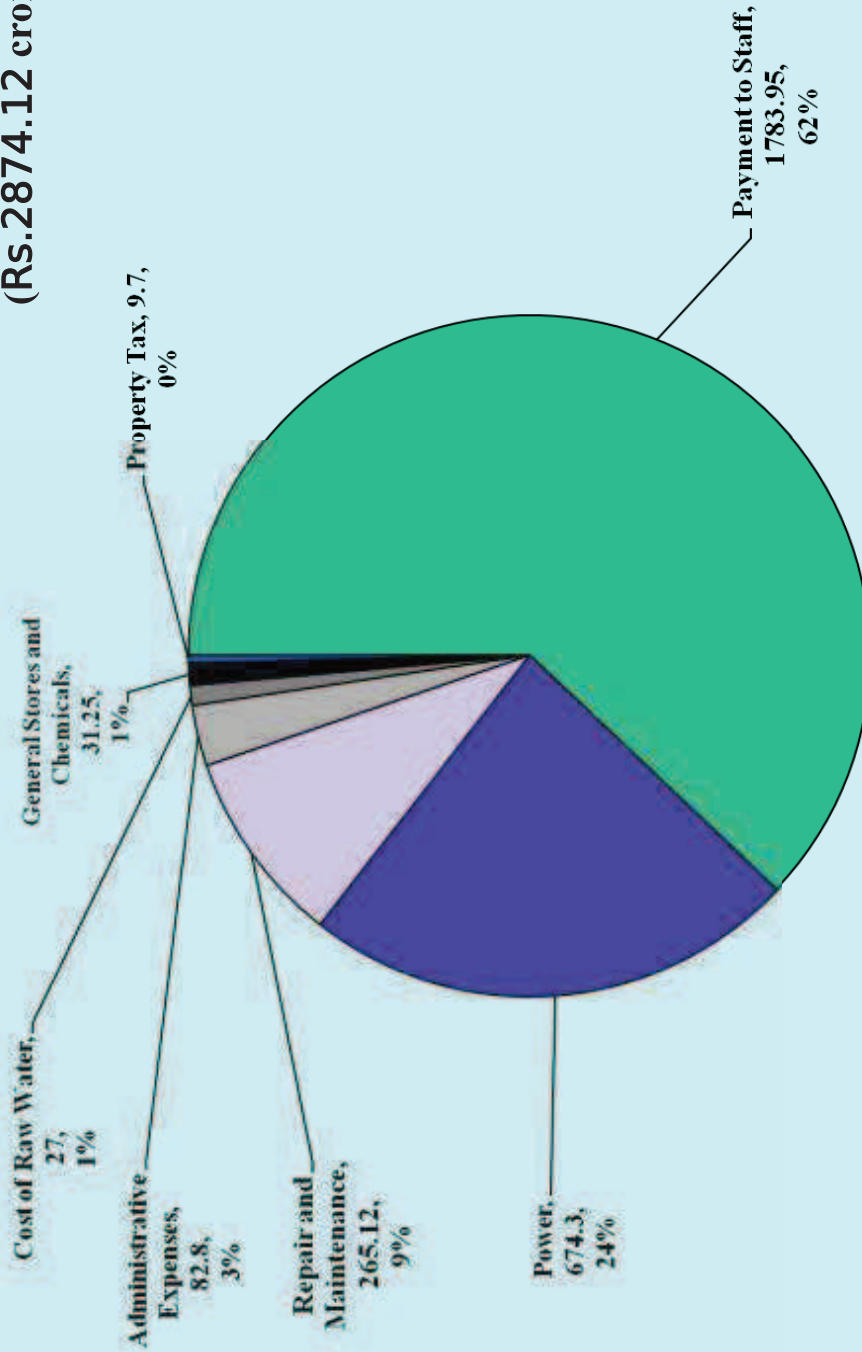
# ESTIMATED REVENUE RECEIPT 2017-18

( Rs.2495.63 Crore)



# ESTIMATED EXPENDITURE 2017-18

(Rs.2874.12 crore)



\* This is excluding of interest on loan Rs. 3155.01 cr payable for 2017-18 .



## YEAR WISE PLAN OUTLAY

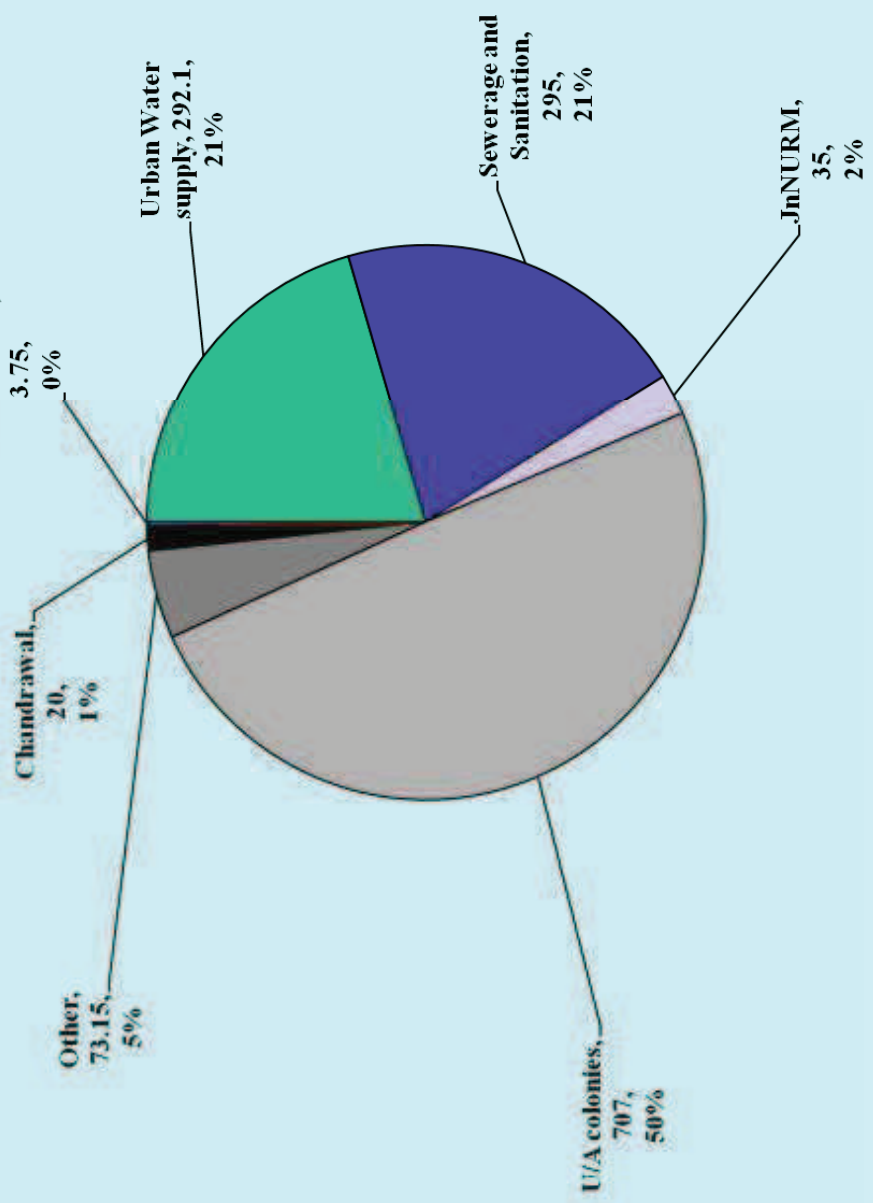
(Rs Crore)

| Particulars                                   | BE 2016-17 |        |         | RE 2016-17 |        |         | BE 2016-17 |        |         |
|-----------------------------------------------|------------|--------|---------|------------|--------|---------|------------|--------|---------|
|                                               | (Grant)    | Loan   | Total   | (Grant)    | Loan   | Total   | (Grant)    | Loan   | Total   |
| <b>Receipt</b>                                |            |        |         |            |        |         |            |        |         |
| <b>Water</b>                                  | 65.00      | 316.00 | 381.00  | 47.50      | 316.00 | 363.50  | 98.50      | 533.00 | 631.50  |
| <b>Water ( for UA colonies, JJC, RWH etc)</b> | *679.00    | 0      | 679.00  | 510.50     | 0      | 510.50  | 307.50     | 0      | 307.50  |
| <b>Total Water</b>                            | 744.00     | 316.00 | 1060.00 | 558.00     | 316.00 | 874.00  | 406.00     | 533.00 | 939.00  |
| <b>Sewerage</b>                               | 525.00     | 381.00 | 906.00  | 223.00     | 324.00 | 547.00  | 360.60     | 395.40 | 756.00  |
| <b>YAP-III (Central Share)</b>                | 10.00      | 0      | 10.00   | 5.00       | 0      | 5.00    | 60.00      | 0      | 60.00   |
| <b>Total Sewer</b>                            | 535.00     | 381.00 | 916.00  | 228.00     | 324.00 | 552.00  | 420.60     | 395.40 | 816.00  |
| <b>Total Receipt</b>                          | 1279.00    | 697.00 | 1976.00 | 786.00     | 640.00 | 1426.00 | 826.60     | 928.40 | 1755.00 |

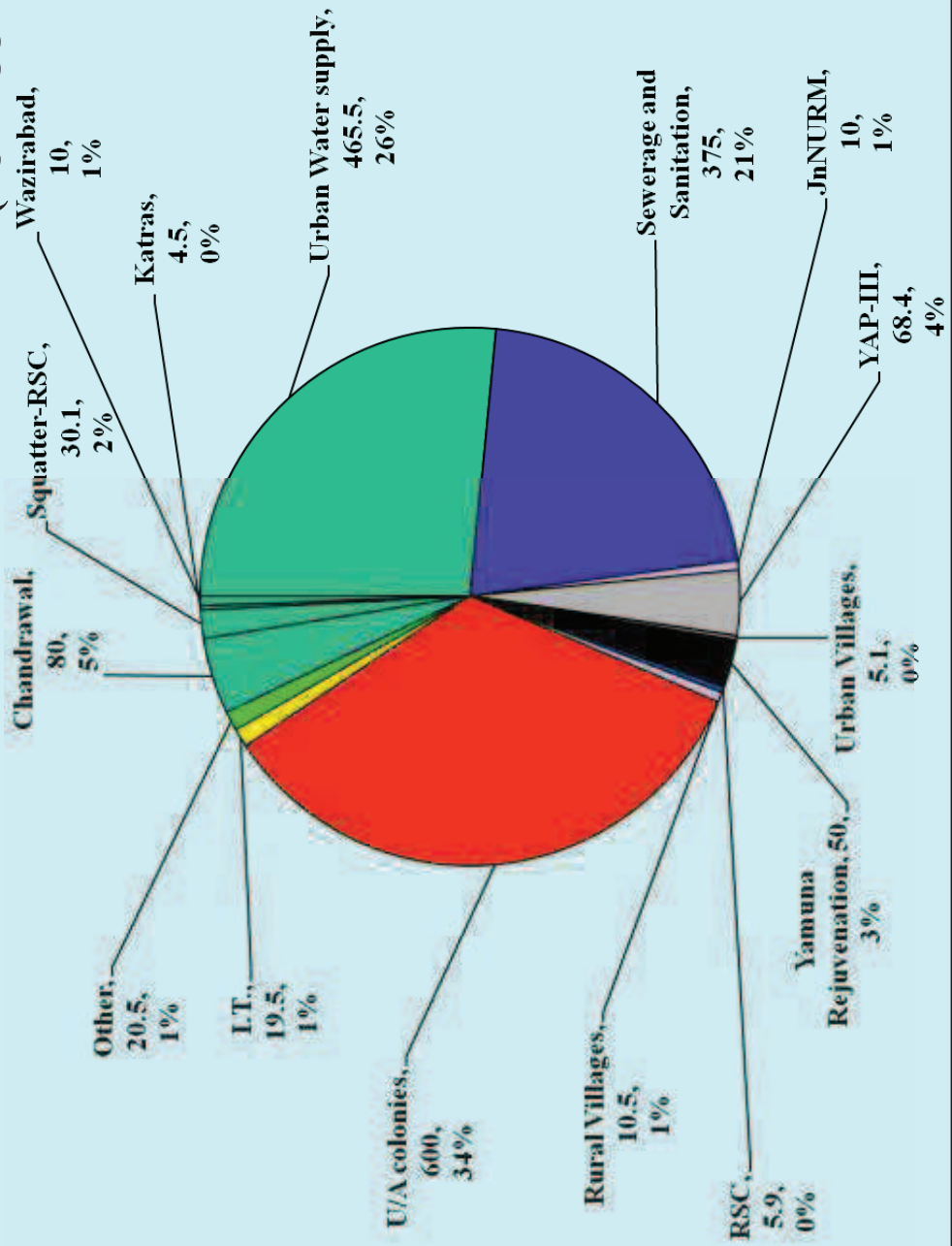
## Utilization of Plan Fund (Rs Crore)

| Particulars     | 2015-16        |                |                | 2016-17        |                |                |
|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                 | RE             | Receipt        | Expr           | RE             | Receipt        | Expr           |
| <b>Water</b>    | 653.60         | 646.50         | 917.24         | 874.00         | 1386.81        | 746.99         |
| <b>Sewerage</b> | 1078.40        | 1077.43        | 760.25         | 552.00         |                | 622.61         |
| <b>Total</b>    | <b>1732.00</b> | <b>1723.93</b> | <b>1677.49</b> | <b>1426.00</b> | <b>1386.81</b> | <b>1369.60</b> |

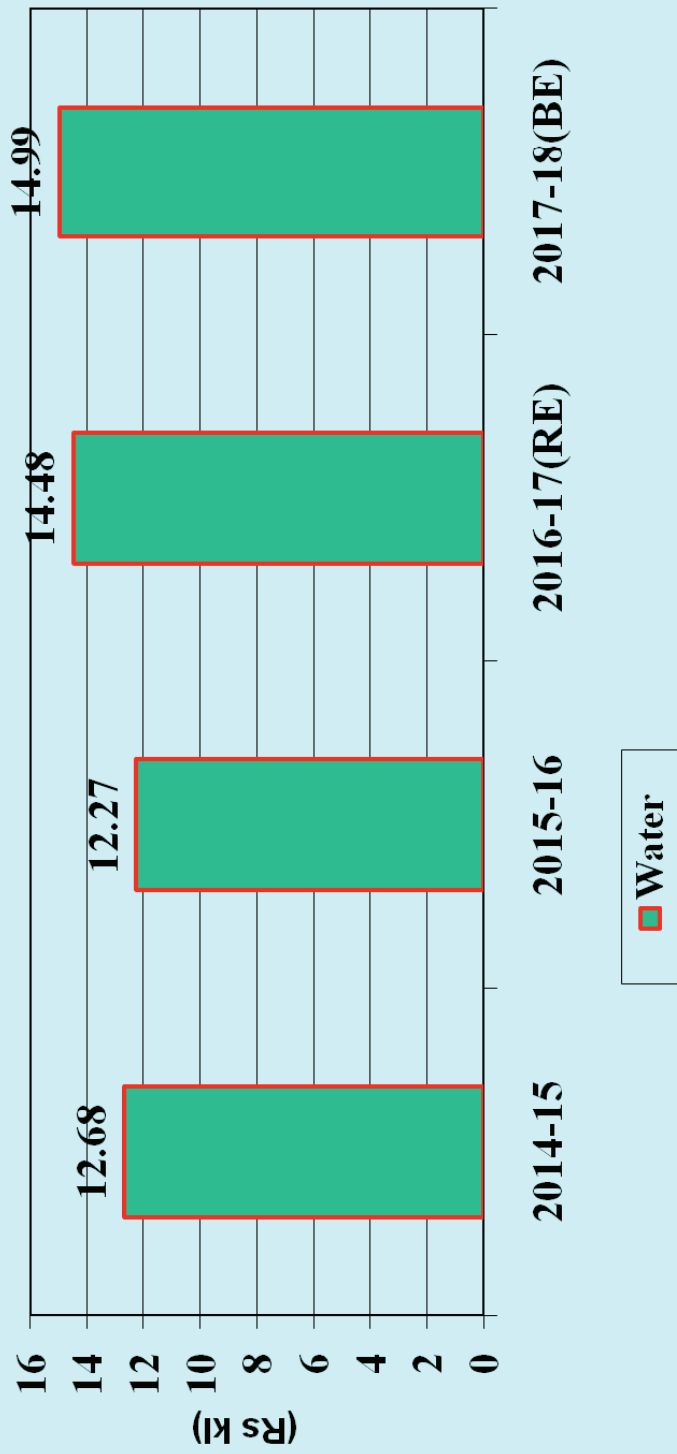
## Estimated Plan Expenditure (Scheme-wise) 2016-17 (RE) (Rs 1426 Cr)



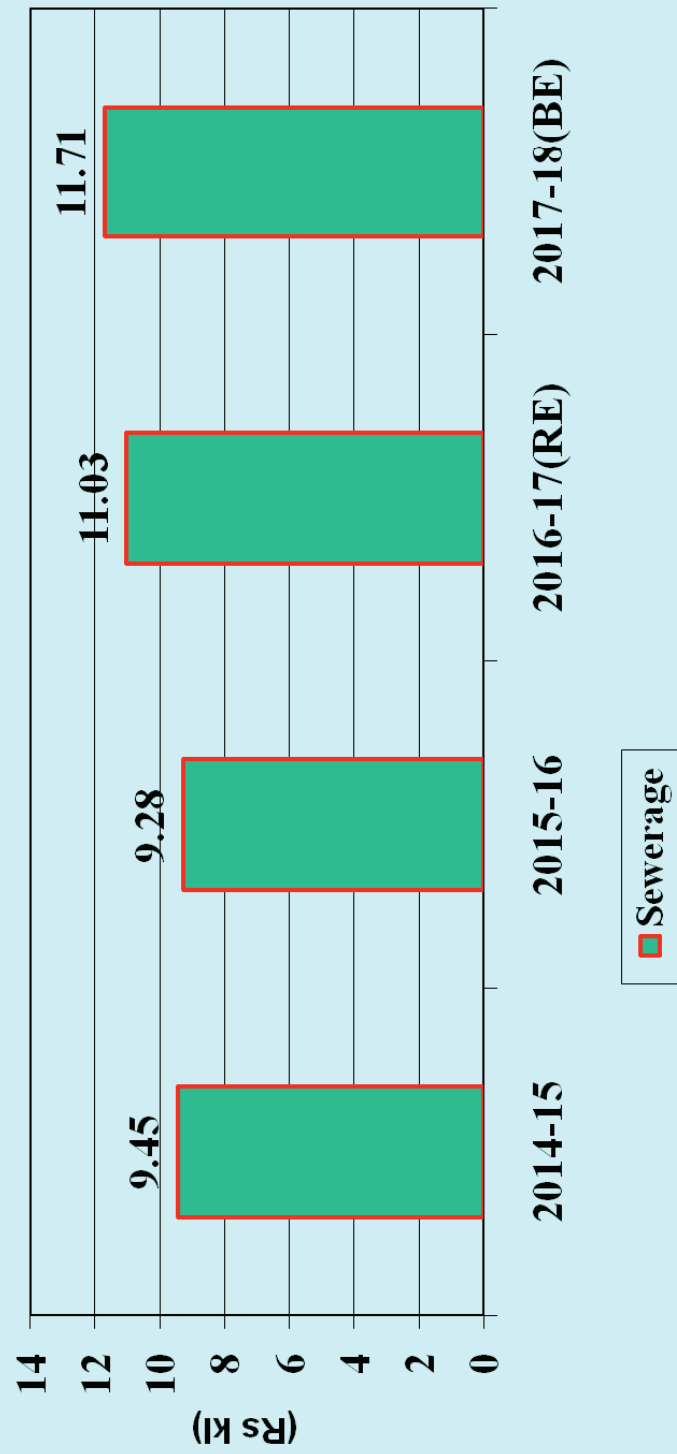
## Estimated Plan Expenditure (Scheme-wise) 2017-18 (Rs 1755 Cr)



## Bulk water issue Rate for NDMC & MES



## Bulk Sewerage Disposal Rate for NDMC & MES





# **SUMMARY OF PLAN BUDGET**







(Rs lakh)

## RECEIPT OF FUND FOR CAPITAL WORKS (SECTOR-WISE)

| Name of Sector                   | Actuals<br>2015-16 | BE               |                  |                   | RE               |                  |                  | BE               |                  |                   |
|----------------------------------|--------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
|                                  |                    | 2016-17          |                  | Total             | 2016-17          |                  | Total            | 2017-18          |                  | Total             |
|                                  |                    | Revenue          | Loan             |                   | Revenue          | Loan             |                  | Revenue          | Loan             |                   |
| Water                            | 36,950.00          | 6,500.00         | 31,600.00        | 38,100.00         | 4,750.00         | 31,600.00        | 36,350.00        | 9,850.00         | 53,300.00        | 63,150.00         |
| Sewerage                         | 107,247.00         | 52,500.00        | 38,100.00        | 90,600.00         | 22,300.00        | 32,400.00        | 54,700.00        | 36,060.00        | 39,540.00        | 75,600.00         |
| Sewerage (YAP-II-Central Share)  | -                  | -                | -                | -                 | -                | -                | -                | -                | -                | -                 |
| Sewerage (YAP-III-Central Share) | 496.00             | 1,000.00         | -                | 1,000.00          | 500.00           | -                | 500.00           | 6,000.00         | -                | 6,000.00          |
| <b>Total</b>                     | <b>144,693.00</b>  | <b>60,000.00</b> | <b>69,700.00</b> | <b>129,700.00</b> | <b>27,550.00</b> | <b>64,000.00</b> | <b>91,550.00</b> | <b>51,910.00</b> | <b>92,840.00</b> | <b>144,750.00</b> |

Note:- 1. Out of Rs.36950.00 lac released for Water sector, fund of Rs.4175.00lac was received as Grant-in-aid and Rs.32775.00 lac as Loan.  
2. Similarly,Out of Rs. 107247.00 lac released for Sewerage sector, Fund of Rs.54337.00lac only was released as Grant-in-aid and Rs.52910.00 lac as loan

(Rs lakh)

## RECEIPT OF GRANT-IN-AID(SCHEME-WISE)

| Head of Accounts                                           | Actuals<br>2015-16 | BE                |                  |                   | RE               |                  |                   | BE               |                  |                   |
|------------------------------------------------------------|--------------------|-------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|
|                                                            |                    | 2016-17           |                  | Total             | 2016-17          |                  | Total             | 2017-18          |                  | Total             |
|                                                            |                    | Revenue           | Loan             |                   | Revenue          | Loan             |                   | Revenue          | Loan             |                   |
| Water                                                      | 27,400.00          | 67,600.00         | -                | 67,600.00         | 50,700.00        | -                | 50,700.00         | 30,000.00        | -                | 30,000.00         |
| 1. GIA for Providing water supply in Unauthorized colonies | 100.00             | 200.00            | -                | 200.00            | 300.00           | -                | 300.00            | 700.00           | -                | 700.00            |
| 2. GIA for augmentation of water supply in J. J. Clusters  | 200.00             | 100.00            | -                | 100.00            | 50.00            | -                | 50.00             | 50.00            | -                | 50.00             |
| 3. GIA for Rain Water Harvesting                           | <b>27700.00</b>    | <b>67900.00</b>   | <b>0.00</b>      | <b>67900.00</b>   | <b>51050.00</b>  | <b>0.00</b>      | <b>51050.00</b>   | <b>30750.00</b>  | <b>0.00</b>      | <b>30750.00</b>   |
| <b>Grand Total (Total Plan Outlay)</b>                     | <b>172,393.00</b>  | <b>127,900.00</b> | <b>69,700.00</b> | <b>197,600.00</b> | <b>78,600.00</b> | <b>64,000.00</b> | <b>142,600.00</b> | <b>82,660.00</b> | <b>92,840.00</b> | <b>175,500.00</b> |

**Plan Works- Water Supply  
EXPENDITURE (SCHEME-WISE)**

| S.No | Head of Accounts                                              | Actuals<br>2015-16 |                  |                  | BE<br>2016-17   |                  |                 | RE<br>2016-17    |                 |                  | BE<br>2017-18    |                  |       |
|------|---------------------------------------------------------------|--------------------|------------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|------------------|------------------|-------|
|      |                                                               | Revenue            | Loan             | Total            | Revenue         | Loan             | Total           | Revenue          | Loan            | Total            | Revenue          | Loan             | Total |
|      |                                                               |                    |                  |                  |                 |                  |                 |                  |                 |                  |                  |                  |       |
| A.   | Urban Water supply                                            |                    |                  |                  |                 |                  |                 |                  |                 |                  |                  |                  |       |
| 1    | Replacement of Old distribution and Trunk Transmission System | -                  | 9,000.00         | 9,000.00         | -               | 8,100.00         | 8,100.00        | -                | 13,000.00       | 13,000.00        | -                | 13,000.00        |       |
| 2    | Improvement of existing water works                           | -                  | 10,000.00        | 10,000.00        | -               | 12,000.00        | 12,000.00       | -                | 15,600.00       | 15,600.00        | -                | 15,600.00        |       |
| 3    | Ranney Wells and Tubewells in Urban Area                      | -                  | 2,000.00         | 2,000.00         | -               | 2,500.00         | 2,500.00        | -                | 2,625.00        | 2,625.00         | -                | 2,625.00         |       |
| 4    | Staff Quarters and Office Accommodation                       | -                  | 500.00           | 500.00           | -               | 800.00           | 800.00          | -                | 1,000.00        | 1,000.00         | -                | 1,000.00         |       |
| 5    | Laying of water mains in regularized colonies                 | -                  | 100.00           | 100.00           | -               | 75.00            | 75.00           | -                | 75.00           | 75.00            | -                | 75.00            |       |
| 6    | Raw Water arrangement                                         | 500.00             | -                | 500.00           | 10.00           | -                | 10.00           | 2,500.00         | -               | 2,500.00         | -                | 2,500.00         |       |
| 7    | Distribution Mains and Reservoirs                             | -                  | 4,500.00         | 4,500.00         | -               | 3,375.00         | 3,375.00        | -                | 9,000.00        | 9,000.00         | -                | 9,000.00         |       |
| 8    | 140 MGD WTP at Sonia Vihar                                    | -                  | -                | -                | -               | -                | -               | -                | -               | -                | -                | -                |       |
| 9    | Water Quality Control                                         | 200.00             | -                | 200.00           | 150.00          | -                | 150.00          | 150.00           | -               | 150.00           | -                | 150.00           |       |
| 10   | Metering and leak Management                                  | -                  | 2,000.00         | 2,000.00         | -               | 2,000.00         | 2,000.00        | -                | 2,500.00        | 2,500.00         | -                | 2,500.00         |       |
| 11   | Construction of WTP at Dwarka                                 | -                  | -                | -                | -               | -                | -               | -                | -               | -                | -                | -                |       |
| 12   | Construction of WTP at Palla                                  | -                  | -                | -                | -               | -                | -               | -                | -               | -                | -                | -                |       |
| 13   | Construction of 20MGD WTP Okhla                               | -                  | -                | -                | -               | -                | -               | -                | -               | -                | -                | -                |       |
| 14   | Construction of Barrage at Palla                              | -                  | -                | -                | -               | -                | -               | -                | -               | -                | -                | -                |       |
| 15   | Environmental Greenery and Landscaping                        | 249.75             | 100.00           | 349.75           | 200.00          | -                | 200.00          | 200.00           | 200.00          | 200.00           | -                | 200.00           |       |
|      | <b>Total Urban Water supply</b>                               | <b>59,041.27</b>   | <b>28,100.00</b> | <b>87,141.27</b> | <b>360.00</b>   | <b>28,850.00</b> | <b>360.00</b>   | <b>28,850.00</b> | <b>2,850.00</b> | <b>43,800.00</b> | <b>43,800.00</b> | <b>46,650.00</b> |       |
| B    | <b>I.T. Infrastructure</b>                                    |                    |                  |                  |                 |                  |                 |                  |                 |                  |                  |                  |       |
| 16   | I.T. Infrastructure and Digitized mapping                     | 2,874.65           | 1,500.00         | 4,374.65         | 1,900.00        | -                | 1,900.00        | 1,900.00         | -               | 1,900.00         | -                | 1,900.00         |       |
| 17   | Capacity Building                                             | 40.16              | -                | 40.16            | 100.00          | -                | 100.00          | 100.00           | 50.00           | 50.00            | -                | 50.00            |       |
|      | <b>Total I.T. Infrastructure</b>                              | <b>2,914.81</b>    | <b>1,500.00</b>  | <b>4,414.81</b>  | <b>2,000.00</b> | <b>1,500.00</b>  | <b>3,500.00</b> | <b>2,000.00</b>  | <b>1,950.00</b> | <b>1,950.00</b>  | <b>1,950.00</b>  | <b>1,950.00</b>  |       |
| C    | <b>Common Wealth Games</b>                                    |                    |                  |                  |                 |                  |                 |                  |                 |                  |                  |                  |       |

| S.No | Head of Accounts                                                    | Actuals<br>2015-16 | BE<br>2016-17   |                  | RE<br>2016-17    |                  | BE<br>2017-18   |                  |
|------|---------------------------------------------------------------------|--------------------|-----------------|------------------|------------------|------------------|-----------------|------------------|
|      |                                                                     |                    |                 |                  |                  |                  |                 |                  |
| D    | Water Supply in Trans Yamuna Area                                   | -                  | -               | -                | -                | -                | -               | -                |
| E    | Water supply in Urban Villages                                      | 811.39             | -               | 500.00           | 375.00           | 375.00           | -               | 500.00           |
| F    | Water supply in Resettlement colonies                               | 357.18             | 400.00          | 400.00           | -                | 300.00           | 400.00          | 400.00           |
| G    | Rural Water Supply                                                  |                    |                 |                  |                  |                  |                 |                  |
| 1    | Rural Water supply (General)                                        | 784.48             | 500.00          | 500.00           | -                | 500.00           | 440.00          | 440.00           |
| 2    | Rural Water supply(SCP)                                             | 18.11              | -               | -                | -                | -                | 10.00           | 10.00            |
|      | <b>Total-Rural Water supply</b>                                     | <b>802.59</b>      | <b>500.00</b>   | <b>500.00</b>    | <b>-</b>         | <b>500.00</b>    | <b>450.00</b>   | <b>450.00</b>    |
| H    | EAP Funding-Rehabilitations of Chandrawal WTP and it's command area | 1,216.80           | -               | 2,000.00         | 2,000.00         | 2,000.00         | -               | 8,000.00         |
| I    | EAP Funding-Rehabilitations of Wazirabad WTP and it's command area  | 6.83               | -               | 1,000.00         | 1,000.00         | 375.00           | 375.00          | 1,000.00         |
| J    | Use of Treated Effluent                                             | 51.08              | 300.00          | 300.00           | 840.00           | -                | 200.00          | 200.00           |
| K    | Jan Jai Prabandhan Yoyna                                            | 20.35              | 1,500.00        | 1,500.00         | 375.00           | -                | 1,000.00        | 1,000.00         |
| L    | Water supply in Squatter Re-settlement colonies( new scheme)        | -                  | 1,500.00        | 1,500.00         | -                | 375.00           | 3,000.00        | 3,000.00         |
|      | <b>TOTAL:</b>                                                       | <b>65,222.31</b>   | <b>6,500.00</b> | <b>31,600.00</b> | <b>31,600.00</b> | <b>31,600.00</b> | <b>9,850.00</b> | <b>63,150.00</b> |

**Plan Works-Sewerage and Sanitation  
EXPENDITURE (SCHEME-WISE)**

| S.No     | Head of Accounts                                                                                       | Actuals<br>2015-16 |                 |                 | BE<br>2016-17   |                 |                 | RE<br>2016-17  |                 |                 | BE<br>2017-18 |                 |                 |
|----------|--------------------------------------------------------------------------------------------------------|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|
|          |                                                                                                        | Revenue            | Loan            | Total           | Revenue         | Loan            | Total           | Revenue        | Loan            | Total           | Revenue       | Loan            | Total           |
| <b>A</b> | <b>Sewerage and Sanitation schemes</b>                                                                 |                    |                 |                 |                 |                 |                 |                |                 |                 |               |                 |                 |
| 1        | Trunk, Peripheral Sewer and Gravity Duct Sewerage Treatment Plants & Pumping Stations including R/Mans | 10364.13           | 7500.00         | 7500.00         | 0.00            | 7500.00         | 7500.00         | 0.00           | 6500.00         | 6500.00         | 0.00          | 10000.00        | 10000.00        |
| 2        | Residential Accommodation, Stores, Lab and Godown                                                      | 9412.21            | 16000.00        | 16000.00        | 0.00            | 16000.00        | 16000.00        | 0.00           | 10000.00        | 10000.00        | 0.00          | 18500.00        | 18500.00        |
| 3        | Renovation of existing plants & P. Stn.                                                                | 0.00               | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            |
| 4        | Branch Sewer                                                                                           | 5273.28            | 5000.00         | 5000.00         | 0.00            | 5000.00         | 5000.00         | 0.00           | 3750.00         | 3750.00         | 0.00          | 0.00            | 0.00            |
| 5        | Utilisation of Gas at various Plants                                                                   | 6814.99            | 9000.00         | 9000.00         | 0.00            | 9000.00         | 9000.00         | 0.00           | 9250.00         | 9250.00         | 0.00          | 9000.00         | 9000.00         |
| 6        | Environmental Greenary and Landscaping                                                                 | 0.00               | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            |
| 7        | Sewerage Quality Control                                                                               | 0.00               | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            |
| 8        | <b>Total Sewerage and Sanitation</b>                                                                   | <b>31864.62</b>    | <b>37500.00</b> | <b>37500.00</b> | <b>0.00</b>     | <b>37500.00</b> | <b>37500.00</b> | <b>0.00</b>    | <b>29500.00</b> | <b>29500.00</b> | <b>0.00</b>   | <b>37500.00</b> | <b>37500.00</b> |
| <b>B</b> | <b>Common Wealth Games</b>                                                                             | 0.00               | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            |
| <b>C</b> | <b>I.T. Infrastructure</b>                                                                             |                    |                 |                 |                 |                 |                 |                |                 |                 |               |                 |                 |
| 1        | I. T. Infrastructure                                                                                   | 0.00               | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            |
| 2        | Capacity Building                                                                                      | 0.00               | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            |
|          | <b>Total-I.T. Infrastructure</b>                                                                       | <b>0.00</b>        | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>    | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>   | <b>0.00</b>     | <b>0.00</b>     |
| <b>D</b> | <b>JNNURM</b>                                                                                          |                    |                 |                 |                 |                 |                 |                |                 |                 |               |                 |                 |
| 1        | Interceptor of Sewers                                                                                  | 23623.74           | 0.00            | 20000.00        | 20000.00        | 0.00            | 20000.00        | 1100.00        | 2400.00         | 3500.00         | 0.00          | 1000.00         | 1000.00         |
| 2        | Rehabilitation of Trunk sewer                                                                          | 0.00               | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            |
| 3        | STP/SPS at Nichthi and Pappankalan                                                                     | 0.00               | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            |
|          | <b>Total-JNNURM</b>                                                                                    | <b>23623.74</b>    | <b>0.00</b>     | <b>20000.00</b> | <b>20000.00</b> | <b>0.00</b>     | <b>20000.00</b> | <b>1100.00</b> | <b>2400.00</b>  | <b>3500.00</b>  | <b>0.00</b>   | <b>1000.00</b>  | <b>1000.00</b>  |
| <b>E</b> | <b>Abatement of pollution of River Yamuna</b>                                                          | 0.00               | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00           | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            |

| s.No | Head of Accounts                                                       | Actuals<br>2015-16 | BE<br>2016-17 |          |          |          | RE<br>2016-17 |          |          |          | BE<br>2017-18 |      |      |          |
|------|------------------------------------------------------------------------|--------------------|---------------|----------|----------|----------|---------------|----------|----------|----------|---------------|------|------|----------|
|      |                                                                        |                    |               |          |          |          |               |          |          |          |               |      |      |          |
| F    | EAP Funding YAP-II                                                     | -928.24            | 0.00          | 0.00     | 0.00     | 0.00     | 0.00          | 0.00     | 0.00     | 0.00     | 0.00          | 0.00 | 0.00 | 0.00     |
| G    | EAP Funding YAP-III                                                    | 135.70             | 0.00          | 200.00   | 200.00   | 0.00     | 100.00        | 100.00   | 0.00     | 0.00     | 840.00        | 0.00 | 0.00 | 840.00   |
| H    | Sewerage & drains schemes<br>in Trans Yamuna Area                      | 356.62             | 0.00          | 0.00     | 0.00     | 0.00     | 0.00          | 0.00     | 0.00     | 0.00     | 0.00          | 0.00 | 0.00 | 0.00     |
| I    | Sewerage facilities in Urban<br>Villages                               | 114.06             | 0.00          | 100.00   | 100.00   | 0.00     | 100.00        | 100.00   | 0.00     | 0.00     | 10.00         | 0.00 | 0.00 | 10.00    |
| J    | Sewerage facilities in Rural<br>Villages                               | 448.24             | 500.00        | 0.00     | 500.00   | 400.00   | 400.00        | 0.00     | 400.00   | 600.00   | 0.00          | 0.00 | 0.00 | 600.00   |
| K    | Sewerage facilities in RSC                                             | 413.68             | 0.00          | 300.00   | 300.00   | 0.00     | 300.00        | 300.00   | 0.00     | 0.00     | 190.00        | 0.00 | 0.00 | 190.00   |
| L    | Sewerage facilities in<br>Unauthorised colonies                        | 19996.41           | 29000.00      | 0.00     | 29000.00 | 20000.00 | 20000.00      | 0.00     | 20000.00 | 30000.00 | 0.00          | 0.00 | 0.00 | 30000.00 |
| N    | NGT Component(Project<br>yet to be decided)                            | 0.00               | 0.00          | 0.00     | 0.00     | 0.00     | 0.00          | 0.00     | 0.00     | 0.00     | 0.00          | 0.00 | 0.00 | 0.00     |
| O    | Sewerage facility in<br>Squatter Re-settlement<br>colonies(New Scheme) | 0.00               | 2000.00       | 0.00     | 0.00     | 500.00   | 500.00        | 0.00     | 500.00   | 10.00    | 0.00          | 0.00 | 0.00 | 10.00    |
| P    | Sewerage facility in<br>Katras( new scheme)                            | 0.00               | 1000.00       | 0.00     | 0.00     | 300.00   | 300.00        | 0.00     | 300.00   | 450.00   | 0.00          | 0.00 | 0.00 | 450.00   |
| Q    | Yamuna Rejuvenation(new<br>Head)                                       | 0.00               | 0.00          | 0.00     | 0.00     | 0.00     | 0.00          | 0.00     | 0.00     | 5000.00  | 0.00          | 0.00 | 0.00 | 5000.00  |
|      | TOTAL:                                                                 | 76024.82           | 52500.00      | 38100.00 | 87600.00 | 22300.00 | 32400.00      | 54700.00 | 54700.00 | 36060.00 | 39540.00      | 0.00 | 0.00 | 75600.00 |
| 1    | YAP-II (Central Share)                                                 | 0.00               | 0.00          | 0.00     | 0.00     | 0.00     | 0.00          | 0.00     | 0.00     | 0.00     | 0.00          | 0.00 | 0.00 | 0.00     |
| 2    | YAP-III(Central Share)                                                 | 0.00               | 1000.00       | 0.00     | 1000.00  | 500.00   | 500.00        | 0.00     | 500.00   | 6000.00  | 0.00          | 0.00 | 0.00 | 6000.00  |
|      | Grand Total                                                            | 76024.82           | 53500.00      | 38100.00 | 88600.00 | 22800.00 | 32400.00      | 55200.00 | 55200.00 | 42060.00 | 39540.00      | 0.00 | 0.00 | 81600.00 |

**Section(E) -Grant-in-aid**

**RECEIPT OF GRANT IN AID (SCHEME-WISE)**

(Rs lakh)

| Head of Accounts                                                    | Actuals          | BE               | RE               | BE               |
|---------------------------------------------------------------------|------------------|------------------|------------------|------------------|
|                                                                     | 2015-16          | 2016-17          | 2016-17          | 2017-18          |
| <b>Water</b>                                                        |                  |                  |                  |                  |
| 1. GIA for Providing water supply in Unauthorized colonies          | 27,400.00        | 67,600.00        | 50,700.00        | 30,000.00        |
| 2. GIA for augmentation of water supply in J. J. Clusters           | 100.00           | 200.00           | 300.00           | 700.00           |
| 3. GIA for Rain Water Harvesting                                    | 200.00           | 100.00           | 50.00            | 50.00            |
| 4. GIA for water supply and sewerage schemes under MLA's Priorities | -                |                  |                  |                  |
| <b>TOTAL:</b>                                                       | <b>27,700.00</b> | <b>67,900.00</b> | <b>51,050.00</b> | <b>30,750.00</b> |

**Section(E) -Grant-in-aid**

**EXPENDITURE (SCHEME-WISE)**

(Rs lakh)

| Head of Accounts                                           | Actuals          | BE               | RE               | BE               |
|------------------------------------------------------------|------------------|------------------|------------------|------------------|
|                                                            | 2015-16          | 2016-17          | 2016-17          | 2017-18          |
| <b>Water</b>                                               |                  |                  |                  |                  |
| 1. GIA for Providing water supply in Unauthorized colonies | 26,304.62        | 67,600.00        | 50,700.00        | 30,000.00        |
| 2. GIA for augmentation of water supply in J. J. Clusters  | 144.35           | 200.00           | 300.00           | 700.00           |
| 3. GIA for Rain Water Harvesting                           | 52.92            | 100.00           | 50.00            | 50.00            |
| <b>TOTAL:</b>                                              | <b>26,501.89</b> | <b>67,900.00</b> | <b>51,050.00</b> | <b>30,750.00</b> |



**PLAN BUDGET  
SECTION – A  
WATER BULK**







(Rs lakh)

**Section(A)-Plan-Water Bulk  
EXPENDITURE (SCHEME-WISE)**

| S.No | Head of Accounts                                                             | Actuals<br>2015-16 | BE<br>2016-17  |                |                | RE<br>2016-17 |                |       | BE<br>2017-18 |                |                |                |
|------|------------------------------------------------------------------------------|--------------------|----------------|----------------|----------------|---------------|----------------|-------|---------------|----------------|----------------|----------------|
|      |                                                                              |                    | Revenue        | Loan           | Total          | Revenue       | Loan           | Total | Revenue       | Loan           | Total          |                |
| A.   | Urban Water supply                                                           |                    |                |                |                |               |                |       |               |                |                |                |
| 1    | Replacement of Old distribution and Trunk Transmission System                | 371.48             |                | 500.00         | 500.00         |               | 500.00         |       |               | 500.00         |                | 500.00         |
| 2    | Improvement of existing water works Ranney Wells and Tubewells in Urban Area | 6376.70            |                | 2000.00        | 2000.00        |               | 2900.00        |       |               | 2900.00        |                | 3000.00        |
| 3    |                                                                              | 0.00               |                | 0.00           | 0.00           |               | 0.00           |       |               | 0.00           |                | 0.00           |
| 4    | Staff Quarters and Office Accommodation                                      | 355.09             |                | 50.00          | 50.00          |               | 100.00         |       |               | 100.00         |                | 250.00         |
| 5    | Laying of water mains in regularized colonies                                | 0.00               |                | 0.00           | 0.00           |               | 0.00           |       |               | 0.00           |                | 0.00           |
| 6    | Raw Water arrangement                                                        | 2617.25            | 500.00         |                | 500.00         |               | 0.00           |       |               | 0.00           | 2500.00        | 2500.00        |
| 7    | Distribution Mains and Reservoirs                                            | 1190.92            |                | 500.00         | 500.00         |               | 500.00         |       |               | 500.00         |                | 1000.00        |
| 8    | 140 MGD WTP at Sonia Vihar                                                   | 0.00               |                | 0.00           | 0.00           |               | 0.00           |       |               | 0.00           |                | 0.00           |
| 9    | Water Quality Control                                                        | 123.10             | 200.00         |                | 200.00         |               | 150.00         |       |               | 150.00         |                | 150.00         |
| 10   | Metering and leak Management                                                 | 84.49              |                | 100.00         | 100.00         |               | 100.00         |       |               | 100.00         |                | 100.00         |
| 11   | Construction of WTP at Dwarka                                                | 0.00               |                | 0.00           | 0.00           |               | 0.00           |       |               | 0.00           |                | 0.00           |
| 12   | Construction of WTP at Palla                                                 | 0.00               |                | 0.00           | 0.00           |               | 0.00           |       |               | 0.00           |                | 0.00           |
| 13   | Construction of 20MGD WTP Okhla                                              | 0.00               |                | 0.00           | 0.00           |               | 0.00           |       |               | 0.00           |                | 0.00           |
| 14   | Construction of Barrage at Palla                                             | 0.00               |                | 0.00           | 0.00           |               | 0.00           |       |               | 0.00           |                | 0.00           |
| 15   | Environmental Greenary and Landscaping                                       | 249.75             | 100.00         |                | 100.00         |               | 200.00         |       |               | 200.00         |                | 200.00         |
|      | <b>Total Urban Water supply</b>                                              | <b>11368.76</b>    | <b>800.00</b>  | <b>3150.00</b> | <b>3950.00</b> |               | <b>4100.00</b> |       |               | <b>4450.00</b> | <b>4850.00</b> | <b>7700.00</b> |
| B    | I.T. Infrastructure                                                          |                    |                |                |                |               |                |       |               |                |                |                |
| 16   | I.T. Infrastructure and Digitized mapping                                    | 385.11             | 1100.00        |                | 1100.00        |               | 1700.00        |       |               | 1700.00        |                | 1200.00        |
| 17   | Capacity Building                                                            | 40.16              |                | 0.00           | 0.00           |               | 100.00         |       |               | 100.00         |                | 50.00          |
|      | <b>Total - I.T. Infrastructure</b>                                           | <b>425.28</b>      | <b>1100.00</b> | <b>0.00</b>    | <b>1100.00</b> |               | <b>1800.00</b> |       |               | <b>1800.00</b> | <b>0.00</b>    | <b>1250.00</b> |
| C    | Common Wealth Games                                                          | 0.00               |                | 0.00           | 0.00           |               | 0.00           |       |               | 0.00           |                | 0.00           |
| D    | Water Supply in Trans Yamuna Area                                            | 0.00               |                | 0.00           | 0.00           |               | 0.00           |       |               | 0.00           |                | 0.00           |
| E    | Water supply in Urban Villages                                               | 0.00               |                | 0.00           | 0.00           |               | 0.00           |       |               | 0.00           |                | 0.00           |
| F    | Water supply in Resettlement colonies                                        | 0.00               |                | 0.00           | 0.00           |               | 0.00           |       |               | 0.00           |                | 0.00           |
| G    | Rural Water Supply                                                           |                    |                |                |                |               |                |       |               |                |                |                |





**PLAN BUDGET  
SECTION – B  
SEWERAGE BULK**





**Section (B)-Plan- Sewerage Bulk  
EXPENDITURE (SCHEME-WISE)**

(Rs lakh)

| S.No     | Head of Accounts                                             | Actuals         |                 |                 | BE      |                 |                 | RE      |      |       | BE              |                 |       |
|----------|--------------------------------------------------------------|-----------------|-----------------|-----------------|---------|-----------------|-----------------|---------|------|-------|-----------------|-----------------|-------|
|          |                                                              | 2015-16         |                 |                 | 2016-17 |                 |                 | 2016-17 |      |       | 2017-18         |                 |       |
|          |                                                              | Revenue         | Loan            | Total           | Revenue | Loan            | Total           | Revenue | Loan | Total | Revenue         | Loan            | Total |
| <b>A</b> | <b>Sewerage and Sanitation schemes</b>                       |                 |                 |                 |         |                 |                 |         |      |       |                 |                 |       |
| 1        | Trunk, Peripheral Sewer and Gravity Duct                     | 83.92           | 1,300.00        | 1,300.00        |         | 800.00          | 800.00          |         |      |       | 1,300.00        | 1,300.00        |       |
| 2        | Sewage Treatment Plants & Pumping Stations including R/Mains | 3,333.31        | 1,700.00        | 1,700.00        |         | 2,000.00        | 2,000.00        |         |      |       | 3,200.00        | 3,200.00        |       |
| 3        | Residential Accommodation, Stores, Lab and Godown            | -               |                 | -               |         |                 |                 |         |      |       |                 |                 |       |
| 4        | Renovation of existing plants & P.Stn.                       | 4,826.84        | 4,500.00        | 4,500.00        |         | 3,250.00        | 3,250.00        |         |      |       |                 |                 |       |
| 5        | Branch Sewer                                                 | -               |                 | -               |         |                 |                 |         |      |       |                 |                 |       |
| 6        | Utilisation of Gas at various Plants                         | -               |                 | -               |         |                 |                 |         |      |       |                 |                 |       |
| 7        | Environmental Greenery and Landscaping                       | -               |                 | -               |         |                 |                 |         |      |       |                 |                 |       |
| 8        | Sewerage Quality Control                                     | -               |                 | -               |         |                 |                 |         |      |       |                 |                 |       |
|          | <b>Total Sewerage and Sanitation</b>                         | <b>8,244.08</b> | <b>7,500.00</b> | <b>7,500.00</b> |         | <b>6,050.00</b> | <b>6,050.00</b> |         |      |       | <b>4,500.00</b> | <b>4,500.00</b> |       |
| <b>B</b> | <b>Common Wealth Games</b>                                   |                 |                 |                 |         |                 |                 |         |      |       |                 |                 |       |
| <b>C</b> | <b>I.T. Infrastructure</b>                                   |                 |                 |                 |         |                 |                 |         |      |       |                 |                 |       |
| 1        | I. T. Infrastructure                                         | -               |                 | -               |         |                 |                 |         |      |       |                 |                 |       |
| 2        | Capacity Building                                            | -               |                 | -               |         |                 |                 |         |      |       |                 |                 |       |
|          | <b>Total I. Infrastructure</b>                               |                 |                 |                 |         |                 |                 |         |      |       |                 |                 |       |
| <b>D</b> | <b>JNNURM</b>                                                |                 |                 |                 |         |                 |                 |         |      |       |                 |                 |       |
| 1        | Interceptor of Sewers                                        | -               |                 | -               |         |                 |                 |         |      |       |                 |                 |       |
| 2        | Rehabilitation of Trunk sewer                                | -               |                 | -               |         |                 |                 |         |      |       |                 |                 |       |
| 3        | STP/SPS at Nilothi and Pappankalan                           | -               |                 | -               |         |                 |                 |         |      |       |                 |                 |       |
|          | <b>Total-JNNURM</b>                                          |                 |                 |                 |         |                 |                 |         |      |       |                 |                 |       |
| <b>E</b> | <b>Abatement of pollution of River Yamuna</b>                |                 |                 |                 |         |                 |                 |         |      |       |                 |                 |       |





**PLAN BUDGET  
SECTION – C**

**WATER AND  
SEWERAGE  
CONSTRUCTION**







**Section(C)-Plan-Water Construction  
EXPENDITURE (SCHEME-WISE)**

(Rs lakh)

| S.No                                     | Head of Accounts                                                             | Actuals<br>2015-16 |                  |                  | BE<br>2016-17    |                  |                  | RE<br>2016-17    |                  |                  | BE<br>2017-18 |                  |       |
|------------------------------------------|------------------------------------------------------------------------------|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------|------------------|-------|
|                                          |                                                                              | Revenue            | Loan             | Total            | Revenue          | Loan             | Total            | Revenue          | Loan             | Total            | Revenue       | Loan             | Total |
| <b>A. Urban Water supply</b>             |                                                                              |                    |                  |                  |                  |                  |                  |                  |                  |                  |               |                  |       |
| 1                                        | Replacement of Old distribution and Trunk Transmission System                | 2,232.45           | 5,500.00         | 5,500.00         | 4,100.00         | 4,100.00         | 4,100.00         | 7,500.00         | 7,500.00         | 7,500.00         |               | 7,500.00         |       |
| 2                                        | Improvement of existing water works Ranney Wells and Tubewells in Urban Area | 10,716.15          | 5,000.00         | 5,000.00         | 7,600.00         | 7,600.00         | 7,600.00         | 6,000.00         | 6,000.00         | 6,000.00         |               | 6,000.00         |       |
| 3                                        | Staff Quarters and Office                                                    | 284.17             | 50.00            | 50.00            | 100.00           | 100.00           | 100.00           | 150.00           | 150.00           | 150.00           |               | 150.00           |       |
| 4                                        | Laying of water mains in regularized colonies                                | -                  | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |
| 5                                        | Raw Water arrangement                                                        | 1,818.98           | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |
| 6                                        | Distribution Mains and Reservoirs                                            | 11,716.14          | 3,500.00         | 3,500.00         | 2,375.00         | 2,375.00         | 2,375.00         | 6,500.00         | 6,500.00         | 6,500.00         |               | 6,500.00         |       |
| 7                                        | 140 MGD WTP at Sonia Vihar                                                   | -                  | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |
| 8                                        | Water Quality Control                                                        | -                  | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |
| 9                                        | Metering and leak Management                                                 | 2,924.14           | 1,900.00         | 1,900.00         | 1,900.00         | 1,900.00         | 1,900.00         | 2,400.00         | 2,400.00         | 2,400.00         |               | 2,400.00         |       |
| 10                                       | Construction of WTP at Dwarka                                                | -                  | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |
| 11                                       | Construction of WTP at Palla                                                 | -                  | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |
| 12                                       | Construction of 20MGD WTP Okhla                                              | -                  | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |
| 13                                       | Construction of Barrage at Palla                                             | -                  | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |
| 14                                       | Environmental Greenary and Landscaping                                       | -                  | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |
| 15                                       | <b>Total Urban Water supply</b>                                              | <b>29,692.04</b>   | <b>15,950.00</b> | <b>15,950.00</b> | <b>16,075.00</b> | <b>16,075.00</b> | <b>16,075.00</b> | <b>22,550.00</b> | <b>22,550.00</b> | <b>22,550.00</b> |               | <b>22,550.00</b> |       |
| <b>B. I.T. Infrastructure</b>            |                                                                              |                    |                  |                  |                  |                  |                  |                  |                  |                  |               |                  |       |
| 16                                       | I.T. Infrastructure and Digitized mapping                                    | 33.02              | 200.00           | 200.00           | 100.00           | 100.00           | 100.00           | 300.00           | 300.00           | 300.00           |               | 300.00           |       |
| 17                                       | Capacity Building                                                            | -                  | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |
|                                          | <b>Total I.T. Infrastructure</b>                                             | <b>33.02</b>       | <b>200.00</b>    | <b>200.00</b>    | <b>100.00</b>    | <b>100.00</b>    | <b>100.00</b>    | <b>300.00</b>    | <b>300.00</b>    | <b>300.00</b>    |               | <b>300.00</b>    |       |
| <b>C. Common Wealth Games</b>            |                                                                              |                    |                  |                  |                  |                  |                  |                  |                  |                  |               |                  |       |
|                                          | <b>Water Supply in Trans Yamuna Area</b>                                     | -                  | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |
| <b>D. Water supply in Urban Villages</b> |                                                                              |                    |                  |                  |                  |                  |                  |                  |                  |                  |               |                  |       |
|                                          | <b>Water supply in Resettlement colonies</b>                                 | 12.00              | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |
| <b>E. Rural Water Supply</b>             |                                                                              |                    |                  |                  |                  |                  |                  |                  |                  |                  |               |                  |       |
| 1                                        | Rural Water supply (General)                                                 | -                  | -                | -                | -                | -                | -                | -                | -                | -                |               | -                |       |

|   |                                                                    |           |          |           |           |           |           |          |           |           |          |          |          |          |          |          |          |          |          |          |
|---|--------------------------------------------------------------------|-----------|----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 2 | Rural Water supply(SCP)                                            | -         | -        | -         | -         | -         | -         | -        | -         | -         | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        |
|   | Total-Rural Water supply                                           | -         | -        | -         | -         | -         | -         | -        | -         | -         | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        |
| H | EAP Funding-Rehabilitaions of Chandrawal WTP and it's command area | 1,216.80  | 1,800.00 | 1,800.00  | 1,800.00  | 1,800.00  | 1,800.00  | 1,800.00 | 1,800.00  | 1,800.00  | 1,800.00 | 1,800.00 | 1,800.00 | 1,800.00 | 1,800.00 | 1,800.00 | 1,800.00 | 1,800.00 | 1,800.00 | 4,800.00 |
| I | EAP Funding-Rehabilitaions of Wazirabad WTP and it's command area  | 6.83      | 1,000.00 | 1,000.00  | 1,000.00  | 1,000.00  | 1,000.00  | 1,000.00 | 1,000.00  | 1,000.00  | 1,000.00 | 1,000.00 | 1,000.00 | 1,000.00 | 1,000.00 | 1,000.00 | 1,000.00 | 1,000.00 | 1,000.00 | 1,000.00 |
| J | Use of Treated Effluent                                            | 51.08     |          |           |           |           |           |          |           |           |          |          |          |          |          |          |          |          |          |          |
| K | Jan Jal Prabandhan Yoyna                                           | 20.35     |          |           |           |           |           |          |           |           |          |          |          |          |          |          |          |          |          |          |
| L | Water supply in Squatter Re-settlement colonies( new scheme)       |           |          |           |           |           |           |          |           |           |          |          |          |          |          |          |          |          |          |          |
|   | TOTAL:                                                             | 31,032.12 | 200.00   | 18,750.00 | 18,950.00 | 18,250.00 | 18,350.00 | 300.00   | 28,350.00 | 28,650.00 |          |          |          |          |          |          |          |          |          |          |

**Section (C)-Plan- Sewerage Construction  
EXPENDITURE (SCHEME-WISE)**

(Rs lakh)

| S.No     | Head of Accounts                                             | Actuals<br>2015-16 | BE<br>2016-17    |                  |                  | RE<br>2016-17   |                  |                  | BE<br>2017-18   |                  |                  |
|----------|--------------------------------------------------------------|--------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|------------------|
|          |                                                              |                    | Revenue          | Loan             | Total            | Revenue         | Loan             | Total            | Revenue         | Loan             | Total            |
| <b>A</b> | <b>Sewerage and Sanitation schemes</b>                       |                    |                  |                  |                  |                 |                  |                  |                 |                  |                  |
| 1        | Trunk, Peripheral Sewer and Gravity Duct                     | 7,074.54           |                  | 4,000.00         | 4,000.00         |                 | 3,700.00         | 3,700.00         |                 | 5,500.00         | 5,500.00         |
| 2        | Sewage Treatment Plants & Pumping Stations including R/Mains | 6,008.22           |                  | 14,200.00        | 14,200.00        |                 | 7,900.00         | 7,900.00         |                 | 15,200.00        | 15,200.00        |
| 3        | Residential Accommodation, Stores, Lab and Godown            | -                  |                  | -                | -                |                 | -                | -                |                 | -                | -                |
| 4        | Renovation of existing plants & P.Stn.                       | 6.36               |                  | -                | -                |                 | -                | -                |                 | -                | -                |
| 5        | Branch Sewer                                                 | 68.78              |                  | 200.00           | 200.00           |                 | 200.00           | 200.00           |                 | 100.00           | 100.00           |
| 6        | Utilisation of Gas at various Plants                         | -                  |                  | -                | -                |                 | -                | -                |                 | -                | -                |
| 7        | Environmental Greenary and Landscaping                       | -                  |                  | -                | -                |                 | -                | -                |                 | -                | -                |
| 8        | Sewerage Quality Control                                     | -                  |                  | -                | -                |                 | -                | -                |                 | -                | -                |
|          | <b>Total Sewerage and Sanitation</b>                         | <b>13,157.90</b>   | <b>-</b>         | <b>18,400.00</b> | <b>18,400.00</b> | <b>-</b>        | <b>11,800.00</b> | <b>11,800.00</b> | <b>-</b>        | <b>20,800.00</b> | <b>20,800.00</b> |
| <b>B</b> | <b>Common Wealth Games</b>                                   | -                  |                  | -                | -                |                 | -                | -                |                 | -                | -                |
| <b>C</b> | <b>I.T. Infrastructure</b>                                   |                    |                  |                  |                  |                 |                  |                  |                 |                  |                  |
| 1        | I. T. Infrastructure                                         | -                  |                  | -                | -                |                 | -                | -                |                 | -                | -                |
| 2        | Capacity Building                                            | -                  |                  | -                | -                |                 | -                | -                |                 | -                | -                |
|          | <b>Total I. T. Infrastructure</b>                            | <b>-</b>           | <b>-</b>         | <b>-</b>         | <b>-</b>         | <b>-</b>        | <b>-</b>         | <b>-</b>         | <b>-</b>        | <b>-</b>         | <b>-</b>         |
| <b>D</b> | <b>JNNURM</b>                                                |                    |                  |                  |                  |                 |                  |                  |                 |                  |                  |
| 1        | Interceptor of Sewers                                        | 23,623.74          | 20,000.00        | 20,000.00        | 20,000.00        | 1,100.00        | 2,400.00         | 3,500.00         | 1,000.00        | 1,000.00         | 1,000.00         |
| 2        | Rehabilitation of Trunk sewer                                | -                  | -                | -                | -                |                 | -                | -                |                 | -                | -                |
| 3        | STP/SPS at Nilothi and Pappankalan                           | -                  |                  | -                | -                |                 | -                | -                |                 | -                | -                |
|          | <b>Total-JNNURM</b>                                          | <b>23,623.74</b>   | <b>20,000.00</b> | <b>20,000.00</b> | <b>20,000.00</b> | <b>1,100.00</b> | <b>2,400.00</b>  | <b>3,500.00</b>  | <b>1,000.00</b> | <b>1,000.00</b>  | <b>1,000.00</b>  |
| <b>E</b> | <b>Abatement of pollution of River Yamuna</b>                | -                  |                  | -                | -                |                 | -                | -                |                 | -                | -                |
| <b>F</b> | <b>EAP Funding YAP-II</b>                                    | (1,030.60)         |                  | -                | -                |                 | -                | -                |                 | -                | -                |

|   |                                                          |           |           |           |           |           |           |           |           |           |           |           |
|---|----------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| G | EAP Fundding YAP-III                                     | 135.70    |           | 200.00    |           | 200.00    |           | 100.00    | 100.00    |           | 840.00    | 840.00    |
| H | Sewage & drains schemes in Trans Yamuna Area             | -         |           | -         |           | -         |           | -         | -         |           | -         | -         |
| I | Sewerage facilities in Urban Villages                    | 1.23      |           | -         |           | -         |           | -         | -         |           | -         | -         |
| J | Sewerage facilities in Rural Villages                    | 448.24    | 150.00    | 150.00    | 200.00    | 200.00    | 150.00    | 200.00    | 150.00    |           | 150.00    | 150.00    |
| K | Sewerage facilities in RSC                               | 83.70     |           | -         |           | -         |           | -         | -         |           | -         | -         |
| L | Sewerage facilities in Unauthorised colonies             | 19,717.02 | 28,000.00 | 28,000.00 | 19,000.00 | 19,000.00 | 28,000.00 | 19,000.00 | 29,000.00 |           | 29,000.00 | 29,000.00 |
| N | NGT Component(Project yet to be decided)                 | -         |           | -         |           | -         |           | -         | -         |           | -         | -         |
| O | Sewerage facility in Squatter Re-settlement colonies(New | -         |           | -         |           | -         |           | -         | -         |           | -         | -         |
| P | Sewerage facility in Katras(new scheme)                  | -         |           | -         |           | -         |           | -         | -         |           | -         | -         |
| Q | Yamuna Rejuvenation(new Head)                            |           |           | -         |           | -         |           | -         | 5,000.00  |           | 5,000.00  | 5,000.00  |
|   | TOTAL:                                                   | 56,136.93 | 48,150.00 | 18,600.00 | 20,300.00 | 66,750.00 | 14,300.00 | 34,600.00 | 34,150.00 | 22,640.00 | 56,790.00 | 56,790.00 |
| 1 | YAP-II (Central Share)                                   |           | 1,000.00  | 1,000.00  | 500.00    | 500.00    | 500.00    | 500.00    | 6,000.00  |           | 6,000.00  | 6,000.00  |
| 2 | YAP-III (Central Share)                                  | 56,136.93 | 49,150.00 | 18,600.00 | 20,800.00 | 67,750.00 | 14,300.00 | 35,100.00 | 40,150.00 | 22,640.00 | 62,790.00 | 62,790.00 |



**PLAN BUDGET  
SECTION – D  
MAINTENANCE**





**Section (D)-Plan-Water Maintenance  
EXPENDITURE (SCHEME-WISE)**

| S.No                          | Head of Accounts                                                                      | Actuals<br>2015-16 | BE<br>2016-17 |                |                | RE<br>2016-17 |                |                | BE<br>2017-18 |                 |                 |
|-------------------------------|---------------------------------------------------------------------------------------|--------------------|---------------|----------------|----------------|---------------|----------------|----------------|---------------|-----------------|-----------------|
|                               |                                                                                       |                    | Revenue       | Loan           | Total          | Revenue       | Loan           | Total          | Revenue       | Loan            | Total           |
| <b>A. Urban Water supply</b>  |                                                                                       |                    |               |                |                |               |                |                |               |                 |                 |
| 1                             | Replacement of Old distribution and Trunk Transmission System                         | 9609.43            |               | 3000.00        | 3000.00        |               | 3500.00        | 3500.00        |               | 5000.00         | 5000.00         |
| 2                             | Improvement of existing water works Ranney Wells and Tubewells in Urban Area          | 3502.02            |               | 3000.00        | 3000.00        |               | 1500.00        | 1500.00        |               | 6600.00         | 6600.00         |
| 3                             | Staff Quarters and Office Accommodation Laying of water mains in regularized colonies | 1440.62            |               | 2000.00        | 2000.00        |               | 2500.00        | 2500.00        |               | 2625.00         | 2625.00         |
| 4                             | Raw Water arrangement                                                                 | 687.42             |               | 400.00         | 400.00         |               | 600.00         | 600.00         |               | 600.00          | 600.00          |
| 5                             | Distribution Mains and Reservoirs                                                     | 133.47             |               | 100.00         | 100.00         |               | 75.00          | 75.00          |               | 75.00           | 75.00           |
| 6                             | Water Quality Control                                                                 | 2386.76            | 0.00          | 0.00           | 0.00           |               | 10.00          | 10.00          |               | 0.00            | 0.00            |
| 7                             | Metering and leak Management                                                          | 220.73             |               | 500.00         | 500.00         |               | 500.00         | 500.00         |               | 1500.00         | 1500.00         |
| 8                             | Construction of WTP at Dwarka                                                         | 0.00               |               | 0.00           | 0.00           |               |                |                |               | 0.00            | 0.00            |
| 9                             | Construction of WTP at Palla                                                          | 0.00               |               | 0.00           | 0.00           |               |                |                |               | 0.00            | 0.00            |
| 10                            | Construction of 20MGD WTP Okhla                                                       | 0.00               |               | 0.00           | 0.00           |               |                |                |               | 0.00            | 0.00            |
| 11                            | Construction of Barrage at Palla                                                      | 0.00               |               | 0.00           | 0.00           |               |                |                |               | 0.00            | 0.00            |
| 12                            | Environmental Greenary and Landscaping                                                | 0.00               |               | 0.00           | 0.00           |               |                |                |               | 0.00            | 0.00            |
| 13                            | Total Urban Water supply                                                              | <b>17980.46</b>    | <b>0.00</b>   | <b>9000.00</b> | <b>9000.00</b> | <b>10.00</b>  | <b>8675.00</b> | <b>8685.00</b> | <b>0.00</b>   | <b>16400.00</b> | <b>16400.00</b> |
| <b>B. I.T. Infrastructure</b> |                                                                                       |                    |               |                |                |               |                |                |               |                 |                 |
| 14                            | I.T. Infrastructure and Digitized mapping                                             | 2456.52            | 200.00        | 200.00         | 200.00         |               | 100.00         | 100.00         |               | 400.00          | 400.00          |
| 15                            | Capacity Building                                                                     | 0.00               | 0.00          | 0.00           | 0.00           |               | 0.00           | 0.00           |               | 0.00            | 0.00            |
|                               | <b>Total- I.T. Infrastructure</b>                                                     | <b>2456.52</b>     | <b>200.00</b> | <b>200.00</b>  | <b>200.00</b>  | <b>100.00</b> | <b>0.00</b>    | <b>100.00</b>  | <b>400.00</b> | <b>400.00</b>   | <b>400.00</b>   |
| <b>C. Common Wealth Games</b> |                                                                                       |                    |               |                |                |               |                |                |               |                 |                 |
| 16                            | Water Supply in Trans Yamuna Area                                                     | 0.00               |               | 0.00           | 0.00           |               | 0.00           | 0.00           |               | 0.00            | 0.00            |
| 17                            | Water supply in Urban Villages                                                        | 811.39             |               | 500.00         | 500.00         |               | 375.00         | 375.00         |               | 500.00          | 500.00          |
| 18                            | Water supply in Resettlement colonies                                                 | 345.18             | 400.00        | 400.00         | 400.00         |               | 300.00         | 300.00         |               | 400.00          | 400.00          |
| <b>G. Rural Water Supply</b>  |                                                                                       |                    |               |                |                |               |                |                |               |                 |                 |
| 1                             | Rural Water supply (General)                                                          | 784.48             | 500.00        | 500.00         | 500.00         |               | 500.00         | 500.00         |               | 440.00          | 440.00          |





**Section( D)-Plan-Sewerage Maintenance  
EXPENDITURE (SCHEME-WISE)**

(Rs lakh)

| S.No | Head of Accounts                                             | Actuals          |                  |                  | BE       |          |                  | RE       |                  |                  | BE       |                  |                  |
|------|--------------------------------------------------------------|------------------|------------------|------------------|----------|----------|------------------|----------|------------------|------------------|----------|------------------|------------------|
|      |                                                              | 2015-16          |                  |                  | 2016-17  |          |                  | 2016-17  |                  |                  | 2017-18  |                  |                  |
|      |                                                              | Revenue          | Loan             | Total            | Revenue  | Loan     | Total            | Revenue  | Loan             | Total            | Revenue  | Loan             | Total            |
| A    | Sewerage and Sanitation schemes                              |                  |                  |                  |          |          |                  |          |                  |                  |          |                  |                  |
| 1    | Trunk, Peripheral Sewer and Gravity Duct                     | 3,205.67         | 2,200.00         | 2,200.00         |          | 2,000.00 | 2,000.00         |          | 2,000.00         | 2,000.00         |          | 3,200.00         | 3,200.00         |
| 2    | Sewage Treatment Plants & Pumping Stations including R/Mains | 70.69            | 100.00           | 100.00           |          |          | 100.00           |          |                  | 100.00           |          | 100.00           | 100.00           |
| 3    | Residential Accommodation, Stores, Lab and Godown            | -                |                  | -                |          |          |                  |          |                  |                  |          |                  | -                |
| 4    | Renovation of existing plants & P.Stn.                       | 440.08           | 500.00           | 500.00           |          |          | 500.00           |          | 500.00           | 500.00           |          |                  | -                |
| 5    | Branch Sewer                                                 | 6,746.21         | 8,800.00         | 8,800.00         |          |          | 8,800.00         |          | 9,050.00         | 9,050.00         |          | 8,900.00         | 8,900.00         |
| 6    | Utilisation of Gas at various Plants                         | -                |                  | -                |          |          |                  |          |                  |                  |          |                  | -                |
| 7    | Environmental Greenery and Landscaping                       | -                |                  | -                |          |          |                  |          |                  |                  |          |                  | -                |
| 8    | Sewerage Quality Control                                     | -                |                  | -                |          |          |                  |          |                  |                  |          |                  | -                |
|      | <b>Total Sewerage and Sanitation</b>                         | <b>10,462.65</b> | <b>11,600.00</b> | <b>11,600.00</b> | <b>-</b> | <b>-</b> | <b>11,600.00</b> | <b>-</b> | <b>11,650.00</b> | <b>11,650.00</b> | <b>-</b> | <b>12,200.00</b> | <b>12,200.00</b> |
| B    | Common Wealth Games                                          | -                |                  | -                |          |          |                  |          |                  |                  |          |                  | -                |
| C    | I.T.Infrastructure                                           |                  |                  |                  |          |          |                  |          |                  |                  |          |                  |                  |
| 1    | I. T. Infrastructure                                         | -                |                  | -                |          |          |                  |          |                  |                  |          |                  | -                |
| 2    | Capacity Building                                            | -                |                  | -                |          |          |                  |          |                  |                  |          |                  | -                |
|      | <b>Total-I.T.Infrastructure</b>                              | <b>-</b>         | <b>-</b>         | <b>-</b>         | <b>-</b> | <b>-</b> | <b>-</b>         | <b>-</b> | <b>-</b>         | <b>-</b>         | <b>-</b> | <b>-</b>         | <b>-</b>         |
| D    | JNNURM                                                       |                  |                  |                  |          |          |                  |          |                  |                  |          |                  |                  |
| 1    | Interceptor of Sewers                                        | -                |                  | -                |          |          |                  |          |                  |                  |          |                  | -                |
| 2    | Rehabilitation of Trunk sewer                                | -                |                  | -                |          |          |                  |          |                  |                  |          |                  | -                |
| 3    | STP/SPS at Nilothi and Pappankalan                           | -                |                  | -                |          |          |                  |          |                  |                  |          |                  | -                |
|      | <b>Total-JNNURM</b>                                          | <b>-</b>         | <b>-</b>         | <b>-</b>         | <b>-</b> | <b>-</b> | <b>-</b>         | <b>-</b> | <b>-</b>         | <b>-</b>         | <b>-</b> | <b>-</b>         | <b>-</b>         |
| E    | Abatement of pollution of River Yamuna                       | -                |                  | -                |          |          |                  |          |                  |                  |          |                  | -                |

|   |                                                           |                  |                  |                  |                 |                  |                  |                 |                  |                  |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|---|-----------------------------------------------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| F | EAP Funding YAP-II                                        | -                | -                | -                | -               | -                | -                | -               | -                | -                | -               | -               | -               | -               | -               | -               | -               | -               | -               |                 |
| G | EAP Funding YAP-III                                       | -                | -                | -                | -               | -                | -                | -               | -                | -                | -               | -               | -               | -               | -               | -               | -               | -               | -               |                 |
| H | Sewage & drains schemes in Trans Yamuna Area              | 356.62           | -                | -                | -               | -                | -                | -               | -                | -                | -               | -               | -               | -               | -               | -               | -               | -               | -               |                 |
| I | Sewerage facilities in Urban Villages                     | 112.83           | 100.00           | 100.00           | 100.00          | 100.00           | 100.00           | 100.00          | 100.00           | 100.00           | 100.00          | 100.00          | 100.00          | 100.00          | 100.00          | 100.00          | 100.00          | 100.00          | 10.00           |                 |
| J | Sewerage facilities in Rural Villages                     | -                | 350.00           | 350.00           | 350.00          | 350.00           | 350.00           | 350.00          | 350.00           | 350.00           | 350.00          | 350.00          | 350.00          | 350.00          | 350.00          | 350.00          | 350.00          | 350.00          | 350.00          | 450.00          |
| K | Sewerage facilities in RSC                                | 329.97           | 300.00           | 300.00           | 300.00          | 300.00           | 300.00           | 300.00          | 300.00           | 300.00           | 300.00          | 300.00          | 300.00          | 300.00          | 300.00          | 300.00          | 300.00          | 300.00          | 300.00          | 190.00          |
| L | Sewerage facilities in Unauthorised colonies              | 279.40           | 1,000.00         | 1,000.00         | 1,000.00        | 1,000.00         | 1,000.00         | 1,000.00        | 1,000.00         | 1,000.00         | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        |
| N | NGT Component(Project yet to be decided)                  | -                | -                | -                | -               | -                | -                | -               | -                | -                | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
| O | Sewerage facility in Squatter Re-settlement colonies(New) | -                | 2,000.00         | 2,000.00         | 2,000.00        | 2,000.00         | 2,000.00         | 2,000.00        | 2,000.00         | 2,000.00         | 2,000.00        | 2,000.00        | 2,000.00        | 2,000.00        | 2,000.00        | 2,000.00        | 2,000.00        | 2,000.00        | 2,000.00        | 10.00           |
| P | Sewerage facility in Katras(new scheme)                   | -                | 1,000.00         | 1,000.00         | 1,000.00        | 1,000.00         | 1,000.00         | 1,000.00        | 1,000.00         | 1,000.00         | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        | 1,000.00        | 450.00          |
| Q | Yamuna Rejuvenation(new Head)                             | -                | -                | -                | -               | -                | -                | -               | -                | -                | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               |
|   | <b>TOTAL:-</b>                                            | <b>11,541.46</b> | <b>12,000.00</b> | <b>16,350.00</b> | <b>2,000.00</b> | <b>12,050.00</b> | <b>14,050.00</b> | <b>1,910.00</b> | <b>12,400.00</b> | <b>14,310.00</b> | <b>1,000.00</b> | <b>1,000.00</b> | <b>1,000.00</b> | <b>1,000.00</b> | <b>1,000.00</b> | <b>1,000.00</b> | <b>1,000.00</b> | <b>1,000.00</b> | <b>1,000.00</b> | <b>1,000.00</b> |