

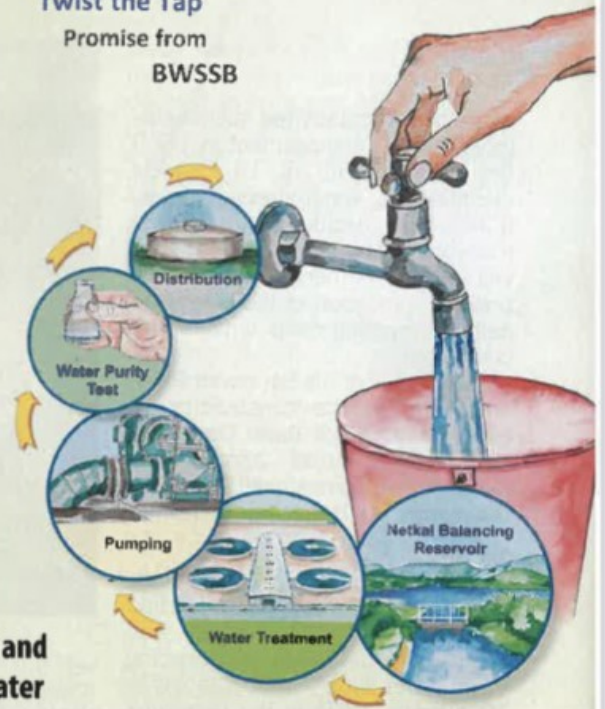


Bangalore Water Supply and Sewerage Board  
ಬೆಂಗಳೂರು ನಗರ ಸರಬರಾಜು ಮತ್ತು ಸೇವೆ ಸಂಸ್ಥೆ

# STEADY STRIDES IN WATER SUPPLY AND WASTE MANAGEMENT

**BWSSB has been working intently with multiple projects and schemes of the Government especially on the Cauvery water supply, Waste water treatment.**

Twist the Tap  
Promise from  
BWSSB



**Shri Basavaraj Bommai**, Chief Minister,  
Government of Karnataka.

### Cauvery Water Supply Scheme Stage-V

The Cauvery water supply scheme stage-V is taken up at an estimated cost of Rs. 5550 crores. The GOK has accorded administrative approval. An additional 775 MLD of water will be augmented after commissioning of this project. The works are under progress. Water Component project is expected to be completed by 2023 & Sewerage package in the year of 2024. About 40% of the project is complete

### Revival/Refurbishment of T.G Halli Water Supply Schemes-Phase-I

The GOK has allotted total of 2.5 TMC (1.7 TMC to Thippagondanahalli Reservoir & 0.8 TMC to Hesarghatta Reservoir). To make use of this water, GOK has given administrative approval to take up the work of Water Treatment Plant & Revival/Refurbishment of T.G Halli Water Supply Scheme Phase-I. state of art ozonization disinfection method is used in water treatment plant, over 78% of the work is accomplished.



**CWSS 5th stage 3 mtr. dia Transmission**



### WASTE WATER TREATMENT PROJECT WORKS

**AMRUT SCHEME WORKS:** Under Central and State Governments funded AMRUT Scheme, Board has taken up commissioning of 5 waste water treatment plants at Agaram tank, Sarakki tank, Hullimavu tank, Chikkabegur tank and KR Puram, one Intermediate waste water pumping station at Koramangala and 6 Nos of waste water pipelines at a cost of Rs. 673.73 crore. For this project Central Government has extended 33% grant. State Government has extended 20% grant. The Balance 47% of the project cost will be borne by Board. The works of the



**100 MLD capacity STP at HEBBALA**



**Shri N Jayaram**, IAS, BWSSB - Chairman

scheme will be completed by end of March 2022.

**Upgradation works of the waste water treatment plants:** As per the orders of the National Green Tribunal, it is required to take up the upgradation works of the

existing old waste water treatment plants. Initially it is proposed to take up upgradation works of the existing waste water treatment plants at K&C Valley in order to avoid the pollution caused to Bellandur and Varthur lakes. The consultants have been appointed and now the tenders have been invited for the upgradation works. A time period of two years is required for implementation of this work.



**Reuse of Treated Waste water**

■ Around 70.5 MLD of Tertiary treated water is being supplied from Devanahalli, Yelahanka, Cubbon park, Lalbag, Jakkur TTP of BWSSB to many industries, parks and Government offices.

■ About 370 MLD of secondary treated water is being supplied to minor irrigation for filling the lakes/tanks of Kolar District and about 100 MLD of secondary treated water is being supplied to Minor Irrigation for filling the lakes/tanks of Chikaballapur District.

Providing water supply and UGD facilities for 110 villages BWSSB has taken up a work of Providing UGD (Laterals) facilities to 110 villages coming under BBMP. Government of Karnataka has accorded approval for this project amounting to Rs.1000.00 Crore. The work is under progress and the project will be completed by the end of September 2022. The work has progressed to 87%.

**Janasnehi Initiatives.**

Board has developed a web based consumer friendly application- Jaladhare, through which the public can get the new water and sewage connection in a timely manner by applying through online. Centralized billing and collection system has been provided for public, so that public can pay the bills through online. Public can also get the data of water consumption and demand note details.

**BWSSB is providing 10000 ltrs of water for free to 1.03 lakh families living in slum areas and SC, ST colonies**

Water supply system	
Presently Supply from Cauvery Source	1450MLD
Present Population Served combined in 110 Villages	12.9Millions
House service connections (present)	10.44Lakhs
Total length of water supply pipelines	11,680kms
Range of Pipe diameters	100 to 1800 mm
Number of Ground Level Reservoirs	86 (1009 ML)
Number of Over Head Tanks	32 (30.91 ML)
Booster pumping stations	62 nos.
Water tanker lorries	68 nos
Quantity of water supplied/month	42,200 ML
Average per capita consumption	120 LPCD

Sewerage System	
Total length of sewer system	10,162kms
No. Of manholes	2.97lakhs
Sanitary house service connections	10.44lakhs
No. Of sewer Cleaning Machines(Combination of jetting and sucking ) For cleaning and maintaining of sewer system	175nos.
Total no. Of Desilting machines	40nos.
No. of STPs	35
Average Sewerage generation	1440MLD
Sewerage Treatment Capacity	1523.5 MLD

BWSSB has formed a team to detect meter bypassed water connection and the team has inspected the water connection of the consumers during supply hours and the meter bypassed connections are disconnected by noticing the difference in water demand based on the monthly water demand of the consumers. Till now 3543 bypass connection have been identified.

In a recent past BWSSB has inspected the various areas and found unauthorized water and sewerage connections and disconnected those unauthorized connections. Building owners who have taken the unauthorized connection are provided with an opportunity to submit the application through online to regularize their connection. Around 53865 unauthorized connections have been identified till date.

Direct phone in program with BWSSB chairman is being organized from 09:00 am to 10:30 am on every 1st Saturday to settle the grievances of the public related to water and sewage issues.

BWSSB is also organizing Jalasandana program in 16 various divisions of BWSSB on every 3rd Saturday. Due to covid pandemic the program has been changed to Phone in program in division level. This initiative helped the officers

to know the ground reality in the grievances pertaining to water and sewerage which in turn helps to solve the problems in effective manner.

**Automated KIOSK**

- 74 Nos of Automated Bill Payment KIOSKS
- Customer friendly system
- Online bill payment facility through BWSSB website, BBPS(Google pay, Phone Pay, Amazon pay), B-1centres.

Public can contact 24/7 call centre helpline number: 1916 to give complaints regarding water supply and sanitary issues and complaints can also be filed by sending message to whatsapp no: 8762228888.

**RAIN WATER HARVESTING**

- BWSSB has made mandatory to adopt Rain Water Harvesting from Aug- 2009.
- At present RWH has been implemented in 1,70,585 buildings in Bangalore city.
- By harvesting the rain we can save an average of 24,000 ML of water per year and 65ML of water for a day.

Visit Rain Water Harvesting Theme Park at Jayanagara for providing information about RWH and conservation of water Contact No:080-26653666

