**Ongoing works in HMWSSB…. As on 30-6-2017**

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| 1 | **HUDCO Projects…**  **1900 crores of 56 Heavy capacity Reservoirs** in the peripheral areas of 11 Municipalities -1800 KMs pipeline length - 40 lakhs people benefitting- 279 million liters of water capacity—1 lakh to 22.5 million liters (The biggest in Alwal) possibility to fill daily three times with a capacity to supply 750 million liters per day– 18 months ahead of completion period – 1700 crores by HUDCO and 200 cores State contribution – Minister KTR inaugurated 4 Reservoirs at KPHB, HUDA Miyapur, Nallgandla, Gopanpally on 21-4-2017 and another 5 reservoirs under Malkajigiri Municipal area on 16-6-2017 - 1 lakh new connections proposed |
| 2 | **Daily water supply**; The HMWSSB supplied daily water to 163 Basthis from January to May, 2017.benefitted 12.50 lakh people Awareness campaign was given in the Bastis though NGOs. The Awareness projected mainly Health hazards though NGOs by conducting number of Awareness campains conducted in Bastis. Depends upon the pressure, this scheme is continuing by focusing mainly daily water supply in all areas in future. |
| 3 | **World Bank assisted 338.54 crores of 9 reservoirs under Malkajigiri Municipality**  - Pipe line length 383 KM. Sainikpuri, Vajpayee Nagar I&II, Goutam Nagar, Tirumal Nagar,Moulali, Sainathpuram, Master Balancing Reseroiurs at Defense Colony and Goutam Nagar |
| 4 | **Twin Reservoirs**: New set of twin reservoirs for city planned--**Keshavapura and Devalamma Nagaram** are under land survey with a capacity of 20 TMC each. The estimated cost for Keshavapuram alone is 7,700 crores … |
| 5 | **JALAPP**- Anew app has been introduced with 9 benefits… Chlorination, Valve leakages, Pipeline leakages, Polluted water, Drainages overflowing, Manholes without cover, Water bill, Water meter, Illegal connection. These apps have been uploaded in Android phones and given to all Linemen’s for immediate action. All 9 numbers have been earmarked for each complaint and the number related is being pressed will be reached to the DGM, GM, CGM and other officers. |
| 6 | **Urban Mission Bhageeratha**  /**Rupee 1 for connection**  It is proposed to sanction 1.00 lakh new water connections in peripheral areas under HUDCO reservoirs per view. House to House Campaigning was taken up by urban SHG groups. BPL families being sanctioned connection for only 1 rupee, inclusive road cutting charges. The third party Audit survey was undertaken for transparency in giving connections. |
| 7 | **Water Supply to ORR villages**  It is proposed to supply water to 183 villages having within the ORR limits at a cost of 628 crores |
| 8 | **Red Notices**  Red Notices are being served to nonpayment holders for 6 months and above. 7,800 Red notices were served in the months of March and April and 1 crores outstanding amount was collected |
| 9 | **Cashless Transactions**: HMWSSB proposes for cashless transactions allocating to a single bank for collections responsibility… Discussions are in progress with ASCI – Expenditure comes to Rs. 110 crores per month whereas the collections are in between from 85 to 90 crores – |
| 10 | **Jala Bhagyam**—HMWSSB promoted for more number of Rain Water harvesting Structures, especially in the Non-residential areas having open place like Engineering colleges, and Institutions. The Board will pay 25% as reimbursement against the total cost of the structures. The Target is 5,000 premises.… Last year 2200 structures completed in common areas in the colonies under 100 days action plan by entrusted the responsibility for maintenance to the respective Residential Welfare Associations. . Eenadu Management organized a convergence meeting with GHMC, HMDA Commissioner and Mayor in HMWSSB office on 10-4-2017. Awareness rallies were also taken up by the NGOs on water conservation |
| 11 | **Quick Response Teams (QRT**)  Sri M.Dana Kishore, IAS, MD, HMWSSB has launched 12 numbers of QRT vehicles for immediate action to arrest water pipeline leakages; Road Restoration works and other emergency works related of restoration in the monsoon season. These vehicles equipped with staff available for all 24 hours - contact 155313 |
| 12 | **RFID Meters**—(Radio Frequency Identification Meters) The RFID meters are proposes to replace to get the actual reading of water consumption. The Unaccountable flow of Water (UFW) is 40% in Hyderabad city. . Iniitially, HMWSSB proposes to install RFID meters at Malkajigiri area having around 75,000 connections. RFID meters functions by on line  Working out to reduce for NRW |
| 13 | **Mini Air Tech Machines**—(Mini Jetting machines) – Minister KTR along with GHMC Mayor and senior Ministers released 70 Mini Air Jetting Machines on 5-6-2017 at the Necklace Road. These machines will work for drainage blocks cleaning in low lying areas and in very small Gallis. |
| 14 | **High- Tech Board**-- Jalamandali using Social Media viz.. Whatsapp-99499 30003== Facebook fb/HMWSSB—Customer Care 155313-=- Dial Your MD 040 23442881/82/83---Mobile App HMWSSB Citizen Services == Website- hyderabadwater.gov.in===Jal App—Smartphone’s have been given to all linemen with JALAPP facility for immediate action – G-MITRA is a feedback receiving team. and Twitter  24 hours Help centre is functioning in HMWSSB  Complain online- Polluted water supply, No Chlorine in Water, Valve or pipe leakages,Low water pressure, Delay in water supply, Non receipt of bill, Request for meter, Illegal water connections --- Click, send pic to water board - |
| 15 | **GPR system**: JNTU roped in for GPR (Ground Penetration Radar) testing the soil conditions- study to be confined to 600 MM dai pipelines which were laid decades ago length of 120 KMs – GPR is a geophysical methods, which uses radar signals to image the subsurface of a road or any other surface. High frequency electromagnetic waves are transmitted into the ground to detect empty cavities. All Pipelines are proposes to be geo tagged for effective water supply Ultra-sound system introduces for water leakages |
| 16 | **SAFETY EQUIPMENT FOR SEWERAGE WORKERS**: Safety equipment was supplied to all the sewer employees working in the board |
| 17 | **Safety Measurs for Technical Staff:** The HMWSSB has provided the safety cooling Glasses, and Caps to the Technical staff to monitor the ongoing project works during summer |
| 18 | **Meet your MD** and **Dial your MD on every 3rd Saturday** is a great response from the public |
| 19 | **Paksham Rojulu…Pipelinla Panulu:** A campaign was taken up from 5-6-2017 to the filed officials of HMWSSB to complete the Road digging works before monsoon. |
| 20 | **Treated Water** board calls for re use of treated waste water. Rajbhavan gardens to get STP treated water. 5000 liters of Treated water of sewerage is selling for Rs. 125 by HMWSSB |
| 21 | **SOP Work shop** : A 4 day workshop to all the sewerage workers (Around 600 men) held in the HMWSSB conference hall from 5th to 8th June, 2017 on the Standard Operative Procedures (SOPs) prepared by ASCI in 6 categories viz., quality of water supply, non –pollution in water supply, good sewerage management, complaints Redressal services, etc., Precautionary and Sewer safety was addressed |
| 22 | **Eliminating Manual Scavenging**: HMWSSB planned for a massive Awareness campaign against Manual scavenging at the Gras root level through Safai Karmachari Andolan (SKA). Discussion had with Sri Bezwada Wilson, Raman Megsaysay Awarded on 12-1-2017 and 4-7-2017 - Action plan was prepared to stop people entering manholes |
| 24 | **Emergency Pumping arrangements made**.. because of late monsoon, the HMWSSB arranged the emergency pumping from Krishna by spending 6 crores for Machines of 600 HP capacity motors and other sub miscible pumps- Even If the water level goes down to 502 ft and below, the drinking water can be supplied to though Emergency pumps . The total Maximum level of Nagarjuna sagar is 590 ft. |
| 25 | **CIPP**: Cured In place Pipe (CIPP): Jalamandali replaced old pipelines using with latest technology between NTR Garden and Telugu talli flyover (1.5 KM) at a cost of 21 crores . This technology name is CIPP |
| 26 | **AVTS for Water Tankers** – (Automotive Vehicle Tracking System) The Water Tankers have been attached with AVTS system to avoid Mis- appropriation in supplying of water tankers. |
| 27 | **ISO certificate**: Jalamandali has been awarded the ISO certificate for supplying of quality water to the citizens. The water is being tested at Quality Analysis Test Labs. |
| 28 | **ORR villages survey with Engineering College Students:** Yuva Varadhi, an NGO along with 60 Engineering college students are working on behalf of HMWSSB approaching the 190 villages within ORR limits to collect various aspects of a village water scenario like Present Reservoir status, Pipeline status, availability of land for ELSR/OHBRa, Pump House details, Improvement of water supply proposals, Present water supply status to individual/houses |
|  | **SNIPPETS** |
| 1 | **Solar Energy Panels**: HMWSSB Proposes to set up Solar Energy panels for power generation at the Reservoirs for lifting the water from place to place to enable to reduce the power charges amounting to 60 to 65 crores per month. These Solar panels are planned to be introduced at the WTPs to minimize the Electricity charges |
| 2 | **Kiosks** are Proposes to set up at all the main junctions to pay the water bills. HDFC come forward to set up the Kiosks as if in Bangalore |
| 3 | **Water Board gets richer**---- Records revenue Rs. 1.278.29 crores in 2016-17 comparative Rs. 756.33 croes in 2012-13 and 2013-14 is rs. 858.09 croes |
| 4 | **Water Board budget:** Against theestimated amount of Rs. 5495 crores, the Budget has been sanctioned only Rs. 1,420.50 croes for the year 2016-17 .Though the sanctioned budget is only 25%, the HMWSSB is working implementing all schemes and programmes by providing safe drinking water to the citizens of twin cities. |
| 5 | **One APP** designed to introduce to inform the households about the water Tap timings. This App will have the consumer’s mobile numbers and valve numbers. While opening the valve, the timing of information will be reached to all households of that particular area though GPS. |
| 6 | **Two Rivers—One City**—Krishna 138 KMs away and Godavari 196 KMs away- - 270 MGD water from Krishna and 135 MGD from Godavari drawing everyday by pumping (Lifting) at various levels : Hyderabad city radious 668 Sq. Kms… 60% people drinking Krishna and 40% people drinking Godavari water … Total pipeline length 9500 Kms of these two rivers |
| 7 | **Demonetization:** Due to demonetization, the HMWSSB got the record collection of pending amounts. In a single day, 15 crorees collection has been received. |
| 8 | It is proposed to entrust the Water meter collection Amount worth around 100 crores to the Private Agencies. The existing system is people are paying by using different methods like e-seva. Mee seva, RGS , NEFT (National Electronic Fund Transfer) and all they are not remitting this amount in HMWSSB on time, so as losing interest on the bulk amounts |

NEW INITIATIVES IN HMWSSB

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| 1 | Jal App One App with 9 benefits introduced by HMWSSB … Chlorination, Valve leakages, Pipeline leakages, Polluted water, Drainages overflowing, Manholes without cover, Water bill, Water meter, Illegal connection etc., . This app has been uploaded in Android phones and given to all Linemen’s for immediate action. All 9 numbers have been earmarked for each complaint and the number related is being pressed will be reached to the DGM, GM, CGM and other officers |
| 2 | Green Brigade; A team of trained manpower called “Green Brigade” introduced in the Single window cell to attend and to physically given the water supply/sewerage connections under their supervision |
| 3 | AVTS for Water Tankers – (Automotive Vehicle Tracking System) Jalamandalil having 900 water tankers with a capacity of 5000 liters each vehicle and charging Rs. 400 for domestic and Rs. 700 for commercial - Total 70 filling stations - 200 tankers free trips to slum areas--- AVTS system installed to every vehicle indicates the vehicle movements |
| 4 | Red Notices: Red Notices were served to nonpayment holders for 6 months and above. People started paying their due amounts to Jalamandali. - 7,800 Red notices were served and 1 crores collected .. It is a major success in the department. |
| 5 | Daily Water Supply: Daily water supply was given for 1 hour in 167 identified low lying Basthis in the month of March, April, and May. To create awareness over the importance of saving water and avoiding wastage, the Board took the help of 5 NGOs for proper usage of water. HMWSSB Brought out short films by armatures’ from eminent film schools on water importance. |
| 6 | Urban Mission Bhageeratha:  One Rupee for new Nalla connection for BPL families  1 lakh new connections planned by HMWSSB. House to House Campaigning was promoted by by urban SHG groups…. The road cutting charges is being borne by HMWSSB |
| 7 | Jala Bhagyam—The expected rainfall in Hyderabad city is 830 MM, but only 6 to 8% of water is going into earth and rest of the water is going waste, If total rainfall in city goes into the land, 15 TMC of water would be saved as per HMDA records.  HMWSSB promoting to save water through Harvesting structures - Target 20,000 Harvesting pits… Last year 5,000 pits were attended … 25% Re- imbursement is being paid by HMWSSB to the non residential areas. ..Took the help of 4 NGOs for Harvesting promotion in Non-Residential areas. A convergence meeting was held in HMWSSB office where in GHMC, HMDA Commissioner and Mayor staff participated on 10-4-2017. Jalabhagyam LOGO released by MD on 21-4-2017 |
| 8 | RFID Meters: —(Radio Frequency Identification) proposes to install for actual accountability of water. The Unaccountable flow of Water (UFW) is 40% in Hyderabad city. 40 % of water has becomes Non-revenue water (NRW) - Everyday 360 Million Gallons of water is being supplied to the citizens and out of 40% revenue is not coming. Reasons are …Most of the houses does not have water taps, Tampering of meters, No supervision on meters etc., Initially, HMWSSB proposes to install RFID meters at Malkajigiri area having around 75,000 connections. RFID meters functions by on line |
| 9 | GPR System : (Ground Penetration/positioning Radar) JNTU roped in for testing the soil conditions- study to be confined to 600 MM dai pipelines which were laid decades ago length of 120 KMs – GPR is a geophysical methods, which uses radar signals to image the subsurface of a road or any other surface. High frequency electromagnetic waves are transmitted into the ground to detect empty cavities. Pipelines to be geo tagged for effective water supply Pipe line leaks and alignments could be identified through GPR/GPS |
| 10 | High- Tech Social Media: Jalamandali using Social Media viz.. Whatsapp-99499 30003- Facebook fb/HMWSSB—Customer Care 155313-=- Dial Your MD 040 23442881/82/83---Mobile App HMWSSB Citizen Services == Website- hyderabadwater.gov.in===Jal App—Smartphone’s have been given to all linemen with JALAPP facility for immediate action –  G-MITRA is a feedback receiving team. and Twitter |
| 11 | Re use of treated waste water: Water board calls for re-use of treated waste water - Rajbhavan gardens to get STP treated water- Rs. 125/- charging for 5000 liters which can be used for gardening, plants etc. |
| 12 | Quick Response Teams (QRTs) Launching of QRT vehicles by MD on 1-6-2017 for Road restoration and drainage clearance works in the monsoon season. These vehicles equipped with staff and necessary equipment |
| 13 | Mini Air Tech Machines—(Mini Jetting machines) - without persons these machines will work- for drainage blocks cleaning in low lying areas… small Gallis..For the first time in India, these machines have been introduced in Hyderabad. Minister KTR along with other ministers launched 30 machines on 5-6-2017 out of 70 hired from Pune.– person need not to enter in to a man hole – 500 metres of sewerage will be cleaned by every machine in every shift. Rs. 11.70 paise will be paid for running meter (RMT) Rs. 3.50 crores is proposes to spent on these machines – These machines will be equipped with Hydraulic grabbers and men. 170 Hotspots were identified for time to time actions. The log books shall be maintained stating the vehicle the movements. |
| 14 | SOPs (Standard Operating Procedures) Jalamandali entrusted ASCI for the preparation of SOPs for the best services to the citizens which covers mainly … Quality water, non-pollution of water, Improvement in Water supply - Complaint Redressal – Sewerage maintenance and Revenue improvement |
| 15 | Awareness campaign against Manual scavenging; : HMWSSB took the support of Bezwada Wilson, President, National Commission for Safai Karmachari Andolan for a large scale Awareness campaign to eliminate human labour in cleaning manhole and sewer lines  HMWSSB provided safety equipment to all the persons who works for sewerage cleaning. A 4 day orientation was also given to all the sewerage workers on SOPs from 5th to 8th June, 2017.  Free Medical Camp was also organized to all the employees for medical check ups |
| 16 | Solar Energy: HMWSSB Proposes to set up Solar Energy panels for power generation at the Reservoirs (WTPs) for lifting the water and also to reduce the power charges spending around to 60 to 65 crores per month. |
| 17 | HUDCO Projects… 1900 crores of 56 Heavy capacity Reservoirs in the peripheral areas under 11 Municipalities -1800 KMs length of pipeline- 40 lakhs people benefitting- 279 million liters of water capacity—Daily three times can be filled with a capacity to supply 750 million liters per day– 1 lakh to 22.5 million liters capacity reservoirs (The biggest in Alwal) 18 months ahead of completion period – 1700 HUDCO and 200 cores State contribution – 4 reservoirs inaugurated on 19-5-2017 |
| 18 | World Bank assisted 9 reservoirs in Malkajigiri area worth of 339 crores |
| 19 | New set of twin reservoirs for city planned—Keshavapuram and Devalamma Nagaram Reservoirs under land survey for 20 TMC s each - cost 7,700 crores for Keshavapuram alone … Land survey is going on |
| 20 | Proposed for Water supply to 190 villages under 10 Municipalities within the ORR limits at a cost of 628 crores through Ring main |
| 21 | ISO certification: An ISO certification was awarded to Jalamandali against supply of quality water. The water is being tested at QATs |
| 22 | Planning to reduce the water tankers by way of providing tap connection to every house. 1600 daily trips of water tankers expenditure could be cut down |
| 23 | Radio Frequency Meters proposes to install to reduce 40% UFW |
| 24 | Chlorination: Keeping in view of Mansoon season, the HMWSSB supplying qualitative and purified drinking water by checking chlorination values. 217 chlorination points were set up in different areas apart from supplying 1000 chlorine tablets in every Basti. O&M staff inspecting the water samples every day in about 2500 basthis. The polluted water leads to Diarrhea, cholera and vomiting. E-koli, Koliform bacteria forms into the stagnated water. |
| 25 | SCADA (Supervisory Control And Data Acquisition) will be adopted for monitoring all the Reservoirs system |
|  | Many water tankers were supplied during summer season. Jalamandalil having 900 water tankers having a capacity of 5000 liters and for domesting, Rs. 400 and for commercial 700 to pay. Total 70 filling stations – In addition 200 tankers free trips to slum areas--- AVTS system installed to every vehicle indicates the vehicle movements |
|  | Jalamandali investing heavy amount on water supply to the citizens. Rs. 45 to 50 for every 1000 letres whereas, the HMWSSB giving rs. 7/- to the BPL and Rs.10/- for others |
|  | Regarding sewerage— we have 612 KMs pipe lines of 600 MM dia , Sub mains length 4,050 KMs , sewerage man holes 2.65 lakhs and 1400 MLD’s production of sewerage every day and 750 MLD only is purifying- 150 kms pipeline length is damaged. |
|  | A person need 150 liters of water per day for his necessities, where as it is 90 to 120 liters only the HMWSSB is providing . |
|  | On an Average, around 9500 complaints we are receiving per month on drainage over flow- hence 220 Hotsports were identified – HMWSSB promoting silt chambers to arrest and prevent such problems |
|  | 500 meters of sewerage has to be cleaned by every machine in every shift. Rs. 11.70 paise will be paid for running meter (RMT)– These machines will be equipped with Hydraulic grabbers and men. |

The ongoing works & photographs sharing

* Water supply by HMWSSB staff at Golkonda Bonalu
* Attending sewage chowkage works
* Attending water line leakages
* Inspection of pollutions works
* Working of Mini Air tech machines
* Laying of 200/300 MM dia pipelines
* Attending sewerage overflow
* Construction of silt chambers at Imperial Hotel, Chikkadpally 29-6-17
* Survey of 225 mm Dia swg pipeline with GPR technology, Maredpally section 29-6-17
* Attending twitter complaints
* Inspection of water supplies by GM
* Inspection of sewer manholes
* Inspection of tanker filling stations
* Mini Air tech machines logbooks
* Jalabhagyam – measurements to the Harvesting pits (715 placed- 294 pits) Photo on 2-7-17

MDs appreciation & NGOs response… with good photos

* Awareness campaign on RWH
* QRT teams working
* Road Restoration works
* Labor working at Reservoir sites
* Meeting with MPs and MLAs
* G Mitras visiting to residential localities
* Attending chlorination works
* Water sachets distribution to nearly 3 lakh devotees by HMWSSB (Photos 2-7-17)
* Attending chlorination works
* Prajavani
* Dial your MD
* Meet your MD