



NEWSLETTER

Quarterly Journal Volume: 4 Edition: 04, Oct 2021 to Dec 2021



ADDRESS

 **PWON Secretariat**, Punjab Aab-e-Pak
Authority, 4th Floor, EFU House, 6-D Main
Gulberg, Jail Road, Lahore, Pakistan
Call: +92 42 3586893-94-95-96

CONTACT

 +92 335 5971500
 nc.pwon.pk@gmail.com
 www.pwon.pk



With the support of UNICEF 19th Steering Committee Meeting held at WSSC-Abbottabad. Member utilities across Pakistan participated. by Chairman Syed Zahid Aziz and Chief Executive Officer WSSC Abbottabad Amir Zakee welcomed the participants.

Tayyab Malik Deputy Director P&D presented the overview of WASA Lahore water supply infrastructure and conceptual design of district water metering area in Lahore. During the presentation it was explained the procurement, installation, operation and maintenance of water meters in Lahore on Public Private Partnership mode.



From Water Sanitation Services, Chief Executive Officer Dr. Hassan Nisar, presented the Key Performance Indicators (KPIs) and water quality at Peshawar.

Dr. Imran Durrani from WASA Quetta gave presentation on existing water situation in Baluchistan and construction of Sewage Treatment Plant at Samungli. Immediately solution to water issues was also informed during the comprehensive presentation.

WASH Expert Mr. Masroor, presented water and waste water treatment plants operation maintenance, options in Pakistan and way forward for Water and Sanitation Services Companies. In addition, he described the KP cities improvement projects in detail.

Muhammad Sameh Ismail from Grundfos joined the meeting virtually and elaborate the concept of demand driven distribution and suggested solution for reduce leakage and lower energy cost in water networks.

From UNICEF, Mr. Sajjad participated in the meeting and explained the WASH services in water sector and priority areas for future considerations. Moreover, WASH principle and the opportunities for collaboration of W&S was informed.

At end of meeting, member utilities gare recommendations regarding Technical Knowledge sharing amongst utilities and bring Human Resources from within utilities to WSSCs (on job training) who could train the staff to run the WTPs and WWTPs.

● Visit to Water Treatment Plant at Abbottabad

Chairman PWON & MD WASA Lahore Syed Zahid Aziz visited Abbottabad WTP located at "Chooni Place". Said is the "rapid sand filtration plant" with 4.56 MGD Capacity. WTP is installed

and funded by JICA in 2015. WTP currently operated by WSSC Abbottabad.



WATER AND SANITATION SERVICES-PESHAWAR



● Global Handwashing Day

Water and Sanitation Services Peshawar (WSSP) observed Global Handwashing Day by organizing an art competition at the Art and Design Department of University of Peshawar to promote importance of clean hands and hygiene.

The day is marked on October 15, every year to promote awareness regarding the importance of handwashing with soap to prevent diseases. WSSP organised the event under the UNICEF-funded Community Empowerment Project and in collaboration with the Art and Design Department.

Students of the department designed different kinds of paintings depicting importance of handwashing and hygiene. Chairperson of the department Farida Rasheed and event coordinator Afsheen Zaman performed as judges of the event.

Announcing the results, the judges declared Anam, Muhammad Abbas and Mah Rukh as the first, second and third winner of the competition for designing the best paintings.

Chief Executive Officer Dr Hassan Nasir, General Manager (Ops) Riaz Ahmad Khan and member Boards of Directors WSSP Khurshid Khan were also present on the occasion. Dr Nasir and Chairperson Farida Rashid distributed certificates among the winners.

Later, addressing the students, Dr Nasir stressed on cleaning hands and called

it a fundamental component of health and safety. He also calls it the first line of defense against diseases.

He urged the students to make it a habit to wash their hands regularly before eating and cooking, after using the bathroom, after cleaning around the house touching animals and family pets, taking care of any sick friends.



● Targets evaluation under Community Empowerment and Capacity Building Project

Water and Sanitation Services Peshawar (WSSP) conducted an evaluation workshop to assess successes of unicef funded Community Empowerment and Capacity Building Project in 10 union councils of the city. All departments that are

involved in the project have participated in workshop titled, "Lesson Learned." Chief Executive Officer Dr Hassan Nasir, General Manager (Ops) Riaz Ahmad Khan and General Manager Projects Dr Muhammad Mehboob Alam, Zonal Manager Turab Shah and management staff attended the workshop. Presentations were given to unicef-officials, who also attended the workshop, regarding the successes and failures in the ongoing project.

The participants expressed their satisfaction that almost all of targets have been achieved while those remaining are in final phase. During presentations, community field officers said that they have formed volunteers' committees, comprising ulema and elders of different localities. They also constituted teacher-students WASH clusters, WASH clubs in schools while installed 100 hand washing stations at as many schools to promote hand washing among the students. Later, awards were distributed among the participants. The company also conducted art and quiz competitions among the students, whereas set up model streets to motivate masses to keep environment clean.



WATER AND SANITATION SERVICES COMPANY-MARDAN

• Water quality testing and improvement in the quality of water

Every year water quality of WSSCM tube wells, network and at consumer end are checked in order to identify the areas of improvement. As per water quality plan for the year 2021-22, water quality testing in urban Mardan has been started through PCRWR. In total 300 samples will be collected from source, network, and consumer level. Samples will also be collected from domestic bores. In the first phase water samples are being collected from all the 26 functional tube wells, for physical, chemical, biological and heavy metals. Once analysis is completed results will be shared accordingly



• Flood and hot spot management

During heavy rain large amount of solid waste enters into sewerage lines which causes blockages and ultimately causing flooding. In Mardan center, main Shaheedan bazar is one of the urban

flooding hotspots. To overcome this challenge WSSCM has installed vertical gratings which prevents garbage in sewerage system, hence, averting flood in main bazar. Vertical gratings have been installed at several locations and has proven an effective way of preventing sewerage line blockages.

• Civil works completed in 2021 and plan for 2022

WSSCM project wing has completed only one civil works related project cost Rs. 150 million in year 2021 while same one project is ongoing in current year 2022 with cost Rs.32.14 million. Apart from this, civil works in WSSCM tube wells having cost Rs. 3.69 million has been planned by project wing in year 2022.

• Social well-being of the employees

In collaboration with Pakistan Red Crescent Society, Mardan Youth Parliament and WSSCM arranged hygiene kits distribution ceremony, where 250 hygiene kits distributed among staff to ensure the health and safety of staff.

The ceremony was presided by Chief Executive Officer Engr. Amir Khan, the representatives of Pakistan Red Crescent and President Mardan youth Parliament. CEO WSSCM emphasized to ensure use of Personal protective equipment's and hygiene kits tools to avoid communicable diseases. He added that WSSCM is committed to provide better services to the citizens of Mardan however, health and safety of the staff is vital.

• Knowledge Management

» Interaction with other WSSCs

Similarly, a delegate of Lassona NGO and WSSC Swat paid a visit to WSSCM to get exposure of the WSSCM system, its infrastructure, and the Integrated Resource Recovery Center.

» Capacity building of other organizations

16 members delegate of TMOs from Hazara Region led by KfW officials visited WSSCM, for their two days training visit. They are apprised on the institutional reforms that led to the transformation of water and sanitation services sector in Mardan. Delegate was also taken for a field tour to get insights of WSSCM operations and IRRC.

For community sensitization and knowledge sharing WSSCM briefed the students and faculty members of Bacha Khan college of Nursing Mardan in Nov 2021. On a day tour to WSSCM, students were apprised on the water and sanitation operation, institutional arrangements, and the challenges being faced by the company.

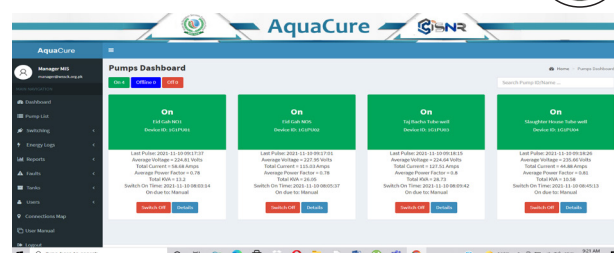


WATER AND SANITATION SERVICES COMPANY-KOHAT



● SCADA System

WSSC Kohat has installed SCADA system in 4 tube wells and 2 Surface Reservoirs as a pilot project with collaboration of University of Engineering & Technology, Peshawar. The status of the tube wells can be monitored from anywhere using the SCADA dashboard. Different parameters of Tubewells can also be monitored including current voltage, power consumption and motor on off status etc.



Chlorination of Overhead and Surface Water Storage Tanks

WSSC Kohat's water supply staff carries out chlorination of the overhead and surface water storage tanks 4 times in a year. In the last month WSSCK water supply staff chlorinated 8 overhead and surface water storage tanks under the supervision of Assistant Manager Water Supply Mr. Jahanzeb Khan.

● Water Quality Tests

In order to provide clean safe drinking water to the masses of Kohat, WSSCK carries out water quality tests on quarterly basis. In last month, WSSCK with the help and support of Public Health Division collected 593 water samples from different households, tubes wells and water storage tanks in different urbans of Kohat. The results are still waited.



● Community Awareness Sessions regarding WASH

WSSCK social mobilizers carried out awareness sessions for females in Ghari Behram Khan and for males in College Town Kohat regarding WASH. Social mobilizers briefed the public about the importance of environment, personal hygiene, water conservancy and water borne diseases.



WATER AND SANITATION SERVICES COMPANY-SWAT



► Early Response During Flash Flood.

On the night of Oct 02, 2021 heavy down pour caused flash floods in various areas of Mingora, specifically Rahim Abad and Qambar resulting in filling of streets, roads and drains with debris and waste.

WSSC Swat's sanitation staff acted promptly and started removal of debris from main road near Qambar City Centre. The operation was continued till late in night.

The removal of debris from drains, streets and roads were continued for the next few days in the affected areas of Mingora and adjacent areas.

● Increase in Paying Customers and Recovery

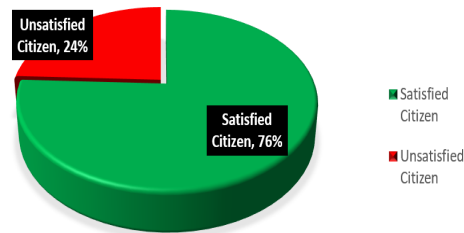
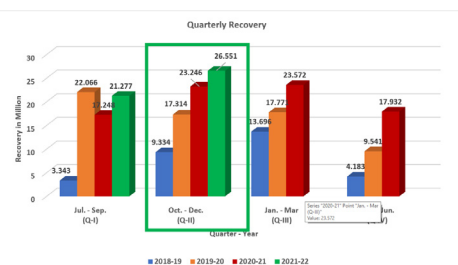
WSSC Swat has increased its paying customers by 12%. Average paying customers during the current year has been recorded as 17,536 while the same figure during previous year remained to be 15,665.

Year	Jul. - Sep.	Oct. - Dec.	Jan. - Mar	Apr. - Jun.	Total
	(Q-I)	(Q-II)	(Q-III)	(Q-IV)	Recovery
2018-19	3.343	9.334	13.696	4.183	30.556
2019-20	22.066	17.314	17.771	9.541	66.692
2020-21	17.248	23.246	23.572	17.932	81.998
2021-22	21.277	26.551	NA	NA	47.828

● WSSC Swat on Pakistan Citizen Portal

WSSC Swat has increased its paying customers by 12%. Average paying customers during the current year has been recorded as 17,536 while the same figure during previous year remained to be 15,665.

WATER AND SANITATION SERVICES COMPANY-SWAT



Addition of these Tube wells will not only serve the water scarce/ unserved areas, but will also help in reduction of diseases related to poor self-hygiene. People of the corresponding areas appreciated WSSC, Swat efforts in providing sufficient water to them as per their demand with sufficient pressure.

• Increase in Water Quantity / Tube Wells.

From the first day of its establishment, WSSC Swat always focused on the water scarce and unserved areas to be served with sufficient amount of water and pressure. In this regard WSSC Swat increased the water quantity by adding eleven more Tube Wells to the existing system.

a	WSS Faizabad No. 4	(USAID funded Taken Over from MSP, KP)
b	WSS Saidu Sharif No.5	(USAID funded Taken Over from MSP, KP)
c	WSS Gul Kada No.5	(USAID funded Taken Over from MSP, KP)
d	WSS Gul Kada No.6	(USAID funded Taken Over from MSP, KP)
e	WSS Tahirabad No.2	(USAID funded Taken Over from MSP, KP)
f	WSS Bangladesh	(Taken over from PHED, Swat)
g	WSS Kana Baba No.8	(for Malookabad) (Taken over from PHED, Swat)
h	WSS Yakh Kohai	(Constructed by WSSC, Swat)
i	WSS Landikass	(Under construction)
j	WSS Barama No.2	(Under Construction)
k	WSS Khwajabad / Shahab Naggar.	(Under Construction)



WATER AND SANITATION SERVICES COMPANY-BANNU



• Success Story (Green Model Street)

This success story is about Mohalla Gopa Khel not a single green leaf was present on this road, the district administration in cooperation with WSSC Bannu decided to make this street a model street, for this purpose we have started an initiative and prepared a local committee for the care after.

Deputy Commissioner Bannu along with Chief Executive Officer WSSC Bannu decided to set this street as an example for the whole Bannu named as "Green Model Street" so that it become an example for the whole Bannu streets. Our aim was to involve community in this particular task, for that we make several meetings with the community to motivate them for the vision of Prime Minister Imran Khan's vision of "Green Pakistan" and we got a positive response from the community.

As it was decided to set an exemplary model for the whole Bannu, WSSC Bannu decided to provide beautiful plants and also construct planters to make beautiful astatic for "Green Model Street".

In this project, WSSC Bannu constructed 50 planters (in the dimension of 6x2 feet) and more than 130 single brick planters (in the dimension of 2x2 feet).

This "Green Model Street" became a bench mark for the whole KP Province, as Chief Minister KPK appreciated and directed all other KPK districts to follow this model.

A mature tree can absorb up to 150 kg of CO₂ per year. As a result, trees play an important role in climate change mitigation. Especially in cities with high levels of pollution, trees can improve air quality, making cities healthier places to live in.

Strategic placement of trees in cities can help to cool the air between 2 and 8 degrees Celsius, thus reducing the urban "heat island" effect, and helping urban communities to adapt to the effects of climate change.

Large trees are excellent filters for urban pollutants and fine



particulates. They absorb pollutant gases (such as carbon monoxide, nitrogen oxides, and ozone and sulfur oxides) and filter fine particulates such as dust, dirt or smoke out of the air by trapping them on leaves and bark.

Trees also help to reduce carbon emissions by helping to conserve energy. For example, the correct placement of trees around buildings can reduce the need for air conditioning by 30 percent, and reduce winter heating bills by 20-50 percent.

WATER & SANITATION AGENCY LAHORE



• JICA Consultants Visited WASA Head Office

A delegation of Japan International Cooperation Agency (JICA) consultant visited WASA



Head Office, held a meeting under the chairmanship of MD WASA Syed Zahid Aziz, JICA will provide support to WASA Training Center, experienced JICA experts will train WASA trainers. The trainings will be conducted in collaboration with Japan Techno and Yokohama Water. Dr. Sato, Chief Engineer, DMD (O&M) Ghufraan Ahmad, WASA; Riaz Ghauri, Director Training; P&D Abu Bakar Imran participated.

• Commercial Counsellor from Hungarian Embassy Visited WASA Head Office

Dr. Astwan Grafjudi, Commercial Counselor from Hungarian Government, Meeting attended by MD WASA Lahore Syed Zahid Aziz, Briefing on WASA mega projects, to Provide technical and financial support by Hungarian companies to WASA Lahore. A review of the 1 7.1 million partnership program recently approved by the European Union, the partnership program was approved at the request of WASA Lahore and Mardan with the support of Pakistan Water Operators Network. Also offered to provide EU financial support, review of WOP between EU funded project Budapest Water Works, WASA Lahore and WSSC Mardan and expressed satisfaction.

• Meeting with Director of Power China

Meeting of Chinese delegation with WASA MD Syed Zahid Aziz was held Liu Zhong, Director of Power China is an international company of China. Discussed on major bilateral projects. They were invited to participate, tender for the first phase of Blue Drop project which will be executed with Japanese grant. The first phase consisting of three zones will benefit 1.5 million people. Power China expressed interest in mega water projects designed Master Plan 2040 of WASA Lahore.



• Delegation of Nordic International Water arrived at WASA Head Office

A delegation of Nordic International Water arrived at WASA Head Office, convenes a meeting chaired by MD WASA Syed Zahid Aziz, crossed another milestone of WASA Lahore. WASA Lahore will lay pipes for the first time in Pakistan with trenchless technology. Pipelines will be laid with trenchless technology without damaging the roads. This project of Rs. 1.6 billion will be started in UC 99, 100, 101. After installing meters, consumers will be able to get water 24 hours a day.



• German Delegation Visited to WASA Head Office



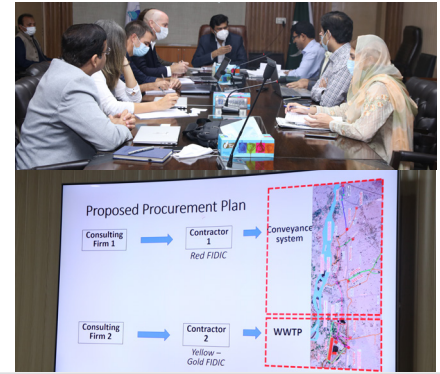
A delegation of German company Tractable and National Development Consulting Firm arrived at WASA Head Office, meeting was held under the chairmanship of WASA Syed Zahid Aziz, International and National Firm expressed interest in WASA's Surface Water Treatment Plant, Company Representative John Bol's Tractable Projects Briefing MD WASA regarding the invitation of MD WASA's tractable firm to join WASA Hiring Process. The Surface Water Treatment Plant will benefit 1.4 million people. The Surface Water Treatment Plant will reduce the pressure on the ground water level.



WATER & SANITATION AGENCY LAHORE

• French Development Agency(AFD) Visited to WASA Head Office

A delegation of French Development Agency (AFD) arrived WASA Head Office. A meeting was held under the chairmanship of MD WASA Syed Zahid Aziz. AFD will provide funding for the Babu Sabu Wastewater Treatment Plant as the project progresses, with PC-I for the project preparation by end of current year. The delegation of French Agency (AFD) also visited the land allotted for Babu Sabu Water Treatment Plant. The delegation of French Agency included Martin, David, Ehsan Paracha, Amir Munir from Nespak, Ali Hamid, Director Planning from WASA Lahore. Zeeshan Bilal, Director Abu Bakar Imran, Hisham Waseer and Deputy Director Samina Asif



• MD WASA Lahore Participation in International Conference in Budapest

MD WASA Syed Zahid Aziz attended the International Conference in Budapest Hungary. He also met with Kezler Ferns, CEO of Budapest Waterworks, and discussed the partnership program between Wasalahor Wasa Mardan and Budapest Waterworks. It may be recalled that WASA Lahore and WASA Mardan had joined the program after a competition under the EU's Global Water Partnership program. CEO Budapest expressed interest in WASA Lahore projects. The possibility of 50 million Euro interest free loan to Pakistan by the Hungarian government was discussed. This loan will be used for water projects. WASA presented a booklet on the history of Lahore and other projects. International



Business Development Director Benzi Thomas and Ms. Rita from Budapest and other team members were also present on the occasion.

• Visit to Pakistan Embassy in Hungary

MD Wasa Syed Zahid Aziz Visited Pakistani Embassy In Hungary. MD WASA Syed Zahid Aziz Met Pakistani Ambassador to Hungary Muhammad Ijaz, visiting guests offered Luncheon in honor of mutual interest discussion on the issues of WASA, Hungarian Government's offer of 50 million Euros for WASA Lahore projects took place. Pakistani Ambassador



assured cooperation in WASA Lahore Projects to WASA MD Syed Zahid Aziz Presented a booklet on the history and projects of WASA Lahore to the Pakistani Ambassador.



• Visit CEO Punjab Public Private Partnership Authority

MD WASA Syed Zahid Aziz and CEO Punjab Public Private Partnership Authority

Amjad Ali Awan talked in the joint press conference about installation and approval of WASA Lahore smart metering project. MD WASA congratulated the citizens of Lahore on the approval of the project. The project bid was 17% less than the estimate of the project, MD WASA gave the credit of the project to the Punjab Government and Chief Minister Usman Bazardar.



• The WASA Faisalabad has made it easier for its customers to pay bills for which a formal agreement has been signed between WASA Faisalabad and Allied Bank. In this regard a special function was held at WASA Headquarters which was presided over by Managing Director WASA Engr. Jabbar Anwar while Deputy Managing Directors Mr. Adnan Nisar, Mr. Ikramullah, Director Finance Shehryar Hassan, Director Admin Shoaib Rasheed, Deputy Director Finance Abdul Rauf Butt, Arif Siriani, Deputy Director IT Farhan Ali, Allied Bank Regional Head Faisal Kamal and Branch Manager Naveed Ahmed were also present. During the ceremony, Director Finance Shehryar Hassan and Regional Head Faisal Kamal signed a memorandum of understanding. Speaking on the occasion, MD, WASA Engr. Jabbar Anwar Ch. said that WASA is providing quality water supply and drainage services to the citizens of Faisalabad while comprehensive measures



have been taken to make it easier for consumers to pay their bills through all Allied Bank branches, mobile app and ATM. On this occasion, Director Finance Shehryar Hassan said that after the agreement, WASA customers will now be able to pay bills through Allied Bank's mobile app so that WASA's services can be further improved. Regional Head Faisal Kamal said that the payment of bills through automation with WASA Faisalabad is commendable which on one hand eliminates the hassle of WASA customers to pay their bills. On the other hand, the relationship between the two institutions will be strong.

66 million gallon wastewater treatment plant in the eastern part of the country was discussed in detail to enable further progress on the project.

• Vice Chairman WASA Sheikh Shahid Javed and Managing Director WASA Jabbar Anwar declared Dawood Nagar Disposal Station as state of the art facility. Today, they visited the disposal station, inspected the beautification, observed plantation and examined other matters on this occasion. The Vice Chairman while talking to the media on the occasion said that Dawood Nagar Disposal Station is providing wastewater disposal facility to millions



• Director General Faisalabad Development Authority Mr. Rizwan



Nazir visited French assisted WASA's Water Treatment Plant Novelty Bridge and inspected the scientific and technical method of treating canal water and providing it to the citizens. Managing Director WASA Engr. Jabbar Anwar, DMD Adnan Nisar, Director Admin Shoaib Rashid, Director Finance Shehryar Hassan and other officers were also present. The DG FDA, while inspecting the laboratory and water control system, chemical treatment, chlorination and other stages of water purification, said that this mega project of providing clean drinking water to the large population of the city is of great importance, and a significant credit to the Government of Punjab and WASA

which should be maintained on a long lasting basis and continued in a best standards. Appreciating this, he said that Extension of Water Resources project should also be expedited. MD WASA Engr. Jabbar Anwar during the briefing said that this valuable project of providing 10 million gallons of water per day is being successfully implemented with cost Rs. 6 billion. He said that 30 million gallons of clean drinking water would be provided daily through the mega project of the second phase of water treatment plant. He said that we are committed to provide better services to the citizens by completing more mega water supply and sewerage projects while the existing projects are being implemented successfully under the available resources.

• A special meeting was held under the chairmanship of Managing Director WASA Engr. Jabbar Anwar Chaudhry in which the consultant of Asian Development Bank (ADB), Vice Chairman WASA Sheikh Shahid Javed, Deputy Managing Directors Adnan Nisar, Ikramullah and other WASA officers also participated. The construction of a

of people of the adjoining areas. WASA officials have taken practical steps to make the disposal station state of the art and fragrant flowers have been planted by eliminating all kinds of odours from this disposal station, which on one hand eliminates the stench of sewage water and on the other hand creates a garden-like scent, on which WASA officers deserve appreciation. Managing Director WASA Engr Jabbar Anwar clarified that all the machinery of the disposal station has been made soundproof and even the noise of the generator has been controlled. Likewise, wet-well has been covered and vent shafts have been placed at suitable heights resulting in elimination of all smells. Flowering and fragrant plants have been planted for the beautification of the disposal station which has brought the site up to international standards.



WATER & SANITATION AGENCY-FAISALABAD



• A training session was held at WASA head office to enhance the capacity building of various officers of the department in which JICA master trainers met with WASA officers and conducted various sessions with them to enhance their capacity in various matters. On the direction of Managing Director WASA Engr. Jabbar Anwar, DMD Adnan Nisar, DMD Ikramullah, Director Admin Shoaib Rasheed and other WASA officers participated in the training session.



• WASA Faisalabad and Welfare Organization WWF jointly expanded the Floating Treatment Wetlands program for natural treatment of sewage water in Chukera and planted 200 new floating plants in sewage water ponds. Vice Chairman WASA Sheikh Shahid Javed inaugurated the event while Deputy Managing Director Ikramullah, Deputy Director Environment Protection Department Shaukat Hayat, WWF Senior Officer, Waseem Ashraf, Muhammad Abdullah and others were also present on the occasion. Vice Chairman Sheikh Shahid Javed said that the sewage water of the western part of the city is treated by the waste water treatment plant at Chukera but a program of floating treatment wetlands was formulated by WASA officials and WWF and its first Phase has been successful after which the project has been expanded and 200 new plants have been planted on Floating Treatment Wetland which will naturally disinfect the sewage in this



pond. This program has the lowest cost and the best results. Laboratory tests will show that clean water from this program can be used by the farmers. It is also environmentally friendly and encouraging results will come out. The Vice Chairman clarified that there are several ponds empty in Chukera now so he will take the industry owners on board so that they can support the floating treatment wetlands for further expansion of this program. During the function, Deputy Managing Director Ikramullah said that the WASA Faisalabad always

strives to provide quality water supply and drainage services to the citizens for which all available resources are being utilized while for treatment of the sewage water that accumulates in Chukera, the Floating Treatment Wetland Program has been expanded which will provide usable water to the farmers in adjoining areas. Deputy Director Environment Shaukat Hayat, WWF Senior Officer Wasim Ashraf and Abdullah also highlighted about the usefulness and importance of this program.

WATER & SANITATION AGENCY-RAWALPINDI



- GIS mapping of water supply and sewerage Network:

WASA Rawalpindi has completed GIS mapping of Water supply (1000 K.M network) and sewerage (374 K.M. Network) under project of Punjab intermediate cities improvement program (PICIP). WASA has also started work on revision of master plan 2040, of WASA Rwp with the help of EDCM consultant of PICIP.

- Training of staff and Establishment of Training center in WASA

WASA Rawalpindi has established Training center for training of staff in cooperation with JICA. JICA team will visit WASA Rawalpindi training center in December and Training of master trainers will be carried out.

- Early completion of Kehkashan colony water supply scheme for Peri Urban Areas.

Keeping in view the acute water shortage problem in Newly added areas to WASA Rawalpindi, WASA Rawalpindi

- Training of staff and Establishment of Training center in WASA

WASA Rawalpindi has established Training center for training of staff in cooperation with JICA. JICA team will visit WASA Rawalpindi training center in December and Training of master trainers will be carried out.

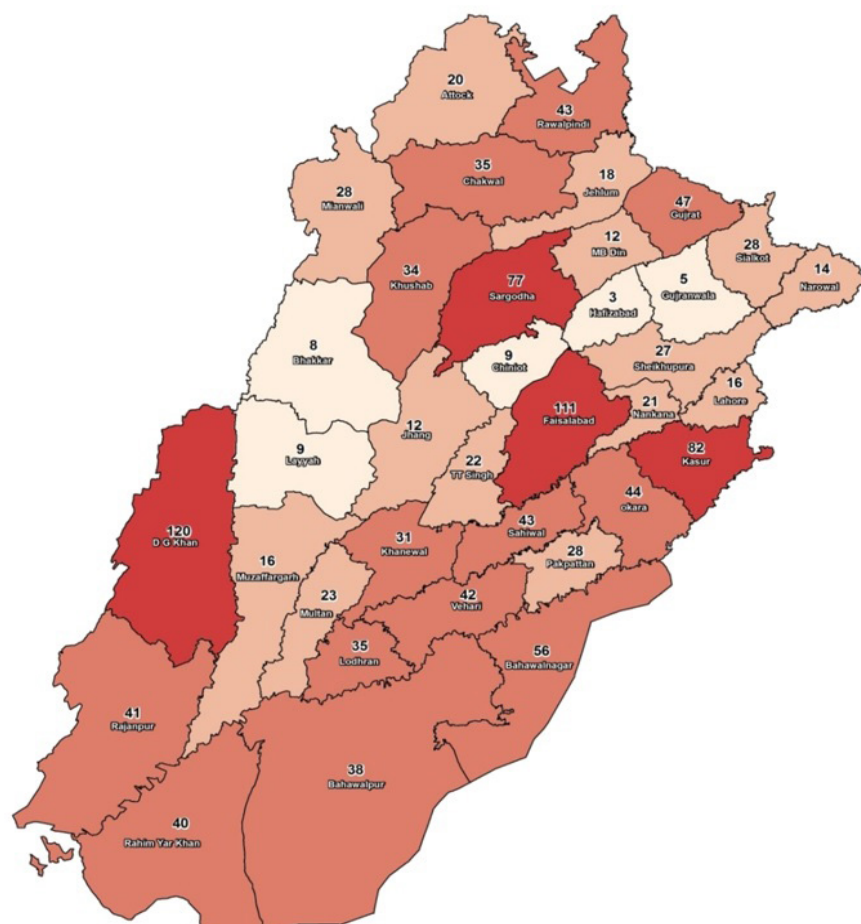
- Early completion of Kehkashan colony water supply scheme for Peri Urban Areas.

Keeping in view the acute water shortage problem in Newly added areas to WASA Rawalpindi, WASA Rawalpindi has

completed the scheme of water supply based on Kehkashan Colony (435 Million) in record short time of 1.5 years while the gestation period of the scheme is 3 years. Physical progress 92% work has been completed and expected date of inauguration will be 15th April 2022.

- Augmentation of water supply based on Chahan Dam

WASA Rawalpindi has revised the design of Chahan dam water supply scheme so that water availability to the citizen may started earliest. Early completion of this scheme will provide water supply to the residents of Dhamial, kalyal, Chak Jalal din, Lakhan, girja and Dhama Syedan.



PAPA awarded 14 contracts in 36 district of Punjab including approx. **1000** Marakaz-e-Aab serving **+5.0 M** population.

+200 Plants are completed ready for inauguration

1000 Plants to be ready for inauguration in 2 months

220/220 Hand Pumps are installed in Rajanpur through UNICEF Grant.

Refurbishment of 81/ 112 Plants through UNICEF/ Alkhidmat Foundation/ Islamic Aid Support

Legend

 District Boundary

Beneficiary Population (in millions)

 0.01 - 0.05

 0.06 - 0.15

 0.16 - 0.30

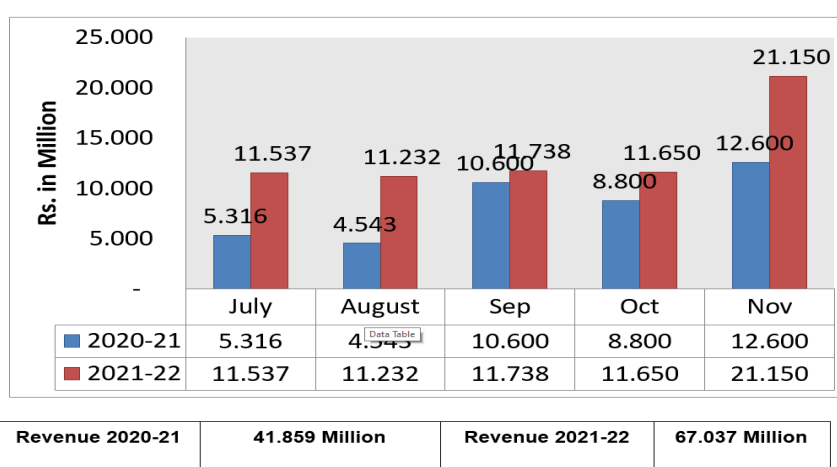
 0.31 - 0.60

WATER & SANITATION AGENCY-GUJRANWALA

• The revenue generation has been expedited in these 5 months of this financial year 2021-22. The Financial recovery has been increased incredibly in year 2020-21 & 2021-22. The defaulters has been disconnected and special campaign has been started for recovery of WASA Bills.

• The topographic survey has been completed using latest technology of Dual Frequency Trimble GPSR5800. Recording of area features has done by using GPS Real Time Kinetic (RTK) survey method. Latest technique using drone to produce A+ survey grade accuracy. Digital Mapping on Auto CAD is also completed.

The Waste Water Treatment Plant



feasibility study has been completed for technology of Ponds with Trickling filters (Hybrid technology). Hybrid treatment technology i.e. Anaerobic Ponds & Trickling Filters is a cost effective solution in terms of capital and operational expenditure. Rs 43.000 Billion will be required for construction of 4 Nos Treatment Plants in Gujranwala City which will treat the water and safe disposal will be done at Qadirabad balloki Link Canal.

WATER & SANITATION AGENCY-HYDERABAD



► MOVING TOWARDS BETTERMENT

WASA Hyderabad has introduced a new payment channel for the convenience of water consumers. WASA Hyderabad is at the forefront of providing its customers with a door-to-door payment facility with innovations. Hyderabad is urging citizens to save water as well as pay their water bills online.

Like the rest of Pakistan, WASA Hyderabad water users seem to be reluctant to stand in queues at banks and submit their bills. For the convenience of customers, WASA Hyderabad has already made it easy for customers to pay their water bills through Easypaisa as well as 1Link. In addition, customers can pay their water bill through FOREE payment channel through WASA website.

WASA, which operates under the umbrella of Hyderabad Development Authority, in view of the new wave of code, the management of WASA has started the facility of payment of water bills through online channel (PayPro) from December

2021. The agreement between PayPro Pakistan and WASA Hyderabad was signed in January 2021 but was stalled due to management changes in the company which has now been finalized.



Capital Development Authority, Islamabad



► AUTOMATION SYSTEM IN POONA FAQIRAN PLANT

In history of CDA first time Automation System at Tube Wells installed a Phase-I in Poona Faqiran Plant and inauguration by Mr. Amir Ali Ahmed, Chairman, Capital Development Authority (CDA), Islamabad on 26th October 2021, which is appreciated by higher ups.

