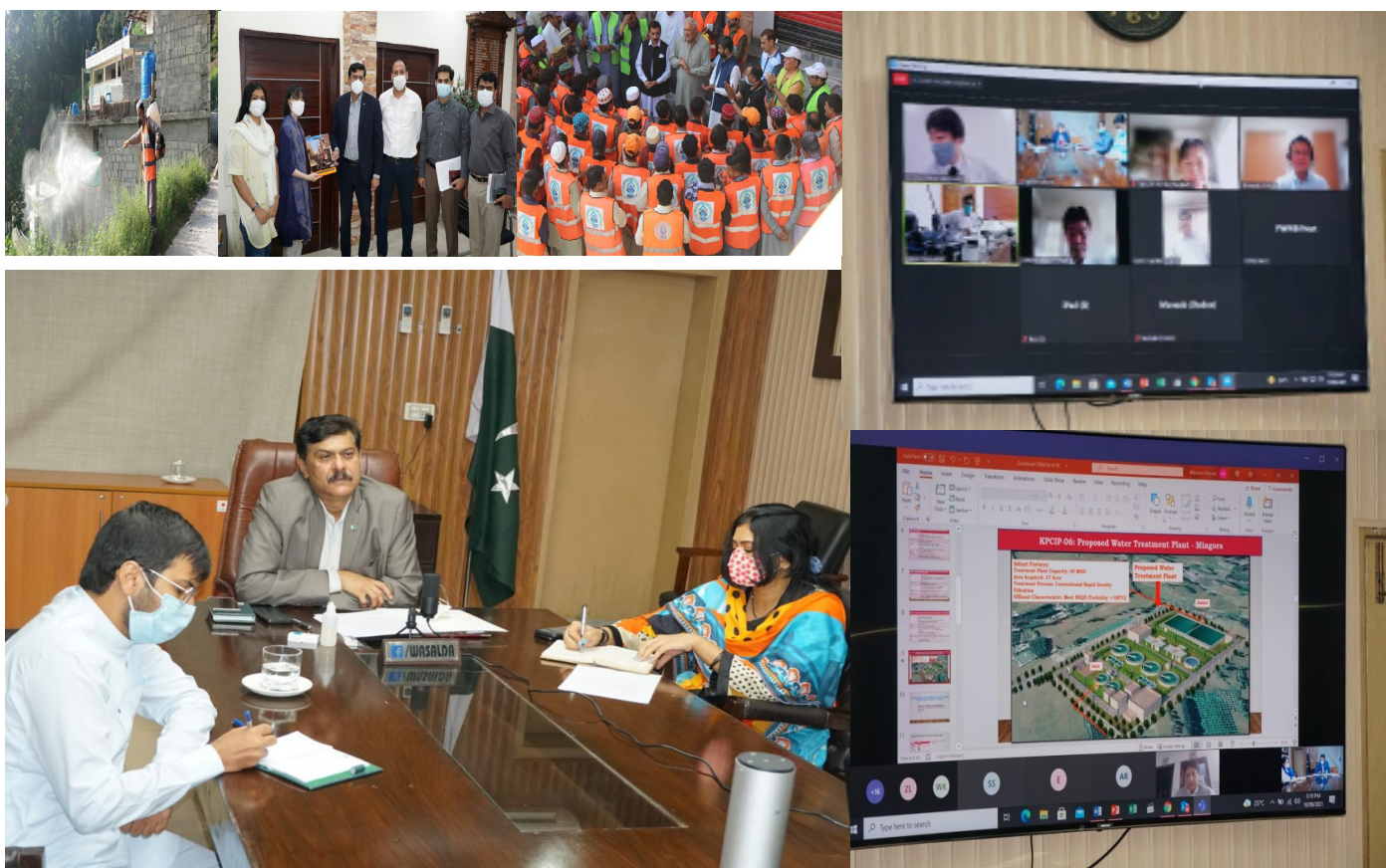


NEWSLETTER



Quarterly Journal Volume: 4 Edition: 03, July 2021 to September 2021

PAKISTAN WATER OPERATORS NETWORK



European Union Water Operator's Partnership Program

EU sponsored partnership between the Budapest Water Works (BWW- mentor) and WASA Lahore and Water & Sanitation Services Company (WSSC) Mardan with coordination of PWON has taken place. A media briefing by MD WASA Lahore Syed Zahid Aziz and Amir Khan CEO of WSSC Mardan was held at Lahore in this regard these utilities have made this achievement after competing with 142 applications received by GWOPA from world wide utilities.

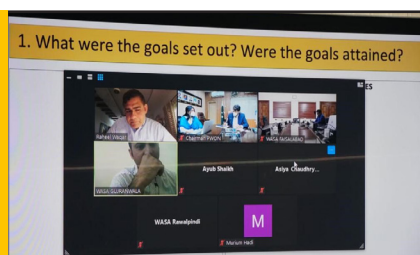


The application of WASA Lahore and WASA Mardan was approved after strict selection process. The move will increase collaboration between Punjab and Khyber Pakhtunkhwa. Alongwith BWW will be paved for the completion of water projects. It is an honor for WASA Mardan to partner with WASA Lahore.

Chief Executive Officer WSSC Mardan Amir Khan said that the program will enhance the capabilities of Mardan WSSC staff. Amir Khan said the organization will benefit greatly from international standard training programs.



The objective of this program is to enhance the operational, financial, social & environmental capacity of both utilities.



With the support of "UNICEF" Pakistan Water Operators Network organized one day workshop "After Action Review" to review of the COVID-19 response. The objective of the "After Action Review" Workshop was to ascertain how did Pakistan utilities respond to the COVID-19 pandemic collectively and at institutional levels.

Some of the key questions were discussed:

- Reflections from the collective response and what have we learned from this pandemic?
- The impact of covid response

UNICEF Pakistan organized an online meeting for WASH sector consultation at federal level. Aim of this event was to finalize the WASH component of a new Program of Cooperation between Pakistan and UNICEF for 2023-2027.



PWON and Institutional Review & Capacity Building (IRCB) consultants organized joint webinar on 10th Sept. 2021 on "Water Treatment Plant and Waste Water Treatment Plant". The objectives of this online workshop was sharing knowledge and experience with WSSCs on previous experiences in WTP, WWTP and SWM in other provinces to avoid implementation failures and achieve the best results from Khyber Pakhtunkhwa Cities Improvement Projects (KPCIP) investments by Asian Development Bank (ADB) and KP government.

Chairman PWON Syed Zahid Aziz participated and representatives from KW&SB, WASA Lahore,

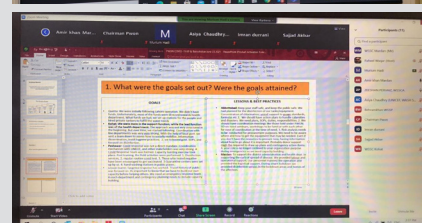
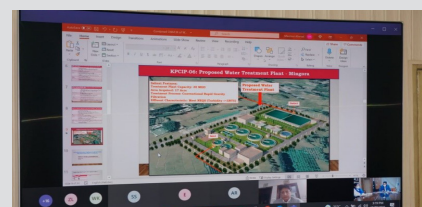
- How can Pakistan Utilities handle pandemic emergencies better in the future? What are the policy, strategy, implementation areas that need to be addressed to better position us in the future. And what action need to be taken to get us there?

The representative of all WASAs and WSSCs participated and expressed their experiences and future planning how to deal this pandemic. Chairman Pakistan Water Operators Network Syed Zahid Aziz welcomed all participants and appreciate the UNICEF support.



UNICEF requested to their partners and observers to share their suggestions and recommendations for the key areas of action. Chairman PWON Syed Zahid Aziz joined the meeting and gave suggestions on development of standards for WASH service delivery models, material quality in WASH and enhancing services in outreach extension to unserved or underserved areas.

WASA Faisalabad and CDA gave presentations on existing and purposed WTP and WWTP and explain its procurement and Operation & Maintenance options.



❖ Visit of Chief Minister Khyber Pakhtunkhwa

The Chief Minister Khyber Pakhtunkhwa Mahmood Khan visited Abbottabad and Inaugurated Shehr Saaf Paani Shafaf Project started by Water and Sanitation Services Company Abbottabad. Chief Executive Officer WSSC Abbottabad Mr. Muhammad Aamir Zakee briefed him about the project. Chairman Board of Directors WSSC Abbottabad DIG (R) Sarfaraz Khan Jadoon presented him a memorial shield. Speaker Khyber Pakhtunkhwa Assembly Mushtaq Ahmed Ghani, Member National Assembly Ali Khan Jadoon, Ex-Minister KPK Qalandar Khan Lodhi and member Board of Directors WSSCA were also present at the occasion.



❖ Eid Adha Operations 2021

Water and Sanitation Services Company Abbottabad (WSSCA) ran an extensive drive to give 100 percent sanitation services to the citizens of Abbottabad on Eid Ul Adha 2021. The Team of WSSCA disposed of 788 tons of remaining of sacrificial animals. WSSCA team under the supervision of Chief Executive Officer Aamir Zakee properly planned the operations and ran an awareness campaign as well. The media persons and Ulama e Karam of all Jamia Masajid were invited for presentation and plan sharing. WSSCA designed biodegradable bags with marking of clear messages to use for remaining of sacrificial animals during Eid Ul Adha. Pamphlets and posters were also displayed and distributed door to door. Banners on 132 points were displayed to allocate the locations. Communication and Media Management department shared awareness messages regarding cleanliness and cooperation with sanitation staff were disseminated through Radio channels, Cable network, social media and print media.

Chairman Board of Directors DIG (R) Sarfaraz Khan Jadoon, Member Board of Directors Khalid Khan Sadozai, Chief Executive Officer WSSCA Aamir Zakee and other officers inaugurated the Eid Ul Adha 2021 Operations. The team cleared Abbottabad city in 36 hours record time and disposed of all remains of sacrificial animals. The community of Abbottabad appreciated the response and activities of WSSCA on different forums.

❖ Beatification of Abbottabad

Besides, cleaning of Abbottabad Water and Sanitations Services Company (WSSCA) working for beautification of the city. Sanitation team of WSSCA prepared flower beds and hanged plants of different species on the walls along road sides which is keeping a scenic and refreshing view.



❖ Moon Soon Plantation Drive

Water and Sanitation Services Company Abbottabad (WSSCA) participated in moon soon drive started by district administration Abbottabad. The workers of WSSCA cleaned the whole Jabrian area and planted more than 1,000 plants of pine to contribute in Clean Green Pakistan campaign run by Prime Minister of Pakistan Imran Khan.

❖ Celebration of Independence Day

Water and Sanitation Services Company celebrated the 74th National Independence Day with zeal and enthusiasm. The Building of WSSCA was decorated with lights, banners and national flag of Pakistan were displayed on different prominent locations of Abbottabad. The Chief Executive Officer WSSCA Aamir Zakee participated in the flag hoisted ceremony in Deputy Commissioner office Abbottabad. The heads of other line departments were also present.



❖ Anti-Dengue Campaign

In collaboration with District Health Department Abbottabad, special team from Solid Waste Management Department sprayed in all areas of Urban Abbottabad to stop the spread of Dengue.

Celebration of Days Water and Sanitation Services Company Abbottabad regularly celebrating all national days. On the directions of Federal and Provincial Government, Yum e Estehsal Kashmir and National Defense and Martyrs Day.

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 GPSR 5800. 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 according to and safe disposal will be done at Qadirabad balloki Link Canal.



WSSC-KOHAT



❖ COVID-19 Response - WASH & IPC Activities (UNICEF Project):

With the support of UNICEF, WSSCK carried awareness activities in Schools and Community regarding COVID-19 SOP's and importance of WASH and handwashing. For this purpose, 5 social mobilizers were hired for 3 months, which were divided in two groups. In a short span of 3 months and with the help and support of UNICEF, WSSCK carried out awareness session in 100 schools and practically trained thousands of students on handwashing. In addition, 100 handwashing stations has been handed over and installed in different government, private schools, soaps were also provided to the community for handwashing. Along with handwashing stations and soaps, a set of 3 dustbins were also provided to 100 school in Kohat for safe disposal of garbage. 100 Schools administration were also given spray pumps along with chlorine for disinfection of schools.

UNICEF Wash Program Manger Mr. Shoaib also visited and monitored the ongoing field activities by the social mobilizers.

❖ Special Cleanliness Campaign for Cleaning Pindi Road:

A special cleanliness campaign was launched by WSSK for cleaning main Pindi Road in Kohat. A special team of sanitation workers cleaned the main road and open drains on road. The roads were cleaned manually as well as mechanically. Assistant Commissioner Kohat Mr. Atif Jalib along with WSSCK DGM Mr. Tahir Afif personally monitored all the ongoing cleanliness operation on Pindi Road.

❖ New pipeline installed in Noor Elahi colony

Water Supply Staff of WSSC Kohat has removed rusty water pipelines in Noor Elahi Colony and laid a new 550 feet pipeline which has solved the long-standing water problem of Noor Elahi Colony.

Assistant Manager Water Supply Jahanzeb Khan and his field staff visited Noor Elahi Colony and met the residents there. Residents of the area thanked Arif Rauf, Chief Executive Officer, WSSC Kohat and the Water Supply Staff for their visit. On this occasion, Zahir Gul, a resident of Noor Elahi Colony said that the residents of Noor Elahi Colony have been forced to drink contaminated water for the last 20 years due to rusty pipelines but now the problem of water is complete due to newly laid pipelines. Has been resolved.

❖ Special Cleanliness Campaign for Cleaning Drains in KDA Kohat:

A special cleanliness campaign was launched by WSSK for cleaning drains in KDA Kohat. A special team of sanitation workers cleaned main drains on road. The campaign started from KDA gate No#2 and move on through different drains of KDA.

WASA LAHORE & INT'L PARTNERS

A delegation from Japan International Cooperation Agency (JICA) visited WASA Head office. JICA will provide technical assistance to WASA Lahore by conducting a study on the use of modern technology in rainwater drainage. On the instruction of Punjab Government, requested JICA to provide support to other WASAs in Punjab. Ms. Aramaki, Head of Water Department in JICA Pakistan, had a meeting with MD, WASA and discussed the working of Water organizations during COVID-19 pandemic.

JICA agreed to provide assistance to the water related organizations/ institutions to deal with the challenges faced during Covid 19. All Water related organizations will be supported through Pakistan Water Operators Network (PWON). JICA will provide assistance to Training Directorate of WASA Lahore for capacity building of WASA Officers/ Staff.



On exceptional performance in water sector, JICA invited MD WASA to the 5th International Conference (Executive Forum) to be held in 2022.

❖ ASIAN INFRASTRUCTURE INVESTMENT BANK (AIIB):

Apart from many others partners, WASA has been working with Asian Infrastructure Investment Bank (AIIB) for improving living standards of residents of Lahore City. Currently, AIIB and WASA are working on two major projects related to Water Sector in Lahore city. AIIB will finance the construction of Surface Water Treatment Plant at BRBD Canal Lahore and Sewerage system from Larechs colony to Gulshan-e-Ravi (through Trench-less Technology) Lahore.

❖ Sewerage system from Larech colony to Gulshan-e-Ravi:

A sewer line of 28 Km will be laid through Trench-less technology (Tunnel Boring Machine - TBM). The project shall be implemented on Engineering, Procurement & Construction (EPC) Mode with expected completion time of 30 Months. The PC-I amounting to PKR 14,165 Million has been approved by ECNEC on 16.03.2020. The project will help in Improvement of existing sewerage system by providing new trunk sewers/ conduits, Safe disposal of sewage/ storm water and Environmental improvement.

❖ SWTP at BRBD Canal:

WASA Lahore has planned to shift to surface water, after its treatment, to reduce the excessive use of Ground water. Under this project, the existing Ravi Syphon will be rehabilitated, Surface Water Treatment Plant of 54 MGD capacity will be constructed and Transmission main, feeding main and distribution network will be rehabilitated / replaced. Finally, the metering and SCADA system will be installed to maximize the efficiency of the water supply system.

The project will be implemented through Design, Build and Operate (DBO) mode having completion time of 42 months. The PC-I amounting to Rs.21,045.71 Million has been approved from ECNEC on 02.10.2019.

The project will ensure provision of 24/7 supply of adequate quantity of safe drinking water to the target areas through a unified water supply network, ensure sustainable provision of water through reliance on multiple sources like surface supplies and minimize Non-Revenue Water (NRW).

Frequent meetings between AIIB Representatives and WASA are held under the chairmanship of MD WASA to monitor the pace of projects.

❖ RAINWATER HARVESTING

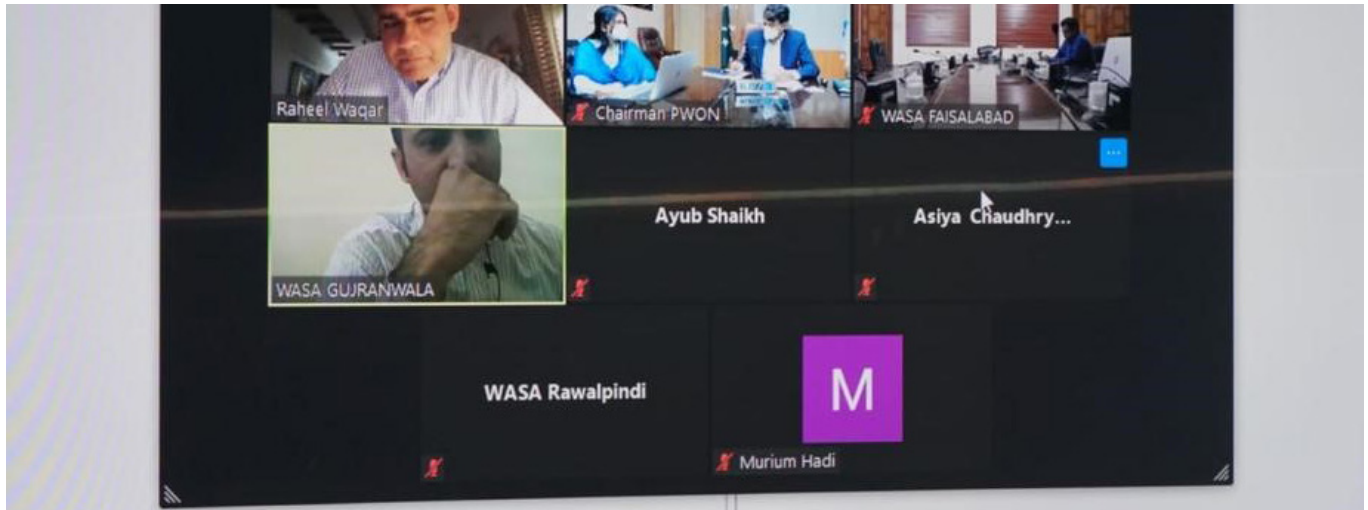
Rapid urbanization of is modifying the land cover as well as hydrological characteristics of the areas which ultimately cause local flooding.

To overcome the problem of Flash Floods in Lahore city, WASA Lahore has initiated the Rainwater Harvesting projects for the first time in Pakistan. For efficient collection and drainage of rainwater WASA has begin the construction of Rainwater Harvesting Tanks at various critical ponding points of city.

The first rainwater harvesting tank constructed at Lawrence Road, having capacity of 1.4 Million Gallons, has been very successful. Currently, the construction of underground tanks at Kashmir Road and Sheranwala Gate is in full swing. The stored Storm water is used for horticulture and filling of vehicles through hydrant.

Managing Directors from five WASAs of Punjab visited the underground water tanks. A briefing was given to them regarding the importance of water conservation and rainwater harvesting. WASA Lahore will provide guidance to other WASAs in Punjab for construction of Underground Water Tanks.





CEO WSSCM and MD WASA Lahore held a press conference on the project's selection for EU WOP.

❖ Water Operators' Partnership between Budapest Waterworks and the water utilities of Lahore and Mardan, Pakistan

WSSCM in collaboration with WASA Lahore and Budapest water works Hungary applied for EU Water Operators Partnership. Over 140 projects were submitted in Phase I, out of which 30 were shortlisted to progress to Phase II. After a final thorough independent expert evaluation, 22 EU-WOP Projects were selected for funding. EU-WOP Programme is to help Reach SDG6: Improve and Maintain WASH Services for All. The EU WOP Programme is a 3-years initiative, led by UN-Habitat's Global Water Operators' Partnerships Alliance (GWOPA) and funded by the European Commission. Water Operators Partnership (WOP) is a peer support /partnership between two utilities from Pakistan (i.e., WASA Lahore and WSSCM Mardan) and a European utility from Hungary (Budapest water works). Through mentorship, this partnership will progressively strengthen capacity and performance in non-revenue water, underground leakages detection through sophisticated equipment and water quality measurement.

❖ Averting Monsoon flooding

Mardan has received heavy rainfall in July 2021, at the onset of Monsoon. To mitigate and control flood situation in the city, WSSCM prepared and implemented monsoon 2021 plan and engaged 120 sanitation staff and 4 no. of various machinery to respond emergency situation. WSSCM emergency gang were on duty, for timely coordination and response which has averted flooding in the city and damage to the public property.

One of the flooding hotspots in urban Mardan is Shahedan Bazar, UC Mardan Khas, where a sewer line of 30 ft is laid down to minimize the flood effect. This scheme has minimized the flooding up to 70% in main bazar.

❖ Civic engagement for Services Sustainability

On July 31st, 'Eid ul azha cleanliness awareness campaign' was launched, where WSSCM citizen liaison cell team carried out a number of activities for public awareness and engagement. They mobilized Imam Masjid of 8 mosques who delivered messages in Friday sermons, carried out 25 awareness sessions, displayed 120 banners, distributed around 5000 pamphlets and distributed around 2000 biodegradable bags among residents; 25 public service announcements were on aired on radio Pakhtunkhwa, radio Paigham and Mashriq TV, whereas, 10 leading TV channels covered WSSCM Eid ul azha operations. At the end of Eid ul azha special operations CEO WSSCM distributed gifts among sanitation staff for their best performance during Eid and provided improved services to the citizens of Mardan.

❖ Monsoon Tree Plantation in Urban Center

WSSCM planted around 2000 plants at STP site, railway station ground and in WSSCM office for contributing in Monsoon tree plantation drive of government of Pakistan. These plants included Alstonia, Conocarpus, Acacia, and Eucalyptus etc.

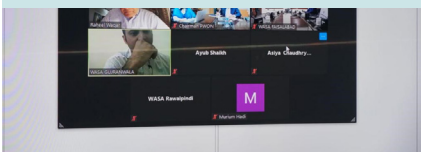


❖ WSSP completed replacement of 33 kilometers old, rusted pipeline

Water and Sanitation Services Peshawar (WSSP) has completed replacement of old and rusted pipeline in different localities. Hundreds of households are now getting clean drinking water. The company has completed replacement of 33 kilometers rusted pipeline under different projects.

The company replaced 23.2 kilometers (76,000 ft) under Sustainable Achievement Programme (SAP), a federal government-funded project, while 6.9 km (22000 ft) under Unicef-funded project in different localities of the Peshawar city.

The company has already replaced 300 kilometers pipeline since its inception (2014). Access to clean water is a basic right and WSSP is trying its best to supply clean drinking water to all of its consumers and in order to achieve SDG-6 targets. Replacement of rusted pipeline is underway while tube-wells are being renovated so that complaints regarding low pressure to tail end consumers could be addressed while keeping in view the quality of drinking water, a regular based water quality tests performed at all three levels to ensure the quality clean drinking water for all. WSSP is currently serving as registered consumers 35.26 percentage of the total population 1.92 Million in 42 Union Councils in jurisdiction of WSSP of urban Peshawar.



❖ Drain De-siltation in Jurisdiction of WSSP:

Poor sanitation is known to increase the risk of morbidity and mortality. One of the most important components of sanitation is waste water disposal. Faster drainage and reduce clogs leads to health environment.

Cleaning of drains and sewer lines on regular basis is the mandate of WSSP, regularly focus on the sewerage and drainage system cleaning in Peshawar city is the core commitment of WSSP to ensure the overall environment for the citizens of Peshawar city.

WSSP has desilted 320 kilometers drain from July to September this year mainly secondary and tertiary drains are focused to ensure sanitation at door step. Since desilting of drains is a regular activity therefore it continues throughout the year.

Sewerage activities in densely populated and urban slums:

WSSP is much more focused on the mandate, and trying to reach as far as needed, in the narrow streets of highly dense interior city/urban slums to facilitate the citizens and contribute towards the healthy environment for all/ the citizens of Peshawar.



❖ Awareness Campaigns:

WSSP holds public dialogue to persuade masses on water conservation

Citizen Liaison Cell of Water and Sanitation Services Peshawar has been holding door-to-door awareness sessions and public dialogue to sensitize the community on importance of clean drinking water. WSSP has so far set up 30 male and as many female WASH committees in different localities of the Peshawar city. Besides, Ulema are being engaged under UNICEF-funded Community Empowerment and Capacity Building Project to highlight importance of water in light of Islam. A network, comprising 200 Ulema, deliver special sermons on Friday to sensitize masses water and sanitation. The company has also selected 100 schools where hand washing stations have been installed while set up 100 student WASH clubs.

Besides, as many as 10 Intra-School Quiz Competitions have been conducted so far while 10 Intra-School Art Competitions took place at public and private schools.

To engage ulema, the WSSP CLC department also organized a conference titled "Public Dialogue on Water and Sanitation" at Nauthia Jadeed, Bhana Mari and Akhun Abad union councils to create awareness on importance of water and sanitation. WSSP has been organizing awareness campaign under ongoing UNICEF project on water and sanitation services.

❖ WSSP Anti-Dengue Campaign (September 7th to 2nd November 2021):

Dengue campaigns (area and population covered, number of staff deployed (Sept 7th to November 2nd 2021):

- Area Served : UC-81, UC-36, UC-35, UC-32, UC-39, UC-40, UC-38, UC-51, UC-61, UC-76, UC-50, UC-60, UC-91, UC-59,
- Fumigation rounds : 426
- Population served: 6,52,000
- Staff Deployed: 65 number of staff deployed on disposal of Health Department (10 days campaign) and 17 number of fumigation staff deputed in dengue hotspot areas on complaint base response.
- Awareness through Social and Print Media
- Community Liaison cell conducted awareness 124 sessions with community leaders and residents of Peshawar.

❖ Volunteers' efforts Dengue Spray parrel to WSSP:

Due to better coordination with the stakeholders and incessant awareness campaign at different forums and communal level, people are sensitized and willing to contribute as volunteers with WSSP for the citizens of Peshawar, in dengue spray campaign for healthy and safe environment.

Fumigation Activities in all four Zones (A, B, C & D)

S.No	Activity Detail	Zone	Total Rounds
1	Fumigation	A	21
2	Fumigation	B	173
3	Fumigation	C	89
4	Fumigation	D	47
Total			426

Rehabilitation of Abandoned Waste water Treatment Plants. WSSP is conducting feasibility study to rehabilitate three abundant sewerage treatment plants in District Peshawar in order to treat the waste water for recycling/reuse, minimize the high risk of contamination to the ground water and especially river bodies adjustment to Peshawar valley.

Following are the locations of Sewerage Treatment Plants (STP) in District Peshawar:

- Charsadda STP
- Warsak Road STP
- Hazarkhwani STP

❖ Water Filtration Plants Rehabilitation with Support of IR:

WSSP has rehabilitation 17 Nos of water Filtration Plant with support of Islami Relief Pakistan in order to ensure water quality services for the citizens of Peshawar.

❖ Memorandum of Understanding between WSSP & GTTC:

This Memorandum of Understanding (hereinafter referred to as "MOU") is made and entered into by and between the WSSP and the Government Technical Teachers Training College (GTTC) Centre of Excellence (CoE) Peshawar, Khyber Pakhtunkhwa aiming to establish a collaborative platform between GTTC Peshawar and WSSP to meet and function for mutual benefits and the need to strengthen co-operation within the technical fields of training, technical solution, production facility sharing & other relevant fields required to WSSP as per institutional needs. Besides, this will cover professional enhancement and collaborative research; and participate in the discovery and transmission of knowledge and the stimulation of project staff; and providing with disciplinary & legal trainings. Whereas, the WSSP has a general aim to contribute to hands-on skilled human resource development, including technological and professional education and research in field relevant to WSSP. Especially with focus to enhance the services delivery and minimize the cost for sustainable solutions. For example Solarization of tube wells, capacity building trainings for operation staff etc.

❖ WSSP Service Delivery extended to further 22 Semi Urban UC of District Peshawar:

Recognizing services of Water and Sanitation Services Peshawar, Government of Khyber Pakhtunkhwa approved extension of services of the company to 23 further union councils. WSSP already provides municipal services in 43 urban union councils of Peshawar.

❖ UNICEF lauds WSSP Services:

A delegation of UNICEF, in its visit to Shaheen Muslim Town Peshawar, appreciated WSSP's efforts in water and sanitation sector. Expressing its satisfaction over



UNICEF-funded projects and quality of service delivery of WSSP, the delegation expressed hope to work with the company in strengthening WASH sector in the city.



❖ MOU between PAPA and WASA Lahore (4th August 2021)

A signing ceremony of Memorandum of Understanding between WASA Lahore and Punjab Aab e Pak Authority was held at WASA head office Lahore. Senior management from both departments participated in the ceremony. On the occasion CEO Punjab Aab e Pak Authority Syed Zahid Aziz stated the MOU as a great advantage to Punjab Aab e Pak Authority. WASA Lahore follows world class standards and also



received accreditations of ISO 17025, to its laboratory the only government administered water utility in the country said CEO Syed Zahid Aziz. WASA Lahore will work with Punjab Aab e Pak authority on no profit no lose strategy he further explained. On top of facilitating PAPA with water testing services, WASA Lahore will provide specialized training to PAPA staff which also include the authenticated procedures of water sampling. DMD O&M Ghufraan Ahmed and DG O&M Aslam Khan Niazi signed the MOU in the presence of Chairman PAPA Dr. Shakeel Khan and other officers.



❖ Gold Medal To CEO Syed Zahid Aziz (PAPA)

In recognition to acknowledge outstanding performances in the professional lives from all sectors of life an Award distribution ceremony was held at the Governor House Lahore. Governor Punjab Muhammad Sarwar graciously awarded Syed Zahid Aziz with the gold medal in recognition of his outstanding contribution to the Water sector of Pakistan. Governor Punjab also praised the display of professionalism by Syed Zahid Aziz and congratulated him. I am proud to serve the country and the nation and dedicate this medal to my team Syed Zahid Aziz stated in a statement afterward.



❖ Covid Testing

In line with government policies and directions management of the PAPA conducted a full scale covid 19 testing. All the employees of Punjab Aab e Pak Authority participated in the testing drive conducted at the head office of Punjab Aab e Pak Authority. In the light of the results, the affected personnel were called for isolation by the orders of the management.



❖ Inauguration of water filtration plants in Sahiwal

Punjab Water Authority inaugurated water filtration plants in Sahiwal Division. Governor Punjab Chaudhry Muhammad Sarwar inaugurated the three water filtration plants in the presence of Chairman Punjab Aab e Pak Authority Dr. Shakeel Khan.

With the vision of the Prime Minister of Pakistan and the support of the Chief Minister of Punjab, safe and clean water is being provided to the people of Punjab said Governor Punjab Muhammad Sarwar. The selection of locations of water filtration plants is purely without any political influence Governor Punjab further added.

On the occasion, Governor Punjab said Providing clean and safe drinking water facilities to the people of Punjab is the top priority of the current government.

The inaugurated Filtration plants installed in Chichawatni Chak No. L 10/11 Tehsil, Mohalla Mohajireen Kameer Town, Tehsil Sahiwal and Dola Bala Bahadur Shah Tehsil Sahiwal.

The three water filtration plants will cater to more than 15,000 rural populations with safe and clean drinking water. Customized filtration technology is being adapted according to the water test reports from each location's CEO elaborated. Water filtration plants will be installed in 113

villages of the Sahiwal division at a cost of about Rs. 300 million CEO Syed Zahid Aziz further added. Unicef Pakistan provided financial assistance to install a filtration plant installed at Kameer village having reverse osmosis technology due to the higher value of arsenic content in the groundwater.

Inauguration of water filtration plants in Lahore

With the help of NGOs and philanthropists, Punjab Aab e Pak Authority inaugurated three water filtration plants in Lahore. Governor Punjab Muhammad Sarwar inaugurated the three filtration plants by cutting the ribbon and opened the use for the general public. The three Filtration plants inaugurated were at Layton Rehmatullah Trust (LRBT) Hospital Township, Judicial Colony 1 Thokar Niaz Beg, and Tecta Head Office Gulberg. Chairman Punjab Aab Pak Authority Dr. Shakeel Khan also accompanied the Governor of Punjab in Inauguration ceremonies, whose family also donated to install a water filtration plant located at Layton Rehmatullah Trust (LRBT) Hospital Township. The Water Filtration plants installed at Judicial Colony 1 and Tecta



Head Office Gulberg were installed with the collaboration of an NGO called Muslim Hands.

In the ceremonies, Governor Punjab praised the performance of Punjab Aab Pak Authority and disclosed his ambitions to make it a successful organization in the country.

WASA - QUETTA



On 4th September 2021, Government Innovation Lab (GIL), University of Balochistan team held a meeting with Q-WASA, where the GIL team launch the Official Website of Q-WASA with the the support of Planning & Development Department and UNDP. The official website was inaugurated by Mr. Saleh Muhammad Nasir Secretary PHED / MD Q-WASA along with Dr.Engr Imran Hameed Durrani Director Technical Q-WASA, Mr. Hamid Latif Rana Deputy MD admin / Finance, Mr. Sherdil Khan Director Admin Engineer, and Mr. Ghyas Assistant Director Admin. Furthermore, Dr.Waheed Noor (GIL Team Lead) with GIL fellows Azar Ayoub (Senior Developer) and Farhan Ahmed (Software Engineer) briefed representatives of Q-WASA on the deployment of HRMIS and GEO dashboard of tube wells.

GIL team also discussed the future collaborations to impact Q-WASA governance and service delivery through innovation.

The Secretary Mr. Saleh Muhammad Nasir and Dr.Engr Imran Hameed Durrani Director Q-WASA thanked and appreciated the efforts of Government Innovation Lab, Planning & Development Department and UNDP for their continuous support.



❖ Dengue epidemic control:

WASA Rawalpindi has played pivotal role for dengue epidemic control. The city has witnessed 2473 Nos. of patients. WASA staff has been managing timely dewatering from low lying areas.

Early response to leakages repair in water supply pipeline. Also WASA has deputed one water bouzer for water scarce area and sucker machine for sewage removal from private plaza and buildings.

❖ Modeling of Ground water Table with help of PCRWR:

WASA Rawalpindi has signed MOU with Pakistan council or research on water resources (PCRWR) for modeling study of ground water table and ground water recharge. PCRWR will identify potential recharging sites for rain water harvesting and ground water recharging.

Vice Chairman WASA visited PCRWR office for MOU signing.

❖ 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.



❖ Augmentation of water supply based on Chahan Dam:

WASA Rawalpindi has started working of Water supply scheme based on Chahan dam source for newly added peri urban Areas. Early completion of this scheme will provide water supply to the residents of Dhamial, kalyal, Chak Jalal din, Lakhani, girja and Dhama Syedan.

Pakistan Water Operators Network (PWON)

 [+92 335 5971500](tel:+923355971500)  nc.pwon.pk@gmail.com  www.pwon.pk

 [31-B Zahoor Elahi Road, Block-B Gulberg III, Lahore.](#)