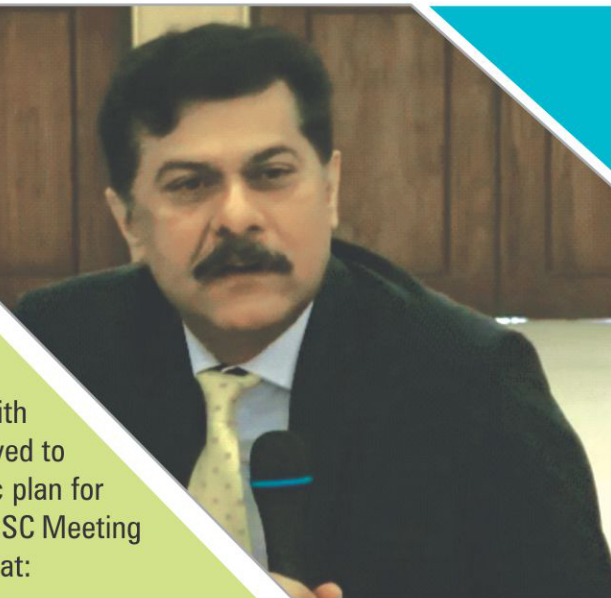


SYED ZAHID AZIZ - CHAIRMAN PWON, APPRECIATED DEVELOPMENT PARTNERS TO SUPPORT FOR PWON STRATEGY AND WORK PLAN DEVELOPMENT PROJECT



Syed Zahid Aziz – Chairman Pakistan Water Operators Network (PWON), appreciated the support & dedication of all development partners including Global Water Operators Partnership Alliance (GWOPA), UNICEF, French Development Agency (AFD) and Water Aid for PWON Strategy and Work plan development.

On the sixth year of its establishment PWON has earned a good reputation and standing among water and sanitation utilities and sector development institutions that lead to enhance expectations of all stakeholders. Considering this situation PWON held a meeting with development partners on 23rd Jan, 2017, during the meeting it was evolved to review PWON activities and need for development of long term strategic plan for PWON, This decision later endorsed by PWON Steering Committee during SC Meeting on 18th March, 2017. It was decided with the consultation of stakeholder that:



1) An International Consultant be hired for review and development of PWON Strategic Plan for 5-10 years.

2) A National Consultant to be hired for the development of 2 years work plan for PWON, in accordance with the strategic plan to be prepared by International Consultant.

3) A Water Retreat (two days session) was also proposed at end of Strategic and work plan process to get feedback and output from all stakeholders.

Global Water Operators Alliance (GWOPA) , Spain

took a lead and developed Terms of Reference for National and International Consultancy Services for PWON, All development partners

provided their feedback in dedicated sessions organized by UNICEF and through emails and finally with the efforts of all development partners and PWON secretariat ToRs finalized.

UNICEF Pakistan showed great support to PWON as on 15th June, 2017 Chairman PWON - Syed Zahid Aziz and National Coordinator PWON had telephonic meeting with Ms. Asiya Ashraf Ch. - Wash Specialist UNICEF, who confirmed Mr. Chairman about UNICEF support for the hiring of International Consultant for development of 5-10 year strategic plan for PWON.

Chairman PWON thanked all development partners for their support and efforts for this project and hoped that at the end of 2017 we will be able to start hiring of consultants.



unicef



UN HABITAT
FOR A BETTER URBAN FUTURE

PWON STEERING COMMITTEE MEETING HELD AT MULTAN ON 18TH MARCH, 2017



PWON Steering Committee Meeting was held at Multan, on 18th March, 2017. Meeting was chaired by Syed Zahid Aziz – Chairman PWON, and hosted by Mr. Rao Muhammad Qasim – Managing Director WASA Multan. Representative of All PWON member utilities and development partners participated in the meeting including: Mr. Muazzam Jamil, DS UD HUD & PHED Govt. of the Punjab, Mr. Raja Shoukat - MD WASA Rawalpindi, Mr. Khanzeb Khan - CEO WSSP, Peshawar, Mr. Nasir Ghafoor - CEO WSSC Mardan, Mr. Arif Rauf - CEO WSSC Kohat, Mr. Ayoob Shaikh - CE Projects KW&SB Karachi, Mr. Syed Mohsin Nazar - Director F & C

WASA Hyderabad, Dr. Zainab Abbas - Chief Chemist WASA Lahore, Mr. Muhammad Rehman - Assistant Director GIS P&D WASA Lahore, Mr. Abdul Majeed, D.D Revenue WASA Multan, Mr. Muhammad Nadeem - AD P&D WASA Multan, Mr. Khurram Butt - DD (P&D) WASA Gujranwala, Mr. Maqsood Anjum - Director (A&F) WASA Gujranwala, Mr. Roohan Javed - Dir (I&C) WASA Faisalabad, Mr. Ghaffar Naveed - DD (P&D) WASA Faisalabad, Mr. Azizullah Khan - DD (P&D) WASA Rawalpindi, Mr. Ali Akbar - Assistant Engineer WASA Quetta, Mr. M. Munir Akhtar - Director Works WASA Multan, Mr. Ali-ur- Rehman

General Manager Operations WSSP Peshawar, Mr. Idress Khan - Manager Technical WSSC Mardan, Mr. Tahir Afif - Manager HR & Procurement WSSC Kohat, Ms. Rabia Mehfooz DD WASA Multan, Mr. Hassan Mehmood - A.D.P.R WASA Multan, Mr. Abdus Salam, DD (W/S) WASA Multan, Mr. Muhammad Ramzan - Executive Engineer WASA Quetta, Dr. Kiran Farhan - Principal Al-JazariAcadamy Lahore, Ms. Maleeha Sajjad Naqvi - WASH Officer UNICEF, Mr. Farakat Ali - Provincial Coordinator, Water Aid, Ms. Maqsooda Fatima - National Coordinator - PWON.



PWON SCM Sponsored by

WaterAid

Hosted by



SCM HIGHLIGHTS

- General discussion session was conducted to share the issues and experiences, all participants shared their prospective on topics like tariff, Solid Waste Management as part of W& S, Outsourcing of Consumer Survey, Billing system, building laws, Requirement of technical assistance for non-operation waste water treatment plants, Need for authentic Lab for water quality testing,
- Membership Award to two more utilities and Agreement on the proposal of review of PWON activities for development of long term strategy and work plan.
- To ease the process SCM approve that there is no need of approval from SC for granting new PWON membership if applicant utility fulfill the following criteria:
 - ❖ Serving Min 100,000 Population
 - ❖ Agree to pay membership fee annually
- Task of development of SOPs on Authentication of Water Quality Test assigned to PWON.
- It was suggested by SC for establishment of Water Quality Testing Lab under PWON, and establishment of resource center for water and waste water treatment plants.

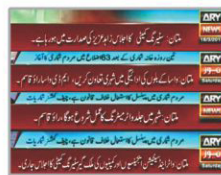


PWON Welcome New Members WSSC Kohat, WSSC Abbottabad and PSPC - SOUTH



PWON Steering Committee Meeting (SCM) Attracted MEDIA

PWON Steering Committee Meeting gets the attention of local & National Electronic and print media. Pakistan Water Operators Network (PWON) being the network of Water and Sanitation Utilities throughout the country believes that collaboration of media with PWON can be helpful to highlight the issues and challenges to Water and Sanitation sector in Pakistan.



All overhead water reservoirs will be made functional in the country



MULTAN, All overhead water reservoirs will be made functional which were abandoned in Past due to the reasons best known to the policy makers and New overhead tanks would be constructed to supply water to new

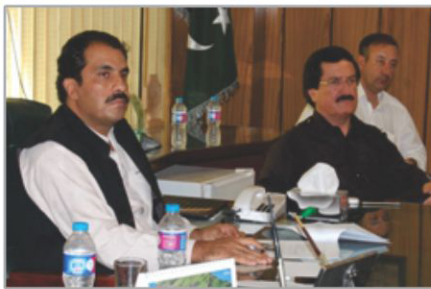


WASA LAHORE SIGNED MOU WITH TURKISH FIRM TO SETUP W&WW TREATMENT PLANTS



Water and Sanitation Agency (WASA) – Lahore Sign MoU with Turkish firms "Kalyon", "Albayrak" and "Matito" (JV) for Construction of Surface Water Treatment Plant at River Ravi and Construction of Waste Water Treatment Plants at different sites indicated, in Lahore on the occasion of International Seminar On Business Opportunities in Punjab (ISBOP-2017) at Pearl Continental Hotel on 23rd May, 2017.

WASA QUETTA PROVIDING W&S SERVICES IN THE HEART OF BLOCHISTAN



Balochistan WASA was created under an act in 1989 which was repealed with the act of 2004 declaring it QWASA instead of B-WASA. "Main aim of this authority is to provide safe and clean drinking water according to the requirements of the inhabitants of Quetta and to



provide hygienic and pollution free environment from the effects of sewerage and dirty water simultaneously ensuring effective and efficient service delivery". WASA under took number of projects to overcome the shortage of water in Quetta city and increased

the availability of water as in July 2000 - 08 MGD, July 2004 – 16 MGD, July 2006 – 19 MGD, July 2008 – 22 MGD, May 2012 – 28 MGD. Presently QWASA is maintaining 417 tube-wells (only source) and providing 30 Million Gallons per day against the demand of 45 MGD. During the last financial year QWASA rehabilitated/replaced 15 tube-wells under PSDP at a cost of Rs.108.199 million, this includes drilling, development and energization of the tube-wells, interconnections, construction of pump houses and laying pipes lines.

WASA HYDERABAD TO CONDUCT CONSUMER SURVERY

New GIS based Survey was conducted in the month of April, 2017 under the agreement executed between WASA-H and M/s Sprint Express (Pvt) Limited. Approximately 28298 Domestic Illegal connections and 950 Commercial Connections were detected during survey in Qasimabad Town.



Rehabilitation of Main Laboratory at New Filter Plant Jamshoro Road, Hyderabad.



In pursuance of the orders of the Honorable Supreme Court of Pakistan, Taxation Department of W A S A - H established first Customer Facilitation Center which was inaugurated by Mr. Masood Ahmed Jumani, Director General, H.D.A.

Customer Service Center Established In Wasa Hyderabad



WSSP LAUNCHED IT INTERACTIVE TOOLS FOR COMMUNITY

WSSP launched the following IT tools for community easy access and efficient service delivery on May 8th, 2017.

- Grievance Redressal System
- Smartphone based Attendance System
- Safa Peshawar

Chief Minister - Mr. Pervez Khattak inaugurated the ceremony along with political line of KP including senior Minister LG&RDD Inayatullah Khan. These tools will not only help to improve the system but will also facilitate the general public.



WSSP SIGNED MOU WITH IT BOARD PESHAWAR



Water and Sanitation Services Peshawar (WSSP), signed MoU with IT board Peshawar for collaborating in the development of Safa Peshawar Application.

MEETING REGARDING FUNDS AND PROGRESS



Head of WSSCs in KPK, met with Sr. Minister LG & RDD on 30th May, 2017 at WSSP Head Office to share the funds requirement and progress in their respective utilities.

DELEGATION FROM CHINA VISITED WSSP



A delegation of Chinese Company Boda Group met with CEO WSSP Mr. Khanzeb Khan and GM PMER Mr. Ashraf Qadir on MAY 4TH, 2017 to share the mutual areas of collaboration.

WSSP PARTICIPATED IN KPK – CPEC ROAD SHOW IN BEIJING



Engr. Khanzeb Khan – CEO Water and Sanitation Services Peshawar, represented WSSP in KPK CPEC Roadshow held at Beijing China and signed a MoU.

WSSC MARDAN INITIATED 'ZAMA PAK MARDAN'



Water and Sanitation Services Company (WSSC) Mardan initiated a campaign named as "ZAMA PAK MARDAN". The aim of this campaign is to clean mass-scale old dumps and drains of all kinds. It is targeted that about more than 15000 Tons of solid waste and more than 120 KM of drains will be cleaned in this campaign.

FUMIGATION IN MARDAN CITY BY WSSCM

WSSCM procured new fumigation machinery and insecticides (WHO Approved). Timely and effective arrangements made for the safety and health of the residents of Mardan city.



WSSCM TO DISTRIBUTE NEW UNIFORM AND SAFETY GEARS AMONG STAFF

Water and Sanitation Services Company (WSSC) Mardan procure new uniform and safety gears for the Water Supply and Sanitation staff. New uniform will not only ensure their recognition but will also protect them from being exposed to potential health threats.



OPERATIONALIZATION OF WATER TREATMENT PLANT IN WASA MULTAN



Water & Sanitation Agency Multan operationalized a wastewater channel (Northern Sullage Carrier & Treatment Plant) and Wastewater Treatment Plant at Suraj Miani to mitigate adverse environmental impacts caused by wastewater thrown directly into water bodies. After functioning of this WWTP, the sewage generated in the Northern Zone will be discharged into river Chenab after treatment.

Salient Features for Selection of WSP Site

The location of site for WSP was finalized by considering technical and financial viability of the linked Sub-projects due to the reason as under:-

1- The major consideration for selection of this site is the natural surface levels (NSL) of the acquired site of WSP in comparison with the start point of sullage carrier which is

7.3 Km long originating from Disposal Station Bosan Road. The raw sewage would be disposed of into WSP for treatment through Sullage Carrier by gravity avoiding double pumping.

2- The site is located adjacent to the flood plain of river Chanab, which is at a distance of approximately 2-3 kms. A new protection bund is also being constructed to safeguard the danger of flood and go further into the flood plain / near river as water table will rise up, which will be technically unsafe.

3- Disposal of sewage from existing lift station Suraj Miani and newly constructed at Bosan Road by SPBUSP through sullage carrier.

After isolation of existing Intermediate Lift Station at Chungi No 9, sewage will be disposed of into WSP through Sullage carrier.

WASA MULTAN ATTENDED TRAINING PROGRAM IN TURKEY



In August, 2016 A delegation of WASA Multan participated in technical visit and on job training program organized by TIKA and KOSKI in Turkey, The delegation was comprising of Mr. Rao Muhammad Qasim, Managing Director WASA Multan, Mr. Abdus Salam, Assistant Director Water Supply WASA-M, Mr. Muhammad Nadeem – Assistant Director Planning & Design WASA-M, Mr. Malik Muhammad Arif Abbas – Assistant Director Sewerage WASA-M, participated in the technical visit to KOSKI Konya alongwith participants from the Urban Unit & Aljazari Academy.

WATER AND SANITATION SERVICES COMPANY (WSSC) ABBOTTABAD



WATER SUPPLY:

WSSC Abbottabad signed Services & Assets Management Agreement (SAMA) on 8th April, 2017 with Tehsil Municipal Administration and Public Health Engineering Division Abbottabad. In the due course of time, handing / taking over of assets by WSSCA, completed on 14 May, 2017.

Public Health Engineering Division Abbottabad handed over 49 tubewells out of which only 25 units

were in working condition while remaining 24 were out of order, most of them needs major repair. While WSSCA received around 28 tubewells from Tehsil Municipal Administration Abbottabad out of which only 5 were in working condition. However, most of area that was covered by TMA, is dependent upon Water Supply JICA Treatment Plant facility with total capacity of around 16,000 m³/day. The plant is being run by Public

Health Engineering Department under separate division.

Total water supply demand of Abbottabad city is around 34,000 m³/day while Gravity Flow system is now a days during this dry season is supplying 9,000 m³/day, while another 11,000 m³/day is being supplied by the operational tubewells. There is shortage of around 14,000 m³/day.

It is an immediate challenge for WSSCA to balance provision of the shortfall through the tubewells by carrying out necessary maintenance.

WSSCA working on several long term water supply initiatives which upon successful implementation enable itself to provide enough and clean water to inhabitants of city of Abbottabad.

SOLID WASTE & SANITATION:



WSSC Abbottabad providing solid waste and sanitation services to 04 union councils of Abbottabad City. After taken over the charge from TMA Abbottabad, WSSCA have improved services in these areas, before it was handed over on 8th April, 2017, collection of garbage was amounting to 18 ton, while in modest time of one and half month WSSC Abbottabad improved the collection to 40 ton, which is more than one hundred percent. Total garbage is about 65 ton, and we are targeting to make maximum within next six months.

After isolation of existing Intermediate Lift Station at Chungi No 9, sewage will be disposed of into WSP through Sullage carrier.

WATER AND SANITATION SERVICES COMPANY (WSSC) KOHAT



The Water and Sanitation Services Company (WSSC) Kohat is one of the Seven Companies established by Government of Khyber Pakhtunkhwa registered under the Section 42 of Company Ordinance 1984 with the Securities and Exchange Commission of Pakistan (SECP). The SAMA between KDA/ TMA Kohat, WSSC Kohat and Provincial Government is signed on 25th January 2017. Under this agreement WSSC Kohat has started work from 1st Feb. 2017 when TMA Kohat & KDA deputed 385 staff of Sanitation and water Supply to this Utility.

VISION STATEMENT



"To be the international standard Company working to change lives and bring pride to communities through provision of water and sanitation services"

COMPANY GOAL

The Goal of the Company is "to provide quality water and sanitation services at commercially and environmentally sustainable levels to the delight of our customers and other stakeholders".

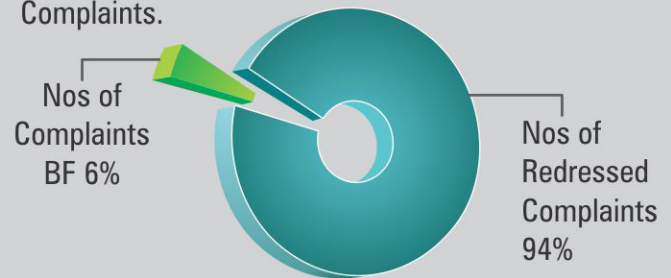


ACTIVITIES UNDER TAKEN BY WSSC KOHAT

- Establishment of Complaint Cell.
- Removal of solid waste old dumps.
- Replacement of rusted pipeline.
- Removal of Encroachment from Secondary drainage system.
- Larvicidal Spray in drains and dumps and collection points.
- Manual desilting of Drainage system before arrival of Monsoon.
- Mechanical Dredging of Primary and secondary drainage system before arrival of Monsoon.
- Initiation of Annual maintenance of Water Supply and Sewerage/ drainage system.
- Introduction of new Billing System for Water Rate and conservancy charges .
- 25% of Water quality tests conducted.

PROGRESS AND COMPLAINT REDRESSAL

Chart Showing the Percentage of Redressed and BF Complaints.

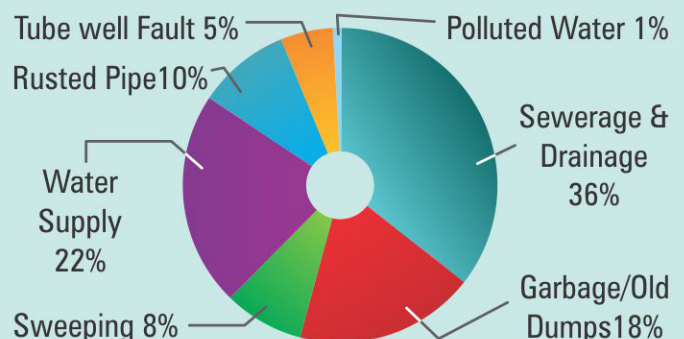


- Total 898 nos of complaints received.
- 564 nos of Sanitation Complaints.
- 342 nos of Water Supply Complaints.
- Complaint redressal rate is 94% (837 nos).
- Brought Forward (BF) Complaints 6% (61 nos).
- Maximum of 36% of Sewerage & drainage complaints.
- Most of the BF Complaints are of Rusted Pipeline

Future Planned Activities

- The First Utility in KPK to formulate and approve the Outsourcing of Solid waste Management along with Sewerage and Drainage system which is now in Pre-qualification stage.
- Replacement of GI Pipes with HDPE.
- Renovation of Tube Wells Chambers.
- Installation of Bulk flow meter on Tube Wells.
- Restoration of Existing Spring Water Supply Scheme.

Showing Different Nature of Complaints in Percentage



PUNJAB SAAF PANI COMPANY (PSPC-SOUTH) LAHORE



INTRODUCTION

The quality of ground water sources and aquifer in Punjab has been

deteriorating due to excessive extraction, unplanned industrialization and environmental degradation from agricultural activities and inadequate sanitation arrangements. The situation has led to increased incidences of mortality and water-borne diseases.

To address the alarming situation, Government of the Punjab established Punjab Saaf Pani Company (South) as Special Purpose Vehicle (SPV). The organization is a public sector company, incorporated under Section 42 of the Companies Ordinance 1984, and wholly owned by the Provincial Government of Punjab, Pakistan. The Company has mandate to plan, design, execute and manage projects for provision of

safe drinking water in the underserved rural, semi-rural and peri-urban areas of the province. The Punjab Saaf Pani Programme involves the design & development of projects for safe drinking water supply through renowned International Engineering Management Consultants (EMCs) as per WHO guidelines to the underserved rural, semi-rural and peri-urban areas of Punjab province. The organization is focused to develop localized and customized solutions, with regard to sources, treatment technologies and supply options and sustainable O&M models through community engagement and participation.

PROJECT DEVELOPMENT & DESIGN

PSPC (South) has hired reputed International Engineering Management Consultants (EMCs), who are developing the detailed Engineering design of the project. These include: M/s Fichtner (Germany), Artelia (France) and Japan Techno (Japan), which are working in collaboration with ECSP. These firms are responsible for field investigation, baseline data collection, detailed engineering design, BOQ preparation, procurement processes etc. During the execution of project, EMC will supervise the construction activities and process the Interim Payment Certificates (IPCs) of contractors.

SCOPE OF WORK

PSPC is working to execute Punjab Saaf Pani Programme in a phased manner. In first Phase, PSPC (South) is launching projects in 27 tehsils of 9 districts. Phase 1 is planned to serve 5423 villages with an estimated number of 1319 water sources and 7772 water dispensing units. The total estimated cost for 27 Tehsils is approximately Rs.100 billion PKR. The PSPC plans to float the contracts on BOQ basis, i.e Red Book contracts.

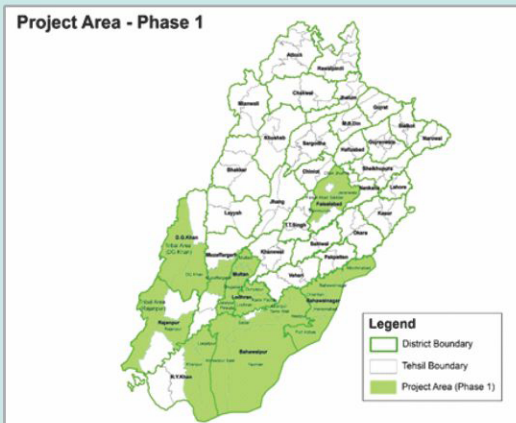
The Scope of Work will include the following:

- i. Execution of project(s) including tube well boring, procurement & installation of pumping machinery, construction of pump house with its internal and external electrifications complete with the water treatment option (Composite, RO, UF or Package Plant etc.) designed for the solution
- ii. Testing and commissioning of the water supply system
- iii. Laying of rising main/distribution network, wherever required
- iv. Construction of Saaf Pani Markaz (dispensing units) with low/high level reservoirs and ancillary civil works
- v. Full operation and maintenance of the water supply system up to 05 years period (extendable) after satisfactory commissioning and testing of complete water supply system.

EXECUTION OF PROJECT THROUGH INTERNATIONAL CONTRACTORS

Punjab Saaf Pani Programme envisages the execution of projects through world renowned contracting firms. Punjab Saaf Pani Company (PSPC) is carrying out International Competitive Bidding for hiring of well reputed contractors. The process involves the following steps as per PPRA Rules and FIDIC guidelines.

- Advertisement for pre-qualification in National and International Newspapers
- Pre-qualification of firms
- Issuance of RFB to prequalified firms
- Finalization of legal and contractual arrangement for award of contracts



WAY FORWARD

The pre-qualification of International contracting firms for 8 tehsils of South Punjab (Tribal Areas, DG Khan, Rajanpur, Muzaffargarh, Lodhran, Khanpur and Hasilpur) is in process.

An encouraging response from International bidders has been received. Notice for prequalification for remaining tehsils will be issued in July, 2017. Government of Punjab

aims to finalize award of contracts of Phase 1 by end of November, 2017. The average time for construction for each contract is planned to be 10 months.

Punjab Saaf Pani Company (South) Phase-I

Sr. No.	Tehsil	District	Rough Cost Estimates (Million PKR)	Sr. No.	Tehsil	District	Rough Cost Estimates (Million PKR)
1	Jaranwala	Faisalabad	4974	15	Fortabbas	Bahawalnagar	2740
2	ChakJhumra		1476	16	Minchinabad		3779
3	Faisalabad Sadar		4619	17	Haroonabad		2145
4	Samundri		2799	18	Multan	Multan	10869
5	Lodhran	Lodhran	2629	19	Shujaabad		4848
6	KahroraPakka		2927	20	Jalalpur		4840
7	Dunyapur		2067	21	Khanpur	R.Y. Khan	4139
8	Bahawalpur	Bahawalpur	3956	22	Liaquatpur	Muzaffargarh	4924
9	KhairpurTamewali		2140	23	Muzaffargarh		4845
10	Hasilpur		1300	24	Rajanpur	Rajanpur	2018
11	Ahmadpur East		6116	25	Rajanpur Tribal Area		2109
12	Yazman	Bahawalnagar	2620	26	D.G. Khan	D.G. Khan	4306
13	Bahawalnagar		2822	27	D.G. Khan Tribal Area		2109
14	Chishtian		2683				

PWON Participated in PACOSAN-III

From April 5th-6th, 2017, PWON Chairman Syed Zahid Aziz and National Coordinator Participated in 3rd Pakistan Conference on Sanitation (PACOSAN) in

Islamabad. The Conference was organized by Ministry of Climate Change as a step forward towards GoP's efforts to implement SDG 6 on clean water and sanitation. The

agenda for the 7th South Asia Conference on Sanitation (SACOSAN) was also defined in the conference, that will be hosted by Pakistan in 2018.



PWON Gallery



NATIONAL COORDINATOR

Pakistan Water Operators Network (PWON), PWON Secretariat, WASA HEAD OFFICE Zahoor Elahi Road, Gulberg II, Lahore
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