

WASH Program 2019



**JOINT DEVELOPMENT ASSOCIATES
INTERNATIONAL**



WATER ACCESS, SANITATION, HYGIENE & NUTRITION PROGRAM



2019 HIGHLIGHTS

12

Hand pumps were repaired

16

Wells drilled giving access to clean water

51

Men trained in hand pump repair and maintenance

1.412

Sawyer PointOne filters distributed. 1,149 filters were distributed to Charkint as part of drought relief.

23,305

People obtained access to clean drinking water through the installation of 16 new wells and Sawyer Filters

743

Men trained in Hygiene & Nutrition

2,861

Women trained in Hygiene & Nutrition



CLEAN WATER ACCESS

JDA has continuously worked with communities in northern Afghanistan to provide them with a clean drinking water source. This year, we were able to install 16 new wells and hand pumps giving access to drinking water to 16, 245 people. Five of these wells were drilled in schools benefiting about 6,885 students. The average depth of each well is 67 meters and the average cost per well was \$1,925.





Sawyer PointOne filters were used as an alternative solution for providing clean water to those communities where ground water levels made drilling a well impossible.



During the summer, JDA distributed 1,149 filters among residents of Charkint district, which was one of the many districts affected by drought in Afghanistan. The people of Charkint rely on polluted water dams and snow melt saved in cisterns for drinking water. Poor drinking water quality led to several water-associated diseases that affected most of the population, especially children.



Beneficiaries received the water filter and were instructed on how to properly use it. They also received information on good hygiene practices and awareness on water-associated diseases like diarrhea, giardia, typhi, and e-coli.

Since they began using the Sawyer PointOne filters, the local clinics have reported more than a 70% decrease in water-associated diseases.

HYGIENE & NUTRITION



"We reached 2,861 and 743 men with hygiene and nutrition training."

Hygiene and Nutrition training promotes good hygiene and nutrition habits. Men and women learn how they can prevent the spread of germs and disease in their households and how to incorporate a variety of fruits and vegetables into their meals.



OUR STORIES

ADELA

" After each Hygiene & Nutrition lesson, I would show the handouts to my children and explained the lesson for the day. The images were very effective and my children understood about germs and the importance of good hygiene.

My children immediately made changes in their lives. They no longer walk around the yard without shoes. Hand washing with soap has become a habit for all of us in the family and we no longer drink water from the well without boiling it first."

SADIQ

" We collected water from a pump beside the mosque, but our children always suffer from diarrhea. The hygiene lessons helped me become aware of microbes and their transmission. I understood that the close proximity of the pit latrine to the water well contaminated our drinking water. As a community, we decided to close the latrine to prevent water contamination. The water has now been tested, and it is completely clean."



ABDUL

" In my household, we would eat the remaining dinner for breakfast the following day, My children were constantly suffering from diarrhea and vomiting.

As I became aware of germs and their transmission through hygiene lessons, I realized that our daily hygiene practices affected our family's health. I learned the symptoms of intestinal worm, and immediately concluded that my children had the same symptoms. I took them to the doctor to be tested and the results showed the existence of worm. They were given the necessary medicine. Their health is food now. I make sure our family meals are stored in a cold place and covered."

ASIF

" In the season of fruits, our children always became sick with diarrhea. I began to forbid my children from eating fruits and vegetables because I believed eating them was making them sick.

I participated in the hygiene and nutrition training and learned that fruits and vegetables must be washed before eating because of germs. I then understood that consuming unwashed fruits and vegetables was the cause of my children's illness.

I enjoyed the lessons. I thought it was great and necessary information for us to learn so that we can begin to make the best practices for our health. We consume more fruits and vegetables and my wife and I make sure they are completely washed with a chlorine solution to kill the germs."



MARINA

" My neighbor invited me to participate in Hygiene and Nutrition lessons. She was hosting the training in her house. I was hesitant to attend, but she insisted.

I am very happy I went to the training. I became aware of many things that I commonly ignored. I would not drink any water. Only three to four cups of tea a day. I had painful headaches, especially during the hot summers. I even went to a Mullah (leader of the mosque) to seek treatment, but nothing worked.

One of the things I learned from the training was the importance of drinking water to stay hydrated. I drink plenty of water now, and my headaches have dissapeared. "



REZAGUL

" I am a mother to seven children. I was very weak with each pregnancy. All of my meals were tea and bread. I had very poor nutrition during my pregnancies. It was through the hygiene and nutrition lessons that I understood how important the first 1,000 days of life in a child are.

I now make sure my children have proper nutritious meals and that they drink plenty of water. They are getting stronger and are healthy. "



Thank you for support!

Your donations have been used to provide clean water access and education about proper hygiene and nutrition in rural communities of Afghanistan. Together we have improved the lives and health of more than 28,000 people in 2019.