



JOINT DEVELOPMENT ASSOCIATES

Catalizing Transformational Development

Short Term Volunteer

We are happy to have Bill O'Brien as a short term volunteer. Bill is a Water Engineer from California who helped us conduct a well drilling and hand pump repair refresher training. A total of 13 trainees assisted from Afghanistan's Ministry of Economy (MoE) and Ministry of Rural Rehabilitation and Development (MRRD) as well as other government agencies. Having Bill O'Brien in the country was the perfect opportunity to teach how to properly drill and case a well.

The purpose of his trip was also to help complete well development in Shaqueq Balkhi Boys High School, located in Hesarak village of Balkh district. JDA had recently offered a puppet show for the school and saw the lack of water. Students were having to fetch water from long distances and the teachers were collecting money from the students to purchase clean water.

Bill O'Brien, Water Technician

The well was successfully completed and school administration and teachers were very appreciative and content. By drilling this well, more than 2,400 students have gained access to safe water and the opportunity for improved health.



Well drilling and hand pump repair trainees stand by new well in Shaqueq Balkhi School

Hand Pump Refresher Training

Hand pump technology is the best option for the water supply of rural communities and hand pump repair training can teach the participants to repair and troubleshoot the most common hand pump problems within their communities.

Hand pump repair is also a part of JDA-WASH program's vital activities to keep the hand pumps functional in order to provide safe drinking water for the intended communities who are committed to bring behavioral changes in their hygiene and sanitation practices.

Hand pumps are easily broken in most communities and can be left for months and even years without being fixed because people simply do not know how to fix them. JDA provides a better solution for resolving these problems. Through our three-day hand pump repair training program, people in our target communities learn to easily repair broken hand pumps and provide access to water sources that are desperately needed.

The first phase of hand pump repair and well drilling for 2015 is to repair the broken hand pumps for the communities where they have to walk miles daily to reach safe water. The training provided by JDA in March 2015, prepared them for any obstacles they may encounter in their communities. The lasting effect of this training will provide the inhabitants of participating communities a micro-business opportunity. JDA's plan is to empower locals to be trained as hand pump repairmen, who can earn a living while creating a sustainable supply of safe water for their communities. We empower them with the tools to be able to do it themselves.

Hand Pump Repair Group

This group of men participated in a 3 day interactive hand pump repair training, Mr. Bill O'Brien provided his expertise in this field.



Trainees receive a Hand Pump Repair Kit



Hand Pump Repair Kit

Pliers, metal cutting saw, saw blade, measuring tape, socket spanner, spanner, screw driver, wrench, gloves, fishing tool, file

