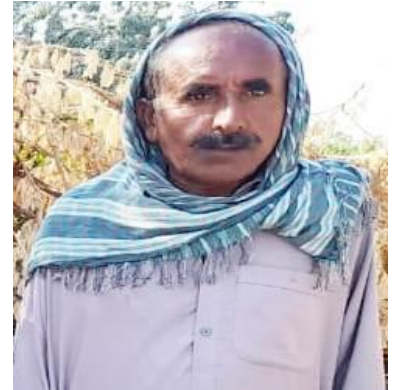




Association for
Humanitarian Development
Steps Towards Sustainable Development

Nadi Filter - The Life Changing Solution for Drinking Water

Mr. Ghulam Hussain lives in village Aaqib Chandio, Union Council Jhole, District Sanghar, Sindh, Pakistan. There are 52 households, and the approximate population is 364 who have been living there in village Aaqib Chandio for decades. All community members work on agriculture land with their spouses, and some of the villagers work on daily wages in the open market. The main livelihood of the community is agriculture and livestock. They utilize irrigation canal water for drinking, cooking, washing, and other purposes.



In Sindh province, most of the rural areas depend on canal water to fulfill their drinking water requirements. The families of the village of Aaqib Chandio also use this impure, contaminated water for drinking. So, most of the time, their family members, especially the children under the age of 6 to 7 years old, suffered from different kinds of diseases like stomach pain, vomiting, diarrhea, dermatologic issues, jaundice and hepatitis. During the survey, Association for Humanitarian Development (AHD) team identified that the community of this area mostly utilizes brackish and dirty water. AHD team deliberated on this identification and provided the training for preparation of Nadi Filter to the villagers of Aaqib Chandio village. And provided them information, communication, and education -IEC material for awareness for "safe drinking water" and its importance. AHD field team, during training directly involved with the community in the preparation of the "Nadi filter" to acquire "clean water for drinking and cooking purposes."

In the feedback session with villagers after the adaptation of "Nadi Filter" water, Ghulam Hussain who is the first man in village Aaqib Chandio to use Nadi Filter informed the AHD team members, that villagers of villager of Aaqib Chandio have brought a change to their lives. The taste of water is very good; it is fresh and pure water, which they could get every time from the Nadi Filter unit. The villagers have got rid of waterborne diseases, especially the health of the mother and children, which has immensely improved. Now the people have saved their money, which they spend on medication. They are all grateful to the AHD team for providing them with a life-changing solution for their everyday life.



Ghulam Hussain with family members showing Nadi Filter



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Nadi Filter – Easy to Use and Appropriate in the Context

Mr. Allah Bux is a resident of village Mahur Mallah Talukka Jati; district Thatta, Sindh, Pakistan. His family has been facing a dreadful situation after floods; they lost all their crops, assets, livestock and their houses were fully damaged. The villagers and communities used canal water for drinking purposes, which is very contaminated. Because after floods in Sindh in the year 2022, stagnant water mixed in the flood and canal water became more dangerous for their drinking as well as their daily use. "Allah Bux talked about his sorrows with AHD team, and said that his village and family's women and children are undergoing hazardous health problems; and they are suffering from different kinds of skin, abdomen, and water borne diseases. Children have not yet recovered from diarrhea, gastroenteritis, or typhoid since many months.



**Allah Bux pouring water
in Nadi Filter**

Association for Humanitarian Development (AHD) under its Emergency Response program, immediately responded to the villagers of Mahur Mallah. AHD team visited their village, organized a community meeting. In that meeting AHD and villagers kept drinking water and food on a priority among their other needs. AHD team suggested the villagers to adopt Nadi Filter for their urgent need of safe drinking water to keep their women and children healthy.

Along with Nadi Filters, AHD provided the residents with ration (food items) and non-food items (mosquito net, soap, and shelter) as well. AHD understood that only provision of Nadi Filter doesn't cater water needs but the villagers must undergo the training process for the preparation of Nadi Filters – based on bio-sand water filter technology. AHD team selected

some 20 members from Allah Bux village and provided them Nadi filter training of trainers (ToT) training. The training was rolled out further by the trainees. Within days, all 56 families of village Mahur Mallah installed Nadi Filters in their houses and started drinking safe and clean water at their village level.



Women from Mahur Mallah village showing Nadi Filter

AHD mobilization team further visited the village and confirmed that 100% usage of Nadi filter water for drinking purposes by whole village households.

Allah Bux went an extra step ahead and covered his Nadi filter with a jute bag, which kept his Nadi Filter cold. His family enjoyed cold, safe and clean water. He is very thankful to the AHD staff for their cooperation and training.