



## CASE STUDY

### DelAgua Kit Training in Manica Province, Mozambique

#### THE TEAM

[Village Water](#) supports local partners to carry out hygiene and sanitation promotion. Together they improve water access and train communities so they can maintain the changes after they have gone. They also work with local authorities to co-design projects that they know will benefit every community, whilst also strengthening a wider district plan.

For this project Village Water is working with partner WATSAN Mozambique to bring clean water to Manica Province and aid emergency efforts after Cyclone Idai.

Mr Jose Pedro (a local council water technician) took part in water quality training using the DelAgua kit on the 21st May 2019 in Chimoio, Manica Province.



#### BACKGROUND

Mozambique is home to 28 million people, but over half have no access to safe, clean water. Waterborne diseases are caused by drinking contaminated or dirty water. Contaminated water can cause many types of diarrhoeal diseases, including Cholera, and other serious illnesses.

Village Water is working to bring clean water to Manica Province by promoting manual drilling of wells – one of the cheapest and safest way to reach remote areas. They also provide training and support to ensure the communities always have access to safe water.

Village Water purchased a [DelAgua Bacteriological Kit No.3](#) in 2019 to be used to regularly monitor the water points and ensure the safety of the water provided. The water quality test results are then shared with Government and other interested parties, this makes the clean water project more accountable. Village Water and the local partners are committed to continue testing the water quality to ensure that all their wells produce safe water.



#### KIT TRAINING

WATSAN Mozambique carried out a DelAgua kit training session on the 20th to 23th May 2019. The session began by introducing the kit and learning the theory behind why we need to test water. The group also watched the [DelAgua training videos](#) to show each step of setting up the kit and how to process samples. The group were able to ask questions to their trainer Blessing Kasiwani.

Trainee Jose Pedro said “For the samples we used bottled water and the results of course were perfect because there was no contamination in bottled water. We found many in other samples which we contaminated deliberately by mixing in cow dung. It was very interesting.”



#### NEXT STEPS

The team hopes to expand on their new skills and use the additional equipment supplied with the Bacteriological Kit to test for other parameters including iron and phosphate.

Now the team is trained the kits will be used to monitor the water quality of the wells that have been installed already.