

charity: water Partners Use Aquagenx Water Quality Test Kits



charity: water

charity: water is a non-profit organization bringing clean and safe drinking water to people in developing countries.

www.charitywater.org

Problem

charity: water operates a global Monitoring & Evaluation effort called the MAP Framework. This comprehensive monitoring framework collects information on water, sanitation and hygiene, including drinking water quality, of charity: water funded work. They fund work in many remote places where it is difficult to collect water quality information and is not always feasible to transport samples to a laboratory.

Solution

Some charity: water implementing partners have used the Aquagenx CBT *E. coli* Kit and Aquagenx portable field kits for on-site testing to monitor work funded by charity: water. Partners using Aquagenx portable water quality testing products to date are located in Ethiopia, Uganda, Malawi, Mozambique, Niger, Nepal and India.

The implementing partners have used the Aquagenx CBT *E. Coli* Kit and field kits to test water quality and flow rates of water points in three situations: 1) sources used in areas before new drinking water infrastructure is built; 2) sources built with charity: water funding in the same communities; 3) re-visiting projects that were built up to 10 years ago.

Some of charity: water's partners have used the Aquagenx CBT *E. coli* Kit with the mWater mobile app on smart phones to automatically calculate Most Probable Number (MPN) test results. Using CBT Kits with the mWater app lets users record test results quickly and easily. charity: water has trained survey enumerators with no previous water quality testing experience to do the tests themselves in the field with Aquagenx test kits.

Results

Test results from Aquagenx portable water quality test kits have demonstrated water points charity: water has funded have better quality than alternative drinking water sources.

Anna Murray, Monitoring and Evaluation Manager at charity: water says, "Aquagenx products offer a balance of high quality information while being easy to use. They have helped both charity: water and our implementing partners understand the impact of our work."