

Kahuho Community

completion report



Project Details

Project Completed: 2024

Population Impacted: 2,200+

School Population: 160+ students

Project Location: Laikipia County,
Kenya



Kahuho is a resilient and closeknit community of over 2,000 people. With 166 students - 93 boys and 73 girls - and 15 dedicated staff members, the community's primary school plays a vital role in shaping the future of the region. Until recently, however, the community faced extreme water scarcity. Residents were forced to walk more than four kilometers to collect contaminated river water, and the school relied on inconsistent rainwater collection or costly water purchases during dry seasons. These conditions led to frequent water-borne illnesses and interrupted learning for students who often had to spend valuable school hours fetching water.

With the completion of this transformational water project, life in Kahuho will change dramatically. The community now has access to clean, reliable water, improving health outcomes and significantly reducing the prevalence of illness. Students are more focused and able to remain in school consistently, no longer burdened by the task of collecting water or suffering from preventable diseases. The school and broader community are also beginning to invest in farming and kitchen gardens, which will provide regular meals for students and create new opportunities for food security and local economic development. Women and girls, in particular, now have more time to pursue education and income-generating activities, setting the stage for broader gender equity and empowerment.

This new water source is more than a well - it is a foundation for growth, resilience, and opportunity. It marks the beginning of a stronger, healthier future for Kahuho, and the ripple effects of this project will be felt for generations. Thank you for helping make this lasting transformation possible.



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Technical Overview

Borehole Depth: 150 meters

Total Yield: 24 m³/hr

Water Quality: no treatment required (per WHO standards)

Project Infrastructure: solar powered submersible pump, 6m tall elevated structure with 10,000L of storage, distribution to primary school kitchens, classrooms & handwashing stations, cattle trough and community water kiosk

Maintenance & Trainings: Community Water Committee set up & management training completed, community onboarded onto app for maintenance checklists and support.



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Benedict - Age 14

Benedict loves English because he wants to help people with his words and actions. He's especially grateful for clean water because it means fewer stomachaches, fewer missed schooldays, and more time in class with his friends. "Now I don't get sick from bad water—I feel strong and ready to learn."

Rose - Age 14

Rose dreams of becoming a doctor one day - and she's already on her way. Her favorite subject is science, and thanks to a new clean water system at Kahuho Secondary, she can now focus fully on her studies. Before, she had to walk 2 kilometers each day to fetch water, often missing school. "Now, I have time to study and prepare for my future," she says.

