



## APPLICATION BULLETIN GHANA

### Clean Water Project Leklebi Duga, Volta, Ghana

Ghana is rich in natural resources and has one of the strongest emerging economies in Africa. The capital city, Accra, is one of the most modern cities on the continent, and is experiencing a period of rapid growth. Ghana is rapidly urbanizing. Despite this, most of Ghana's poor live in rural areas without basic services such as health care and clean water. ([www.countrystat.org/gha](http://www.countrystat.org/gha))

Leklebi Duga, is a small rural community situated 5 hours North of the capital city, Accra in the Volta region of Ghana. Duga is the lead village of many surrounding communities and home to their tribal Chief. The Chief and tribal leader has the responsibility to oversee the health and wellbeing of his tribe. Duga is home to Leklebi Senior High School. Attended by a combination of day and boarding students it is home the region's educational base and 800 students.

The community accessed water from an outdated system of boreholes using a hand pump. After many years the bore holes have fallen into disrepair and the source water is now contaminated and unsafe to drink. The poor water quality causes illness and suffering reducing, employment and education opportunities for the community.

Venture Force, a UK provider of overseas expeditions, led a small team of dedicated students to Duga where they installed a SkyJuice SkyHydrant water filtration unit over the existing borehole located at the school. Together with a header tank, storage container and pump the students now have access to clean water in excess of 12,000 litres each day. This valuable community asset will be operated and maintained by the school and community.

The work has resulted in not only clean water, but also forged strong bonds between the region, its people and Venture Force who are in the process of organising follow up expeditions to install further SkyHydrants in the regions Medical Clinic, surrounding village centres and a small orphanage.

Partnerships and networks are increasingly recognised as effective means of achieving development goals, such as safe water and sanitation. This project illustrates how the collaborative efforts of Venture Force, SkyJuice Foundation and a donation from Siemens Water Technology employees made a real and immediate difference to the lives of those living without access to safe water and sanitation.

