



SkyJuice Water system - Na La Secondary School, Xaignabouli Prvince, Laos



The small students carry the small tools...



...and the older boys help with the heavier material



A Childs Dream now has a specialist for the SkyJuice safe water systems. Here they show the students how to put the system together



The interest in the new safe water system is very high... The school children and local villagers have never been able to turn on a tap and have safe, potable water



The team is separated in two groups who help each other. The system is quick and simple to erect, especially with so many helpers!



Half way...the water tanks are fitted into the tower



Next step...The self closing taps, water trough and hand wash facilities and accessories are fixed to the SkyTower (light weight anodised aluminium water tank stand which is erected on site)



The SkyHydrant water purification unit from SkyJuice gets installed. The SkyHydrant can filter up to 1000 litres per hour of safe water. Operations and maintenance are simple and manual.



Excitement builds up...



...and finally the first drop of water

Safe clean water for everyone. The SkyJuice system will last for many years. The Ultrafiltration membrane is designed to be cleaned but not replaced, therefore there are negligible ongoing costs for the school and community

Pon is washing his face 😊

Photos courtesy Childs Dream

Background information:

Water system - Na La Secondary School, Xaignabouli Province, Laos.



The Na la Secondary School building and water and sanitation project was scoped and managed by A Childs Dream (www.childsdream.org) Child's Dream is a charitable, not-profit organisation dedicated to empower marginalised children and youth in the Mekong Sub-Region, which includes Burma, Laos, Thailand and Cambodia. A Childs Dream works in partnership with communities to improve their educational and health situation for their children and youth.

Originally established in 1976, the Na la Secondary School had to move three times as it was difficult to access. Being a government school, the Laotian government had supported the school with zinc for the roof. And in 2002, a Japanese Buddhist Organisation had built the first building for the school. However, the school still lacked clean water and it was too small for the large number of students coming from the 14 surrounding villages (most belong to the Hmong, Khamu and Yuan ethnic minority groups).

A Childs Dream built additional buildings with classrooms that are equipped with furniture, four toilets and a SkyJuice water system. The villagers assisted in the construction and a professional construction team managed the actual construction and supervision (<http://childsdream.org/projects/project-detail/na-la-secondary-school>) The school and the surrounding 14 villages now have access to continual, safe free water. The new water and sanitation facilities will lead to decreased absenteeism from school due to water borne illnesses and give the children greater opportunity to learn. Within the community less money is spent on doctors and medication for diarrhoea and water borne illness.

Project sponsors and Supporters:

A Childs Dream

Credit Suisse Asia Pacific - major project partner sponsor

Siemens Netherlands donated the SkyHydrant water purification unit.