



## APPLICATION BULLETIN

### ACEH PROVINCE - INDONESIA

The SkyJuice™ Foundation has supplied two SkyStation units to Aceh Province in Indonesia, after the Boxing Day Tsunami in December 2004. The deployment of the SkyStation at Ujong Tanjung School in Melauboh was a joint initiative between several organizations. The outcome of the project was that students of the school and immediate community were presented with a fully integrated, sustainable solar powered potable water system.

The [SkyStation](#) (see SkyStation specification sheet for further details) system installed at Melauboh was a response by several organizations that were keen to see a world's best "environmentally sound" water solution in response to the tsunami. The students now have an automatically regulated SkyHydrant system. The total package is integrated into a SkyStation design for minimal maintenance. Apart from monthly sanitation of the filter (2 hour exercise) the plant requires no operation or chemicals. The feed water is a shallow bore which can now be safely and reliably used without the concern of immediate fecal contamination from surrounding latrines. This SkyStation™ has become a benchmark design and is currently being evaluated as a unit for the Millennium Development Goal (MDG) design for developing nations. The unit can be upgraded to an operating configuration for 2000 people using the solar PV cell design.



**Melauboh Community**



**Ujong Tanjung School, Melauboh**



**Fully integrated sustainable  
SkyStation Water Treatment Unit**

Thanks and appreciation is extended to the following organizations that contributed to the two units in Melauboh, Indonesia. These organizations donated funds and resources to the project which was completed in December 2005:

- Project Director – Larry James
- Crown Project Services, Sydney
- SHOROC
- Aid4Aceh