

NEWSLETTER

Welcome to the SkyJuice Foundation e.newsletter where we keep our friends and stakeholders updated

Highlights for 2009

2009 marked an impressive year of achievements for the SkyJuice Foundation. Our achievements and progress would not be possible without the ongoing support of our growing team of committed volunteers, supporters, friends and associates.

SkyJuice has further developed stakeholder relations with global agencies, non government organisations and community groups and built on the extensive installation base and experience gained since 2005. Production of the robust rota moulded SkyHydrant™ and expansion of our emergency response equipment range by Larry James has further developed our capacity to respond swiftly to natural disasters.

- ❖ International Aid & Trade Exhibition 2009 in Washington, USA
- ❖ 'Beyond the Pipe' Baltimore, USA
- ❖ Water & Sanitation Rotary Action Group (WASRAG) Conference, Birmingham UK
- ❖ International Conference on Water Supply in Emergencies, Karlsruhe, Germany
- ❖ SIWW – Singapore International Water Week

As we head into 2010 we have projects in the pipeline in Africa, Asia, the Pacific and South America and look forward to reporting on these in our next newsletter.

Chairman's report

Firstly, a warm thank you to all of the SkyJuice Foundation partners and friends for your ongoing support in 2009. It has been extremely satisfying to see the fruits of many years of development work culminate this year. After a considerable and extended development effort we now see the impressive mark 3 SkyHydrant™ up and running. It is a durable and robust unit. In fact, over 250 units have been dispatched this year. To date, there are over 600 units in 30 countries, and we are yet hit our stride.

Now that development work on the core workhorse unit is complete, we can look more closely at the water kiosk designs and ancillary support packages. Larry, as usual, has been leading the way with innovative designs and tireless development. Both Larry and Michael have steadily refined our offerings to the stage where SkyJuice has a unique set of global solutions that truly meet sustainability and ethical benchmarks. In fact, world class. Well done fellows.

As you all know Jann makes the whole operation look seamless and effortless. We are all enormously grateful to Jann for wearing six hats and always translating to the highest standards and values that we all aspire to in our organisation.



Photo courtesy of Rotary Safe Water Saves Lives

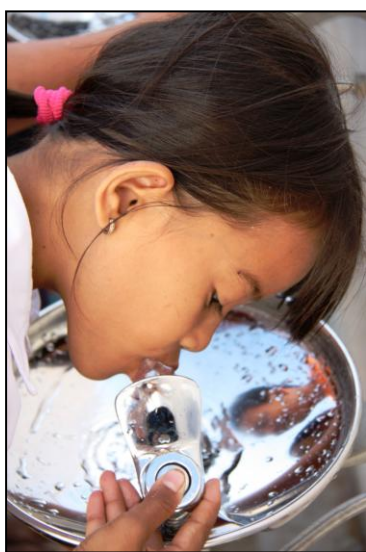
We have presented technical papers and exhibited at all the major global forums in 2009 in order to consolidate the mutually collaborative opportunities for the Foundation and our partners. Presentations have been uploaded on to our website; www.skyjuice.org.au

- ❖ IWA Development Congress in Mexico City

Thank you Jann again from everyone at SkyJuice. Yes there are others behind the scenes that make our organisation function effectively. To Wendy, David, Brian and others we also thank you for your commitment and long hours. David and Ian at Crown Project Services, our long standing sponsor, deserve a special thank you for continuing to underpin our office.

Next year we project that SKYJUICE will surpass 1000 units deployed. Of course each unit can have a significant impact on individual life circumstances. It is most pleasing to see we have extended our strategic partnerships this year. You will hear more about these in the newsletter. We have incredible partners with real passion to achieve life changing outcomes. Their energy and enthusiasm to achieve mutual outcomes is most satisfying.

*Photo courtesy Asia Water Foundation
Siem Reap Safe Water Schools Program*



I would like to extend thanks to the many individuals who make donations to our programs. We have employee groups, individuals as well as community groups that back our projects. Brent Hillier, Cynthia Brock and others have motivated colleagues, friends and family to make personal contributions to SkyJuice Projects. These donations underpinned projects that would not have been achievable without your support. We trust we continue to exceed your expectations.

On a more realistic note, it is somewhat sobering to realise that most of our responses and relationships are fostered during periods of emergency and disaster relief. These initiatives are important. We still share a firm and unequivocal position that more needs to be done to achieve long term safe global potable water for all peoples. Our continuing lobbying and dialogue will continue to ensure that major agencies understand the urgent and real need for safe affordable water. Stay tuned for 2010. SKYJUICE will unveil our Safe Water Enterprise

Initiative. People at the bottom of the pyramid can take control of their destiny if we provide them with ways, means and capital to achieve sufficiency in clean safe water. We will be active in releasing cost effective and sustainable equipment packages early next year.

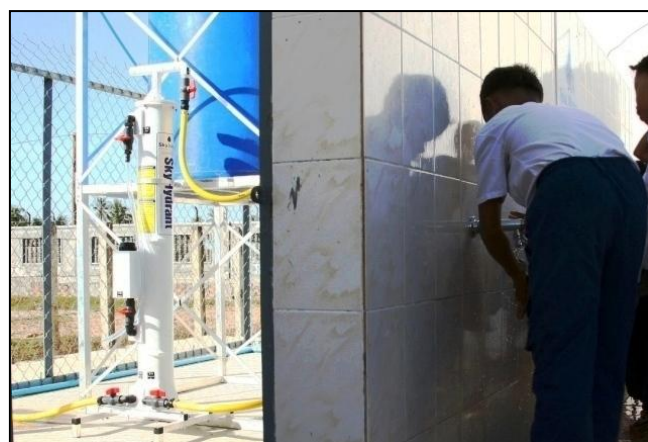
Rhett Butler
Chairman

Executive Officer's comments

The SkyJuice Foundation celebrated its 5th Anniversary this year. Every year the reputation of the SkyJuice Foundation grows as more and more people and organisations realise the true value of the work we do.

Looking back to the early days it is easy to smile at how little we knew about the challenges ahead, but the devastation wrought by the Boxing Day Tsunami brought home to us all the need for a low cost, reliable yet simple device that can provide potable drinking water quickly and safely. The original SkyHydrant™ met this need but we have since learnt that building a great device was only part of the solution of supplying safe water. We have spent a lot of time and effort in developing ancillary equipment and fostering relationships with 'in country' partners to ensure that our projects remain viable in the long term.

Each year we improve the SkyHydrant™ and develop our understanding of when, where and how, it can best be deployed. Tragically, every year, the work we do becomes more and more important due to the ever expanding need for clean water in places where natural disasters have destroyed what facilities had previously existed, and in places where the population is growing faster than the Government's ability to deliver appropriate infrastructure.



*Photo courtesy Asia Water Foundation
Siem Reap Safe Water Schools Program*

Over the past 5 years we have supplied more than 600 SkyHydrants™ globally and we can all justifiably be proud of this achievement. We now have a clear idea of the way ahead and are becoming recognised globally as a major player in the water sector. Paradoxically, the greater our success the greater the challenges we are likely to face. The day is fast approaching when the world will start beating a path to our door. Global recognition will present us with an opportunity to help more and more people in need. New opportunities always present new challenges but I believe that the team we have in place is like the SkyHydrant™ itself, adaptable, hard working and above all, extremely dependable. When I look at what we have accomplished and when I look at the way the team is able to achieve so much with such small resources, I know that together we can meet the challenges of achieving 'Pure Water for Every Child'

It is a rare privilege to be part of an organisation which does so much good in the world and I am proud to have the opportunity to work with such a resourceful and talented group of people.

Jann Hughes
Executive Officer

HIGHLIGHTS OF 2009 PARTNERSHIP INITIATIVES

EMERGENCY RESPONSE

- Padang, West Sumatra Indonesia



Devastation in the streets of Padang

An earthquake measuring 7.9 on the Richter scale devastated Padang in West Sumatra, Indonesia on September 30, 2009. More than 1,100 people lost their lives and major infrastructure such as schools, health facilities and the government owned waterworks were all seriously damaged, leaving the

community without access to safe water and health care.

SkyJuice Projects Director, Mr Larry James, travelled to Padang to assist in the coordinated emergency response. Larry worked closely with other agencies, including local NGO (Susila Dharma Indonesia), Australian NGO (Surfaid) and international NGOs (UNICEF and Arche Nova) to deploy five (5) SkyHydrant™ water purification units. Susila Dharma in Jakarta liaised with UNICEF and local operatives in sourcing the most appropriate locations for the SkyHydrant™ water treatment systems. The systems were quickly deployed and will remain as a medium term water supply for the communities.

Children enjoy safe water from the SkyHydrant™ in West Sumatra, post earthquake November 2009



- Bush Fires in Victoria, Australia

The bush fires in Victoria, Australia this year resulted in tragic loss of life and devastation to vast tracks of land, farms, towns and communities. Many rural communities rely on dam water for their drinking water and the ash and debris

contaminated the water supply. Siemens (Australia) Ltd were quick to respond to the emergency and donated six SkyHydrant™ units, one of which was deployed in a caravan park for rescue workers and the surrounding community, who previously had to rely on bottled water.



Photo courtesy Siemens Australia

COMMUNITY WATER SUPPLY

PARTNERED PROJECT: Asia Water Foundation (AWF) and the SkyJuice Foundation have worked together over the last couple of years to produce a safe water system for schools which includes a light weight bolt together SkyTower, wash station, safety enclosure and water hygiene program.

The SkyHydrant™ safe water system was developed for schools' programme because it is:

- *Scale-appropriate, an integrated solution for schools and surrounding community*
- *Standardization – which facilitates speed and ease of deployment*
- *Effective and affordable technology – the SkyHydrant™ provides robust, low cost high quality water filtration*
- *Sustainability – Training local operatives, spare parts included and project monitoring*
- *Deployment partner network - Engaging global/local NGOs and local enterprises. Community capacity building*
- *Hand wash education - Promoting behavioural change*

Projects have been successfully completed in Cambodia, India, Indonesia (Lombok) and China with further deployments planned for 2010.



• PARTNERED PROJECT: Vision Africa



A SkyHydrant™ was donated and installed by Vision Africa at Jordan House, an orphan care home in Kibira slums in Kampala, Uganda. Jordan House provides care for around 90+ live in children and staff as well as 200+ children who live with their remaining family members. Even though Jordan House is connected to Kampala water supply, all water had to be boiled prior to use as drinking the water resulted in children

contracting various water borne diseases including cholera. Having to boil water doubled the wood supply costs and it took hours of labour each day. The new SkyHydrant™ installation will greatly reduce the wood costs, save time and provide the surrounding neighbourhood with safe and clean water in times of flooding and outbreaks of cholera and typhoid.

The SkyHydrant™ has now been tested and approved for community water supply by the National Water Corporation in Uganda.



*Comparison of raw water and filtered Water from Lake Victoria
Photo courtesy Vision Africa*

WORLD WATER DAY: Tibet and China

Following on from the successful World Water Day (WWD) projects in Timor Leste in 2008, Siemens Water Technologies (SWT) and SWT employees again generously donated funds for WWD 2009. This year SkyJuice partnered with Asia Water Foundation to deploy 2 complete safe water systems in the Hope Orphanage in Tibet and an impoverished school in Hanwang Village in rural China. Prior to the safe water system, the children were affected badly by

worms, water borne parasites and sickness from diarrhoea.

Both projects have been embraced enthusiastically by the school children, teachers and local community. Anecdotally, it has been reported that absenteeism has been reduced due to improvements in the children's health since the SkyHydrants™ were installed.

We look forward to identifying further projects for World Water Day 2010.



Children from Hope Orphanage in Tibet making the most of their new wash station

Photo courtesy Asia Water Foundation

BULK WATER SUPPLY

- **Oxfam GB and IOM Sri Lanka**

The SkyJuice Foundation has a long established framework of relationships in Sri Lanka after supplying 200 SkyHydrants™ for the Boxing Day Tsunami disaster relief effort. Recent events in north-eastern Sri Lanka have led to the displacement of 300,000 people who are currently being held in internally displaced person (IDP) camps. Many of the existing SkyHydrants™ from 2005 were still being used and further SkyHydrants™ were redeployed at short notice to supply potable water for the camps. However, additional capacity was required for the ever expanding IDP camps.



Photo courtesy DFID – Menik Camp

SkyJuice has recently supplied Oxfam GB and the International Organisation for Migration (IOM) in Sri Lanka with single and multi-bank SkyHydrant™ units for Vavuniya and Menik Farm camps increasing the potable water capacity to 400 m3 per day.



Multi Bank SkyHydrants™ Photo courtesy Oxfam GB

GOVERNMENT PROJECTS

- **Ministry of Public Works and Utilities Kiribati**

The Ministry of Public Works together with SOPAC identified a dire water shortage for the 300 inhabitants of Banaba Island, Kiribati Republic. After much research, the SkyJuice water purification unit was selected, for provision of potable water from the existing water tanks on Banaba Island. The enormous water tanks were built by the British Phosphate Company when they used to ship phosphate from Banaba to Australia, then on the return journey ship water from Australia to Banaba. The tank water had been laying dormant for about four decades and was contaminated with algae, bacteria and debris.



David Hughes presenting a training certificate to Mr MOURONGO KATATIA – Public Works and Utilities in Kiribati

David Hughes travelled to Betio, Kiribati to train engineers from the Ministry of Public Works on the installation, operations and maintenance of the SkyHydrant™. Following successful commissioning of the test unit in Betio, Public Works and Utilities installed and commissioned the unit in Banaba as the island had literally run out of water, and had to ship in water each week.

CONTINUING PARTNERSHIPS and PROJECTS for 2010

- VeoliaForce Foundation, France
- Surfaid in Indonesia
- Australian Aid International, Timor Leste
- Arche Nova in Padang, Indonesia
- Child's Dream– Laos school project
- Asian Water Foundation – Safe Water Schools Project in Lombok, Thailand, Cambodia and Philippines
- CIUD in Kathmandu, Nepal – community water supply
- Save the Children, Angola – ten health clinics
- CARE in Indonesia
- Habitat for Humanity in Indonesia
- Red Cross Vietnam
- Face Africa International Monrovia Liberia
- Safe Water International
- Aquaya Institute, Kenya
- Pureflow, Kenya
- Vision Africa, Uganda and Sudan
- Siemens Stiftung
- Siemens (Australia) Ltd
- Noble Endeavours, Philippines
- Living Water Philippines
- Rotary International/Rotary Australia

THE EXCITING YEAR AHEAD

Access to clean water is the key to the Millennium Development Goals, as water is crucial to all forms of social and economic development. SkyJuice has, and will continue to, reach into rural and remote communities and respond quickly and effectively to natural disasters around the world.

Managing water resources and supplying safe water are two of the greatest challenges for the present generation. The ongoing enthusiasm of our members, volunteers and partners will assist us to continue our effort to provide pure water for every child. We look forward to your continuing interest, critical feedback and support in the coming year. Together we can make a real difference.

For further information please visit our website:

www.skyjuice.org.au

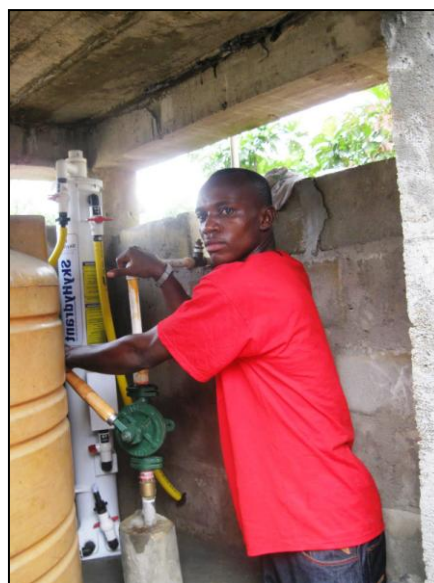


Photo courtesy Face Africa International



Photo courtesy Living Water Philippines