

UV Pure® Case Study	
Application:	Municipal/Institutional Projects
Solution:	Hallett® 13 system
Location:	Neuvo Paraiso, Honduras



Pure, safe water.
Always.

**“Making a Real Difference”
Elementary School in Neuvo Paraiso, Honduras, Receives The
Gift of Pure Safe Water. Always.**

Paradise, like beauty, is in the eye of the beholder. It could be rolling hills, lush valleys or beautiful beaches. For some, paradise could be giant mountains covered in snow or colourful coral reefs teeming with life below a calm, azure sea. But for those living in the third world country of Honduras, paradise is being rescued from the streets of Tegucigalpa, the capital city, and being given a chance at a new life in a community called Neuvo Paraiso.

Neuvo Paraiso or “New Paradise” is a small community project established 12 years ago by Sociedad Amigo de los Ninos in Honduras. Homeless mothers and children are provided with free housing, medical services and education while working on site at micro-enterprises including a brick factory, a plantain chip and jelly factory as well as in agriculture. Located approximately one hour south of Tegucigalpa, the community of 64 families is situated in a flat-bottomed valley and has a nursery school, kindergarten, elementary and high school. There is a medical clinic that also offers dental services and a community center.

What Neuvo Paraiso’s elementary school didn’t have -- until now -- is access to pure, safe drinking water.

Since the community’s inception, Neuvo Paraiso has had serious water issues impacting the health of the community – especially young children. Infants and small children whose immune systems are still developing have been plagued with illness due to parasitic pathogens, coliform bacteria, E. coli and contamination from snakes, mice, frogs and insects that get into the underground cistern water storage facilities.

“When I first arrived at Neuvo Paraiso I took a look around and realized that the water quality was truly terrible,” states Greg LeBreton, PhD. Environment Consultant with Aquatic Solutions. “The existing water system is poor at best using leaking plastic pipes instead of copper and many of the drinking water lines run through puddles of home waste waters - grey water - discharged directly onto the soil surface.

And the underground storage cisterns could only be described as containing bacterial soup.”

Volunteering his expertise to Real Difference, a Canadian not-for-profit organization established 25 years ago to bring medical assistance to the people of Honduras, Greg was responsible for installing a Hallett® 13 UV drinking water purification system in the community’s elementary school. Donated by UV Pure® Technologies Inc., the Hallett® 13 with patented Crossfire Technology™ and filter housing system were implemented in November 2002.

“The Real Difference organization relies on individual Canadians and Canadian companies to help solve the very real and sometimes life-threatening problems facing the people of Honduras,” explains Heather Gouin, Director, Real Difference.

“Instead of sending drugs to treat the community after they become ill from unsafe water we felt it would be better to tackle the problem head on and provide a solution that would eliminate the pathogens causing disease.

We approached UV Pure® Technologies because they have the most effective, simple to install and easy to maintain system in the world.”

Ron Hallett, UV Pure®’s Founder and CTO, established UV Pure® in 1998 to pursue development and commercialization of radically improved Technology™ for the disinfection of drinking water using ultraviolet radiation. After three years of research and development, the company unveiled the Hallett® with patented Crossfire Technology™, the world’s only self-cleaning, self-monitoring, fail-safe system.

