



US Water News

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UV system eliminates pathogens from drinking water

Honduras school kids receive gift of safe water from Canadian company

Donation shows company's commitment to clean water

TORONTO, Ontario — A Canadian company has donated water treatment equipment to an elementary school in Honduras to help provide safe water for the children attending the school.

UV Pure Technologies Inc., a global leader in the design, manufacture and distribution of next generation ultraviolet (UV) drinking water purification systems for residential, commercial and small community applications, announced the donation of their Hallet™ 13 system with Cross-fire™ technology to provide pure, safe drinking water for elementary students in Nuevo Pariaso, Honduras.

The system donation was made through Real Difference, a Canadian not-for-profit organization established 25 years ago to help the people of Honduras.

Nuevo Pariaso or “New Paradise” is a small community project established 12 years ago by Sociedad Amigo de los Niños in Honduras. Homeless mothers and children are provided free housing, medical services and education while working on

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.

Since the community's inception, Nuevo Pariaso 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.

“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.



Safe water. School children gather for a drink of cool, safe water at the elementary school in Neuvo Pariaso, Honduras. UV Pure Technologies, a Canadian company that manufactures ultraviolet purification equipment for residential, commercial and small community applications, donated the water purification system to the school. The company was approached by Real Difference, a humanitarian organization that relies on Canadian donations, to provide the system for the school.

site at micro-enterprises including a brick factory, a plantain chip and jelly factory, as well as in agriculture.

The community of 64 families is

Continued on Back Page

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Continued From Front Page

"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," said Gouin. "We approached UV Pure Technologies because they have the most effective, simple-to-install and easy-to-maintain system in the world."

With ANSI/NSF 55 Class A Certification, UV Pure's breakthrough Hallett systems with Crossfire Technology employ patented self-cleaning, self-monitoring, and fail-safe technology. Unlike conventional systems, the Hallett System contains two air-cooled ultraviolet lamps with 360° elliptical reflectors to focus deactivation rays on pathogens from every angle.

Maintaining a Hallett system is as simple as changing a light bulb. The patented self-cleaning mechanism eliminates quartz fouling and the fail-safe monitoring system, consisting of dual UV smart sensors and a computer-ac-

tivated solenoid valve, measures the UV lamp output as well as the water quality. Should water quality be compromised in any way, the automatic shutdown feature and built-in alarms ensure that



School day. School children at the elementary school in Neuvo Pariaso, Honduras enjoy better health and a better day thanks to safe water provided at their school through equipment from UV Pure Technologies.

pure, safe water flows through the tap always.

"The Hallett System was invented because I want to help prevent people from getting sick or dying because they don't have access to clean drinking water,"

explains Ron Hallett, Chief Technology Officer and Founder of UV Pure Technologies.

"With one child dying every three minutes in the world from drinking contaminated water, the issue is critical and we believe it is our moral obligation to help. Donating a Hallett 13 System to Nuevo Pariaso's elementary school is our way of making a real difference in the lives of these people."

UV Pure Technologies' Hallett™ systems are designed for communities of less than 5000 households, commercial uses, and residential installations.

The company's systems are installed in municipalities, embassies, resorts and golf courses, schools and hospitals, homes, cottages, and farms in North America and several third world counties.

For more information, contact Joanne Haywood, UV Pure Technologies, email jhaywood@uvpure.ca, website www.puresafewater.com, or call 888-407-9997.

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