



Davnor Water Treatment Technologies Ltd.

Emergency Response



Hundreds of 20 lph BioSand Water Filters on their way to Central America to provide safe drinking water to the victims of Hurricane Mitch.

Large capacity portable BioSand Water Filter based treatment systems are available.

HURRICANE MITCH

High-tech help on way

MIKE DEMPSTER
CALGARY HERALD

A life-saving shipment of high-tech Calgary water filters is winging its way on a Canadian military jet to Nicaragua, the Central American country devastated by Hurricane Mitch.

Last week's storm killed thousands of people in Central America and left hundreds of thousands stranded and helpless as mudslides and flooding battered Nicaragua, Honduras, El Salvador and Guatemala.

Clean drinking water is in short supply and waterborne diseases threaten helpless survivors, David Manz, said Saturday. The University of Calgary professor, who developed the filters, said the equipment could be in Managua, the Nicaraguan capital, as early as Monday.

Unsanitary conditions provide a breeding ground for numerous diseases, said Manz. Government health officials are especially concerned with cholera, malaria and dengue fever.

"Cholera spreads primarily through feces," said Manz. "If it gets into a stream above a community, that community has serious, serious, serious problems."

Even the rinsed water from someone washing soiled clothes can deploy the bacteria on a deadly rampage, he said.

- **Portable (smallest – 20 litres per hour) is light enough to be carried by one individual over rough terrain).**
- **Simple to operate and maintain.**
- **Effective.**
- **No replacement parts.**
- **Quality construction – very durable.**
- **Inexpensive to purchase, operate and maintain.**
- **Systems may be operated with or without special pumps or power supplies.**
- **Easy to transport and ship.**
- **Field-tested every day in the poorest and most logistically demanding regions of the world (used in over 60 countries).**
- **Appropriate, lasting legacy to the beneficiaries of emergency relief.**

vices missionary group. However, the roads are impassible and it will be at least another week before she comes home.