

PRESS RELEASE



LIVESTOCK WATER RECYCLING & THE UNIVERSITY OF CALGARY ARE ONE STEP CLOSER TO \$10 MILLION WATER PRIZE

FOR IMMEDIATE RELEASE

CALGARY, AB – (March 20, 2017) Livestock Water Recycling, in partnership with the Birss Research Group from the University of Calgary, has been named to a short list of finalists to win Stage One of the George Barley Water Prize. LWR's innovation team's submission included the Waterway Nanoshield solution that combines the proven clean water recycling ability of the LWR System with a revolutionary patented technology developed at the University of Calgary.

The George Barley Water Prize is a competition that will advance viable technologies through stages over the course of four years, awarding cash prizes along the way, and ultimately crowning one phosphorus removal solution with a \$10 million grand prize in 2020.



Florida dairy farmers have a vested interest in protecting wetlands, eco-diversity and other natural resources. For centuries, they have used traditional methods of manure management, and today, they are excited about evolving technology that will help them continue to reduce their environmental footprint.

The Competition brings a variety of phosphorus solutions to Florida where they are facing a major water crisis. In recent years, algae blooms have become commonplace in Lake Okeechobee, the largest freshwater lake in the state and the heart of the

Central Everglades. One out of every three Floridians, an estimated 8 million people, relies on the Everglades for their water supply. According to NASA, the algae bloom that grew last spring covered roughly 33 square miles of the lake, and was blamed for affecting water quality downstream all the way to the Atlantic Ocean.

With over 25 years dedicated to the protection of fresh bodies of water around the world, the Innovation Team at LWR is excited to be a part of finding a solution for Florida.

“Bringing our technology to the Everglades is very important to us.” says Charles Zhang, team lead on the project. “Florida is home to more than 130 dairy farms that are primarily owned and operated by second and third-generation farmers. We want to offer them a solution that will keep Florida dairy farmers farming sustainably for generations to come.”

LWR’s Waterway Nanoshield solution was among 77 global solutions that entered Stage One of the competition. The Everglades Foundation will host LWR, along with the other Top 15 competitors on World Water Day, March 22nd, in West Palm Beach, Florida for an exciting and educational ceremony with keynote speakers, a panel discussion and the awarding of the \$25,000 winner of Stage One.

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About The Waterway Nanoshield Solution

The Waterway NanoShield is an adaptable, cost effective, and proactive solution that captures phosphorus from livestock manure and recycles it into valuable fertilizer to protect the world's fresh bodies of water. For further information, visit: <http://www.barleyprize.com/#/search?q=nanoshield>

About the George Barley Water Prize

The George Barley Water Prize, presented by the Everglades Foundation, is the largest water prize of its kind. This prize will uncover new technologies that solve the global issue of excess phosphorus in freshwater. Participants will create cost-effective, scalable solutions that demonstrate creativity and an in-depth understanding of the science behind water pollution. They will compete for multiple sub-prizes awarded at check-in points throughout the multi-year competition, and ultimately a \$10 million grand prize. For further information, visit: <http://www.barleyprize.com>

About Livestock Water Recycling, Inc.

LWR is a first-class global manufacturer of manure treatment systems that provide hog, dairy and anaerobic digester operations with patented manure treatment technology to capture nutrients including phosphorus and nitrogen, and recycle clean water from livestock manure for reuse at the farm. North America’s leading provider manure treatment systems, the LWR system saves farmers time and money by providing them with a cost-effective solution to manage manure in a sustainable manner. LWR has systems operating throughout Canada and the US. For further information, visit: www.livestockwaterrecycling.com

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