



# PRESS RELEASE

## From City to Farm and Back:

### The LWR System Featured as a Canadian Solution at the Water-Food Nexus



#### FOR IMMEDIATE RELEASE

CALGARY, AB (Sept 26, 2018) – As the market leader in animal production waste recovery, Livestock Water Recycling, Inc. has been invited to participate on a panel at WEFTEC, that highlights Canadian solutions at the Water-Food Nexus.



*Water recycled from manure after the LWR treatment process on a dairy farm in Michigan.*

The global population is projected to reach more than nine billion by mid-century, and the demand for food is already a global challenge. This one-hour panel session, moderated by Dr. Peter Gallant, President and CEO of WaterTAP Ontario, will feature three water technology companies that are innovating to address the issues facing sustainable food systems and agriculture, such as food safety, water scarcity, and emerging regulatory requirements for managing nutrients and pollution.

Farmers need water to grow food and are increasingly looking into non-conventional water resources, mainly wastewater. Treated wastewater is a valuable source of both water and nutrients, contributing to water and food security and livelihood improvements. While there is inherent fertilizer value in manure, the recovery of this value is impeded by the dilute nature of the liquids and the co-mingling of the fertilizers.

In fact, the management of manure is one of the most difficult, expensive and potentially limiting problems facing the agricultural industry today. “Manure liquids are actually composed of 95% water” says Karen Schuett, CTO and Co-Founder of LWR. “This untapped water source is what made us dive into this industry and now we are working with forward thinking food producers to recapture that water and recover all of this lost nutrient value.”

At the height of the farm-to-table social movement consumers are demanding transparency. The LWR<sup>2</sup> is a patented technology platform that is designed to achieve optimized production, maximum crop yields, and a high return on investment, while minimizing the environmental impact of food production. This technology reduces greenhouse gas emissions and delivers a renewable, high-quality clean water source.



“We are honored and excited to have been invited to participate on this panel. We look forward to sharing our thoughts on how the livestock industry is adapting to increase global food production, and the important role that consumers play in this industry,” says Schuett.

WEFTEC is the Water Environment Federation’s annual technical exhibition and conference. It is the largest event of its kind in North America and offers water quality professionals from around the world with the best water quality education and training available today.

The panel will take place on October 2 at 3 p.m. at the Global Center for *From City to Farm and Back: Canadian Solutions at the Water-Food Nexus*. Ms. Schuett will be joined on stage by Dr. Patrick Kiely of Island Water Technologies and Dr. Ajay Singh of Lystek International. LWR is passionate about the work they are doing at the nexus of water and food and will be sharing case studies of success stories from farms who have implemented this technology.

LWR is a member of the Tech West Canada Delegation that is exhibiting in booth 907 in the Ontario Canada Pavilion. WEFTEC is held at the Ernest N. Morial Convention Center in New Orleans, Louisiana USA from October 1-3, 2018.

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#### **About Water Environment Federation**

The Water Environment Federation is a not-for-profit association that provides technical education and training for thousands of water quality professionals who clean water and return it safely to the environment. WEF members have proudly protected public health, served their local communities, and supported clean water worldwide since 1928.

For more information please visit: [www.wef.org](http://www.wef.org)

#### **About WaterTapOntario**

Created under Ontario’s *Water Opportunities Act* in 2010, the Water Technology Acceleration Project (WaterTAP) is a non-profit organization that brings private-sector experience and guidance to accelerate the growth and prosperity of Ontario’s water sector and champions the sector’s success stories globally. WaterTAP is Ontario’s water technology champion, bringing the private sector experience to the challenge of helping water technology entrepreneurs, utilities, and investors make the connections and find the resources they need to keep our water sector prospering. For more information please visit: [www.watertapontario.com](http://www.watertapontario.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 recycle clean water and fertilizer nutrients 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 more information please visit: [www.livestockwaterrecycling.com](http://www.livestockwaterrecycling.com)

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