



FAST FACTS

With Lisa Fast

AUGUST 2022

KARLEIGH'S KORNER

There has been a lot of talk this summer about **carbon and ecosystem markets** and how farms can engage with these programs. So much talk in fact that it can all become overwhelming and confusing very quickly. With so many players involved in these programs, I thought I would attempt to break it down for you:

- First and foremost, these programs rely on **Farmers and Agronomists** (*you and me*) who implement climate smart changes on the farm. These include adding cover crops, reducing tillage, or **implementing manure processing equipment!**
- Then the **service providers** step in to gather data and facilitate the programs, acting as a liaison between the farm and the verifiers.
- The **Verifiers** are the ones who set the methodology for the data collection based on the implemented changes on the farm.
- Finally, the **Project Developers** bring everyone together to create regional projects.

If you want to learn more about these carbon and ecosystem markets and the revenue opportunities that they present, I encourage you to reach out:

karleigh.lewis@livestockwaterrecycling.com

(403) 203-4972

AUGUST WAS ANOTHER BUSY MONTH AS MORE FIRST WAVE SYSTEMS HIT THE ROAD!

In July, the LWR Production team broke a record for the most First Wave systems shipped in a single month! But they certainly didn't have much time to celebrate as the team continues to be as busy as ever!

LWR's award-winning First Wave system is on the move again, this time heading to IOWA where it will become part of a project involving over 30,000 cows, that will convert dairy methane into more than seven million gall Renewable Natural Gas annually! This RNG will eventually fuel a fleet of concrete, refuse, and transport vehicles to reduce carbon emissions and improve air quality throughout the USA.

If you want to learn how you can become involved in a similar project, contact us today!



Canada to Become the **FIRST** Net Zero G7 Country

Foresight Canada believes that **Canada has the foundation to be the first G7 country to reach net zero!**

To learn more about how Foresight is helping cleantech innovators collaborate with investors and promote commercialization, **[CLICK HERE!](#)**

USDA to Fund Voluntary Nutrient Management Projects

Funding available Oct. 1st, with an additional \$40 million in grants from the Regional Conservation Partnership Program.



In August, Karleigh made the trip to California's Central Valley to visit clients and learn more about the First Wave system's integration in novel hub and spoke biogas projects! She was pleased to be welcomed home by this awesome painting at the Calgary airport, proving that from Alberta to California, dairy is always a significant part of the landscape!!



Waste Trucks on the MOOOOOVE!

Enbridge Gas Inc., Ontario Waste Management Association and Bluewater Recycling Association are celebrating the arrival of Ontario's first carbon-negative waste-collection truck. The truck is fuelled entirely by renewable natural gas (RNG)—sourced largely from cow manure!

[CLICK HERE](#) to learn how it works!



FAST FACTS

With Lisa Fast

WE'RE HIRING

Join Our Growing Team!

We are actively recruiting for 5 positions to join our diverse, close-knit team. Our workplace encourages autonomy, delivers empowerment, and offers opportunities for growth!

To learn more visit our [careers page](#).

The Dairy Business Builder Grant Program



This September, the DBIA will open grant applications to dairy entrepreneurs for \$100k each in support of diversifying on-farm activity, enhancing dairy byproducts, and **more!**



Canada's Phosphorus Recovery Plan

Canadian scientists are paying close attention to the planet's finite sources of phosphorus. They are taking systematic approaches on how to renew this essential mineral, and as it makes up virtually all plant and animal tissue, all signs point to **manure!**

ESSENTIAL ELEMENTS

Sunday, October 2 -
Friday, October 7



55th

WDE

World Dairy Expo 2022
Madison, WI, USA

VISIT US
IN BOOTH

EH 1414



Has manure ever looked prettier?

A California dairy is using their First Wave system to transform raw, dilute manure slurry into high-value natural fertilizers, including this drip quality irrigation water!

Manure processing reduces the cost of hauling and applying nutrients, and also eliminates water waste!

AUGUST IS National WATER QUALITY Month!

Water makes up 70% of the Earth's surface but only 3% is accessible as freshwater!

This is why we've set a goal to transform one TRILLION gallons of manure into clean water!



MANURE contains nitrogen, phosphorus, potassium and other valuable nutrients essential for plant growth. Although it was previously thought that the concept of fertilizer use may have *only* dated back 2,000 to 3,000 years, it is now believed that early farmers were using manure to fertilize their crops as long as 8,000 years ago! So when you see the combines in the fields harvesting crops, have gratitude for the farmers behind the wheel and don't forget to also give thanks for **MANURE** and the impact that it has had on our food production!

What's in the Inflation Reduction Act for Agriculture?

The final bill includes nearly \$40B for agriculture, forestry and rural development, including nearly \$20B in funding for the **ACEP**, **CSP**, **EQIP** and **RCPP**. In addition, it includes \$14B to support the development of renewable energy and spending on biofuels infrastructure and \$4B to mitigate the impacts of drought.

Click **HERE** to learn more

Connect with us today!

: @lwr_inc

: @lwr_inc

: Livestock Water Recycling

: (403) 203-4972