

From Food and Beverage Industry Waste to Biosolids: Discovering PROBLATUNITIES Delivering SOLUTIONS

Presented by:

Greg Akers
Janicki Bioenergy



About Me

Not a tech-savvy engineer...but a chemist....

Sort of a chemist with people!



Quality Farms, LLC

- Identified major need for the responsible recycling of beverage industry waste
- Worked closely with major brewers, soda producers and consumer brands
- Currently serving six states in Eastern US with National Expansion plans in the works



AS WE HAVE GROWN.....

- Largest Companies In The World Have Issues
- As Companies Have A Need For Waste Removal, Do Opportunities Arise?
- Are Companies Paying To Have Waste Removed That Could Ultimately Be Used To Power Their Plants?

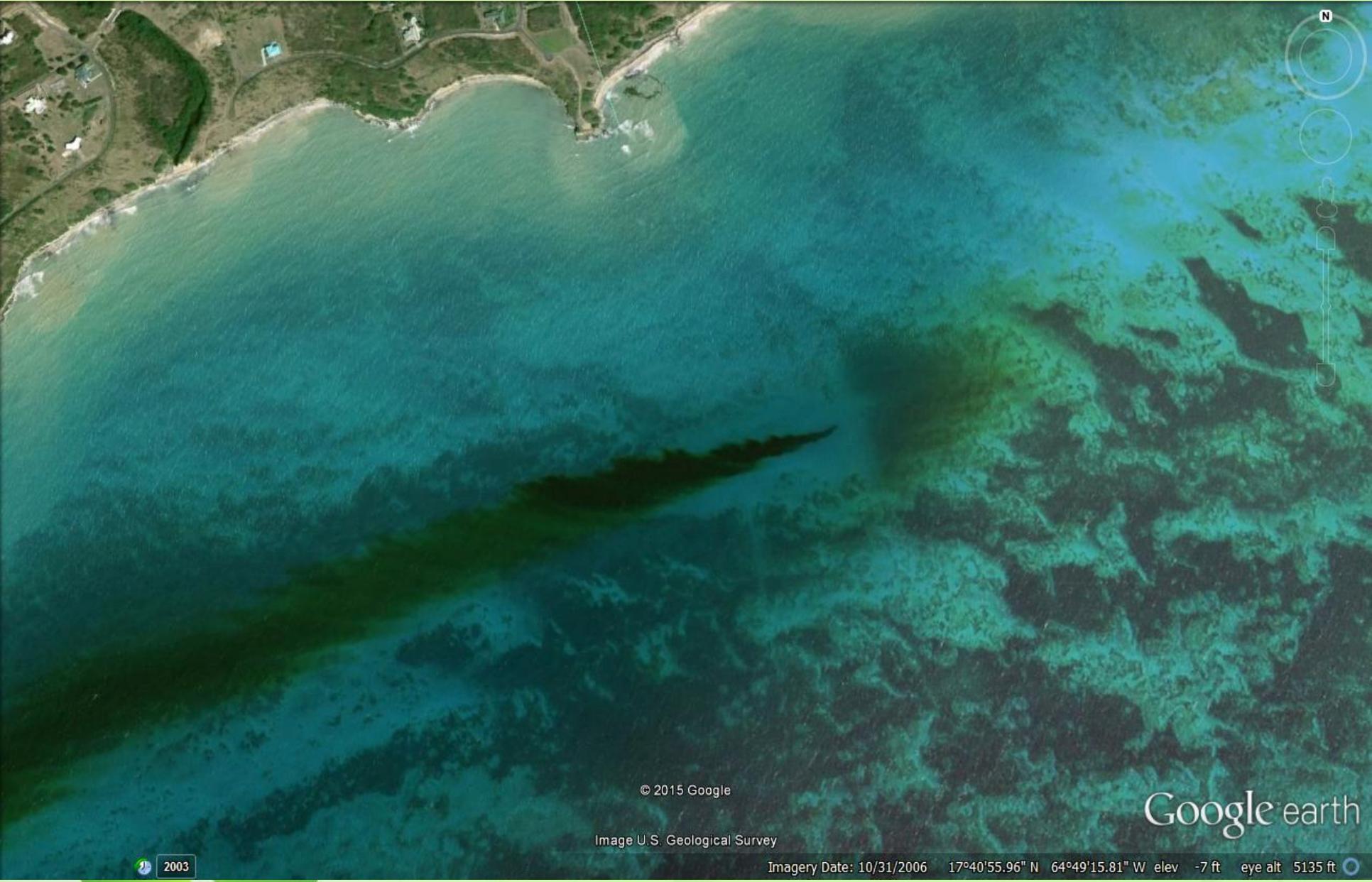


Everyday It's In The News

- Biosolids Regulations Are Changing
- Transportation Of Biosolids Is An Issue
- Environmental And Political Concerns
- Everyone Would Prefer A Sustainable Solution







© 2015 Google

Google earth

Image U.S. Geological Survey

2003

Imagery Date: 10/31/2006 17°40'55.96" N 64°49'15.81" W elev -7 ft eye alt 5135 ft



d

West Fargo stinks, but officials say they're working on odor control. – Grand Forks Herald





Deadly superbugs from hospitals get stronger in the sewers and could end up in the Pacific Ocean – LA TIMES



**Jackson Mississippi - Yarber Shelves
\$15M Sludge-Hauling Contract –
Jackson Free Press**





**Cincinnati Ohio - New traffic problem:
Trucks filled with human waste –
Cincinnati Enquirer**



What do we see as the future for Biosolids?

- Energy
- Replace current fuels
- Water
- Sustainability
- Responsibility
- Financial Savings and Potential NEW Revenue Streams



The Solutions Come When Companies Work Together



Google

**EMERRELL
BROS.**
A Biosolids Management Corporation

BILL & MELINDA
GATES *foundation*



New Technologies



Thank You

