

CLEAN WATER FORUM - 2016

The Clean Water Forum will be held **Friday, May 20, 2016 from 8:30AM - 4:30PM** at the Atlantic Sands Hotel, 101 N. Boardwalk, at the Ocean in Rehoboth Beach, DE.

The Forum will explore solutions to improve the relationship between agriculture and aquatic eco-systems.

Prospective Solutions:

- Maryland's policy using the P-Index for restricting the use of poultry litter
- Delaware's solution for clean-up of surface water and aquifers
- Anaerobic Digestion - A process for bio-conversion of poultry litter to organic fertilizer
- Feedstock Brokering - collection, transportation, and distribution of poultry litter
- Method for capturing the nutrient overload before it flows into the Bays
- Bivalve Hatcheries for the Chesapeake Bay and Inland Bays

Agenda, Topics, & Speakers

- *Edwin Kee*, DE Secretary for Agriculture will speak about Best Management Practices in Agriculture for the Chesapeake Bay, and The Economic Health of the Poultry Industry
- *Dr. Thomas Trendelenberg* of BTS Biogas will speak about Anaerobic Digestion
- *David Small*, DE Secretary of DNREC will speak about Solutions for Clean up of Surface Waters
- *Dr. Dennis McIntosh*, Aquaculture Specialist at Delaware State University and *David Small*, DE Secretary for DNREC will together talk about The Future of Shellfish Aquaculture Development in the Delaware Inland Bays

Source Water Protection encompasses the safeguarding of myriad water sources including streams, rivers, bays, wetlands, among others. Its purpose extends beyond the superficiality of mere visual aesthetics. These bodies of water have a major life-supporting function - they directly affect the quality and safety of drinking water.

Polluted waterways can become sources of major environmental and public health issues.

According to the Delaware Department of Natural Resources and Environmental Control (DNREC), "Most of Delaware's waters do not meet water quality standards for their designated uses - drinking, swimming and supporting fish and other aquatic life. The state's list of impaired waters includes 377 bodies of water that suffer from excess nutrients (nitrogen and phosphorus), low dissolved oxygen, toxics, and bacteria. Extensive analysis of chemical contaminants in fish has led to advisories that fish are unsafe to eat in more than 30 waterways statewide."

Energize Delaware Now, (aka "EDEN") is following along the path that Governor Markell proposed in 2013, by opening up to the Public ***The Clean Water Forum. Scheduled for May 20th in 2016***, The Clean Water Forum will have *experts in the field of clean water*, including

scientists, government representatives, entrepreneurs, and businessmen attending the conference at the Atlantic Sands Hotel in Rehoboth Beach.

Clean Water Forum Specifics:

As Governor Jack Markell stated in 2014, “Clean water is essential for a healthy and prosperous Delaware ...” The improvement of natural resources is essential to an economy that is relying on the clean water for the agriculture, for recreation, and tourism in Delaware waterways. In fact the economic sustainability of our state will rely on the improvement in the future for our access to clean water resources. Bringing together the entrepreneurs and professionals to create projects will have tangible impacts on Delaware’s economy. The Clean Water Forum seeks to identify and foster solutions. The mission of the Forum will be to bring regulators, academicians, business leaders, farmers, and would-be entrepreneurs together to focus on evolving practical solutions for clean water in Delaware.

The Clean Water Forum is designed to offer unique presentations to promote emerging water technology opportunities with the creation of clean water projects. EDEN’s premise for announcing the Clean Water Forum, is that the timing has never been better for new entrepreneurs in water technology.

Sources used: News articles; EDEN Website; Discussion with D.C. Kuhns

Clean Water for Delaware's Future

<http://www.dnrec.delaware.gov/Admin/Pages/Clean-Water-for-Delawares-Future.aspx>

State of DE Ambient Surface Water Quality Monitoring Program - FY 2015

<http://www.dnrec.delaware.gov/swc/wa/Documents/WAS/State%20of%20Delaware%20FY%202015%20Ambient%20Surface%20Water%20Quality%20Monitoring%20Program%20.pdf>

State of DE 2012 Combined Watershed Assessment Report and Determination for the Clean Water Act Section List of Waters Needing TMDLs

<http://www.dnrec.delaware.gov/swc/wa/Documents/WAS/Final%202012%20Integrated%20305%28b%29%20Report%20and%20303%28d%29%20list.pdf>