FACT SHEET:

MARYLAND'S ANIMAL WASTE TECHNOLOGY FUND GRANT RECIPIENT PROFILE

Planet Found Energy Development

BACKGROUND

WHAT IS THE ANIMAL WASTE TECHNOLOGY FUND?

The Maryland Department of Agriculture's (MDA) Animal Waste Technology Fund provides grants to companies that demonstrate new technologies on farms and provide alternative strategies for managing animal manure. These technologies generate energy from animal manure, reduce on-farm waste streams, and repurpose manure by creating marketable fertilizer and other products and by-products.

Grant Recipient
Planet Found Energy Development
Berlin, MD

Benefitting Farm
Millennium Farms
Pocomoke City, MD

Grant Amount
$676,144

Issue Date
August 15, 2014

Animal Manure Managed
Chicken Litter

PROJECT HIGHLIGHTS

SCOPE OF PROPOSAL

This project is designed to reduce the amount of nutrients entering the Chesapeake Bay and generate electricity.

An anaerobic digester is used to convert chicken litter into methane gas which, in turn, is used to produce electricity (26 k Wh plant producing an estimated 100,000 k W/yr). The system will send excess electricity not used on the farm to the grid. Excess heat generated may be used to offset propane costs for poultry house heating.

Nitrogen, phosphorus and potassium will be separated into three distinct fertilizer products for on-farm use or sale. The fiber by-product created during the process may be reused as poultry bedding.

Millennium Farms is located in Worcester County and has six poultry houses. Planet Found Energy Development broke ground on the anaerobic digester component of the project in spring 2014 and will use the Animal Waste Technology Fund grant to support the nutrient capture system.

For More Information
Louise Lawrence
Maryland
Department of Agriculture

410-841-5863 *or*
louise.lawrence@maryland.gov

"Our partnership is the first step in helping the agricultural community use a current resource as renewable energy while reducing key nutrients that have a great impact on the future of the poultry industry in Maryland. We welcome this opportunity to be part of a solution."

Jason Lambertson
Owner/Operator
Millennium Farms

Maryland
Department of Agriculture
Office of Resource Conservation

50 Harry S. Truman Parkway
Annapolis, MD 21401
www.mda.maryland.gov