

# Sustainability

By: Jim Lanier

Able to be sustained; able to be sustained for an indefinite period without damaging the environment, or without depleting a resource



Jim Larner, president and majority partner of Stanley Environmental Solutions, samples compost ready for market. (Photos by Rick Hartsock)

# GREEN *and Growing*

**An affinity for recycling and cleaner technologies gives North Carolina's Stanley Environmental Solutions a profit punch**

*By Ken Wysocky*

**W**hat's in a name? Plenty, in the case of Stanley Environmental Solutions Inc., a company that's repositioned itself for growth and boosted revenue by putting a modern spin on the old adage, "Waste not, want not."

An ecological mindset informs virtually all operations at the Stanley, N.C.-based company, which is a major regional player in grease-trap service, pumping seven million gallons a

year. Formerly known as Stanley Septic Services, the company dewateres grease and septic waste, then land-applies the remaining liquid, which has proven to be an efficient and environmentally sound practice.

The company then mixes the filtered cake with food and other waste products to make 15,000 to 20,000 tons of compost annually, which it sells to farmers and landscapers under the name Earth

Farms Organics. Moreover, Stanley is building a facility that will remove usable brown oil from grease-trap waste. And it's increasingly promoting the installation of innovative, more eco-friendly pretreatment units in septic systems, says Jim Larner, president and majority partner.

#### SAY WHAT YOU DO

"About two years ago, we changed the name of the company because it not only sounded more professional, but it reflected our broader range of services," Larner says. "The name creates a totally different perception than Stanley Septic Services."

"These days, everyone wants



Tom Heatner pumps grease-trap waste into a 5,000-gallon tanker built by Advance Pump & Equipment.



# Stanley Environmental Solutions

- Taking part of “Going Green”
- Environmentally safe
- Built on Sustainability





\*Reduce your carbon footprint, prevent organic waste from going to your landfill\*

# Dewatering Process @ Earth Farms



- Stanley's sister company de-waters approximately 8 million gallons of grease every year

# Polywick dewatering container at work



- Our effluent water is land-applied to replenish our natural aquifer instead of being piped to the city sewer

# Dried grease trap cake ready for mix in recipe



Recipe consists of grease trap waste, food waste and wood chips





Composting leads to new venues that help diversify your company and have a positive impact on your bottom line and the environment.



Three elements to successful composting include: Oxygen, Temperature and Moisture



Compost must be turned frequently to control temperature and introduce oxygen



Finished product is screened and ready for market



Different markets for finished product include:  
Residential lawns, Organic gardening, and  
Commercial agriculture

