



Talking Trash

Our Mission

The Coastal Environmental Partnership's mission is to produce a cleaner, safer and healthier environment by providing, operating and managing an economically and technically sound municipal solid waste management system for the citizens of Carteret, Craven and Pamlico counties.

Did you know...

- ◆ Seeing litter in a clean area can be bad for your mental health?
- ◆ The United States makes up only 4% of the world's population, yet it is the number one producer of garbage?
- ◆ Americans throw away 25,000,000 plastic bottles every hour?

Inside this issue:

Compost Sale 2

The Garbage Barge 3



Closing a Landfill Cell

Landfills, such as Coastal Environmental Partnership's Tuscarora Landfill, are complex engineered systems designed to protect ground water and air quality. Part of this protection includes properly "closing" landfill "cells," which includes capturing and disposing of landfill gas. Coastal Environment Partnership will be carrying out these important environmental compliance functions this coming summer.

Landfill "cells" are areas within a landfill that store the waste. The size of the cell can vary depending on the volume of waste of the landfill. Tuscarora Landfill cells are approximately 20 acres in size and store approximately 6 to 8 years' volume of waste from Carteret, Craven and Pamlico Counties.

As the cells are filled with waste, they need to be "closed" to protect ground water and air quality. Landfill closure is an extensive construction project, with involves construction of a compacted soil cover and synthetic liner system over a landfill cell. The upcoming Tuscarora project will involve 19.7 acres of closure area and the installation of up to 15 gas wells.

Landfill gas is naturally created as waste decomposes. The landfill gas is under a constant vacuum, which prevents landfill gas from escaping to the atmosphere. During closure, additional landfill gas wells are drilled into the waste and connected to an existing gas collection system.

At CEP's Tuscarora Landfill, once the gas is collected, it is sold to a private "landfill gas to energy" company located on site, which then uses the landfill gas to power engines to generate electricity. The power generated from our Tuscarora Landfill supplies the equivalent of 2500 homes! This is more than enough power to supply entire towns the size of Beaufort, Oriental, or River Bend!



Compost Price Reduced!

Organic compost \$20 per ton (regularly \$30/ton)

Price is good until the end of April

Compost hours:

Tuscarora Landfill (252)633-1564

7400 Old Highway 70 West, New Bern

M-F 8:00 am - 4:00 pm Sat 8:00 am-1:00 pm

Newport Transfer Station (252)233-3321

800 Hibbs Road, Newport

M-F 8:00 am -4:00 pm Sat 8:00 am-11:00 am

Grantsboro Transfer Station (252)745-4149

3291 Highway 306 North, Grantsboro

M-F 9:00 am-3:30 pm Sat 8:00 am -11:00 am



We grind only clean yard waste (leaves, limbs, etc.) for compost. No painted, pressure-treated or creosote wood is used. After grinding, the material is laid out in windrows and water is added. As the windrows are tended the internal temperature of the windrows begins to increase killing off weed seed and other undesirable matter. As the compost continues to decompose the windrows are kept moist and turned weekly to keep the process going. When the internal temperature settles at 131 degrees for three consecutive days the compost is ready for the final step.

Finally, the material is screened through a machine known as a trammel screen. The trammel screen separates small particles of yard waste from large particles. With openings only 5/8ths of an inch in the screen, only very small particles are used for compost. The larger particles are sold as mulch.

Traveling Garbage

The Mobro 4000 was a barge owned by MOBRO Marine, Inc. made infamous in 1987 for hauling the same load of trash along the east coast of North America from New York City to Belize and back until a way was found to dispose of the garbage. During this journey, local press often referred to the Mobro 4000 as the Gar-barge.

Chartered by entrepreneur Lowell Harrelson and Long Island mob boss Salvatore Avellino, it set sail on March 22 from Islip, New York, escorted by the tugboat *Break of Dawn* and carrying 3,168 tons of trash headed for a pilot program in Morehead City, North Carolina, to be turned into methane. The barge was docked at Morehead City, until a WRAL-TV news crew, acting on a tip, flew by helicopter to the coast to investigate. Action News 5 Reporter Susan Brozek broke the story on the 6 p.m. news on April 1, 1987, and North Carolina officials began their own investigation, which resulted in an order for the Mobro to move on.

The barge then proceeded along the coast looking for another place to offload and continued to meet stiff resistance. The Mexican Navy denied it entrance to their waters. It made it as far south as Belize, again being rejected, before returning to New York. Upon arrival it was met with a temporary restraining order and a heated legal battle preventing it from docking. In October, the trash was finally incinerated in Brooklyn and the resulting ash was buried where it originated, in Islip.

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