



CORPORATE OFC:
 P.O. Box 61
 Harrells, NC 28444
 TEL: 910-532-2539
 FAX: 910-532-2542

- Organics management
- Dewatering
- Transportation
- Compost sales
- Design, build, operate
- Technology licensing
- Marketing management

MCGILL

ENVIRONMENTAL SYSTEMS



CLOCKWISE FROM TOP:
 1 - McGill enclosed bay system
 2 - Process control panel
 3 - Biofilter



**Harrells, NC
 New Hill, NC
 Waverly, VA**

www.mcgillcompost.com

Corporate overview

McGill Environmental Systems is a compost manufacturer specializing in the management of compostable by-products and residuals from municipalities, industries, and agribusinesses, offering a full range of services, including transportation and marketing. It has been building and operating large regional facilities since 1990. All McGill manufacturing plants are indoor operations and weather independent, providing services 365/24/7.



McGill-Waverly is the largest enclosed composting facility in Virginia. In the foreground is the biofilter, designed to remove odors and particulates from process air.

The company operates four facilities in Ireland and three in the U.S. McGill's newest U.S. operation is located near Richmond, VA. There are also two plants serving the Carolina coastal and piedmont regions.

During almost 20 years in composting, McGill has earned an unsurpassed record of sustained, reliable, cost-effective service to its customers. Many have used McGill transportation and composting services for over ten years. Currently, it provides organics management services to about 235 municipalities and industrial operations in North Carolina, South Carolina, Virginia, and the District of Columbia.



The McGill transportation fleet includes tankers, trailers, and roll-off boxes. Service is offered 365/24/7.

Compost manufacturing

McGill facilities accept and process non-hazardous municipal and industrial biosolids and sludge; water treatment residuals, "woody" materials such as sawdust and wood chips;



Trucks unload at McGill-Merry Oaks. Incorporating a wide variety of materials as compost feedstocks results in a more complete final product.

shredded paper, pallets, yard waste and clean dimensional lumber; restaurant grease; food and food processing wastes, and other materials that will add value to compost products, such as residuals from tobacco and paper production



Bagging at McGill's Waverly, VA, facility.

and gypsum products. Agricultural by-products include such materials as sweepings, animal manures and bedding materials, tobacco dust, and cotton gin trash waste.

As a compost manufacturer, McGill is also involved in the formulation and marketing of compost-based products. It has a well-established customer base in bulk, wholesale sales to the landscaping, construction, and erosion control industries. In addition, McGill formulates products especially for the high-end agricultural market (produce production).

McGill also offers private-label bagging from its Waverly, VA, manufacturing plant.

McGill design

All McGill facilities are designed in-house, reflecting ever-evolving design innovation.

The newest facility, McGill-Glenville in County Cork, Ireland, introduced a new emissions security system when it opened in the fall of 2008, allowing operations in close proximity to neighbors.

The company's modular design concept offers economy and flexibility to its design-build customers, along with expertise that includes design approval and operations permitting around the globe.

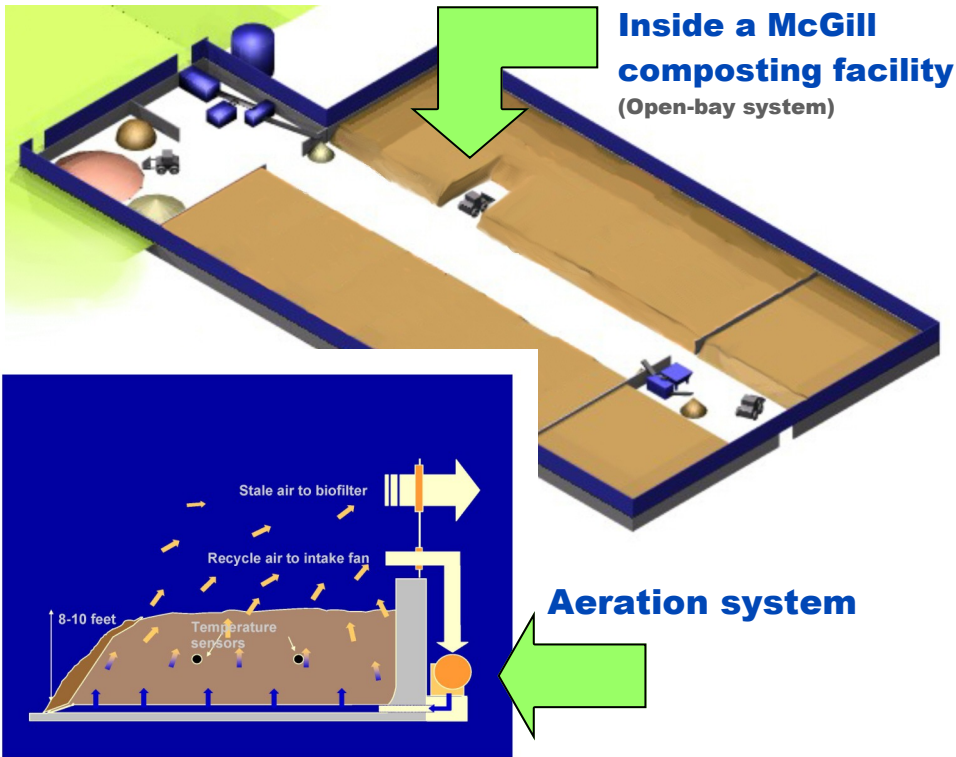
Technology licensing

McGill offers a variety of design and licensing options to meet customer needs, including design-build-operate contracts for customer-owned facilities and technology licensing.

Marketing services related to



Inspecting components of the aeration system atop a bank of enclosed bays, McGill's most recent process enhancement.



raw materials sourcing and compost sales, as well as public education and staff training, are also available.

Process description

Composting relies on the feeding activity of naturally occurring populations of specific micro-organisms to break down raw materials at the molecular level. McGill’s technology, based on the static pile, forced aeration composting method, creates and maintains a process environment which encourages the proliferation of the microbes responsible for biodegradation. This greatly accelerates the biodegradation process, resulting in rapid throughput and consistent product quality.

A computer monitors the process and controls fans which move air through the composting mass to remove excess heat and maintain adequate oxygen supplies for the microbes.

The heat produced during the composting process is self-generating, and the resulting high temperatures are held at specific levels for a specified period of time to kill pathogens and weed seeds. The McGill process meets or exceeds EPA 503 requirements for designation as a Class A Exceptional Quality compost, suitable for unrestricted end use.

U.S. FACILITIES

McGill-Delway
Sampson County, NC
Opened 1990

McGill-Merry Oaks
Chatham County, NC
Opened 2002

McGill-Waverly
Sussex County, VA
Opened 2008

IRELAND FACILITIES

McGill-Castletowneroche
County Cork
Opened 1997

McGill-Cappoquin
County Waterford
Opened 2001

McGill-ODR
County Tipperary
Opened 2003

McGill-Glenville
County Cork
Opened 2008

CONTACT:

Business Development
910-532-2539
Ext. 7311

OR
Bob Broom
M: 757-647-6052
bbroom@mcgillcompost.com

