Composting Facilities – Solid Waste Regulations

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NYSDEC
Division of Solid & Hazardous Materials
Albany Office
6 NYCRR Part 360
Solid Waste Management Facilities

- 360-5 Composting Facilities

- www.dec.ny.gov/regs/4411.html
Larger Yard Waste Composting Sites
Cornell University
Wastes Currently Composted

- Animal Mortalities/Slaughter Waste
- Manure/Crop Residues
- Food Scraps
- Mixed Solid Waste
- Biosolids
- Combinations of Waste Types
Composting of Organic Waste - NYS Dept. of Environmental Conservation
360-5 Composting and Other Class A Facilities

- Applicability
- Definitions
- Exemptions and Registration
- General Permit Application Requirements
- Facilities for Biosolids, Mixed Solid Waste, Septage, Other Sludges
- Facilities for Source-Separated Organic Waste
- Yard Waste Composting Facilities
- Out-of-State Products
- Research Projects
Exempt Facilities

- On-Site Composting (not for sludges)
- Manure Composting
- Yard Waste Composting: < 3000 cubic yards/year
- On-Farm Composting of Farm Wastes
- A combination of exempt facilities
Earth Tub - Green Mountain Technologies
The Rocket® In Vessel Composter - Model Comparison - Accelerated Compost - Rocket composter, from waste to compost in 14 days
Registered Facilities

- Yard Waste Composting: 3000 – 10,000 cubic yards per year
- Source separated organic waste composting: <1000 cubic yards per year
- Food processing waste composting
- Annual Report Required
Food Scraps Registration Conditions:

- Material can not be on-site for more than 36 months

- The operation follows acceptable methods of composting that minimize odor generation and produce a mature product

- The facility is at least 200 feet from water bodies and residence/business (may be increased to 500 feet in densely populated areas)
<EM>Going Green</EM>: Food for thought - CapitalNews9.com
Permitted Facilities

- Everything that is not exempt or registered
- > 10,000 cubic yards of yard waste per year
- > 1000 cubic yards of SSOW per year
- Any amount of biosolids, septage, MSW
Proposed Facility – Verdopolis JFK

- Located at JFK

- Anaerobic digestion and composting

- Preconsumer food scraps, airport vendors only

- 165,000 tons per year (450 tons per day)
Issues for Permitted Facilities

- Pathogen and Vector Attraction Reduction
- Pads and Leachate Collection
- Pollutant Testing and Standards
- Odor Control
- Product Marketing
- Capacity
- Maturity
Curbside Collection of Residential Food Waste