

Advanced BioTech

Developer of MultiFIX® and BioWorld Products®

COUNTY SOLID WASTE ODOR CASE STUDY

Project Situation

A county compost facility processes mixed solid waste into materials used for other purposes. The facility has an in-vessel composting system enclosed within a building. The operation includes an air and odor control system and a water recirculation system. During the loading and unloading process, odors are emitted. Odor complaints from nearby residents prompted the county to evaluate odor mitigation strategies. County staff contacted BioWorld and purchased several drum mounted foggers, a repeat cycle timer and BioWorld Odor Neutralizer (BON). The drum mounted foggers with diluted BON were connected to the timer and set up adjacent to the building doorways. The odor control fog was directed across the doorway and cycled on and off during the day.

Products/Technology Used

#41064	BioWorld Odor Neutralizer BON-CC-41 Concentrate
#DT9236	Pow-R-Fog Drum Mounted Fogger
#DT8246	Pow-R-Fog Plus Drum Mounted Fogger
#PN8322	Repeat Cycle Timer

Results

After installing the foggers and timer system, odor complaints were significantly reduced. On-going use has kept odors to a minimum. The BioWorld set up was simple to install, light weight, mobile, and cost effective.