



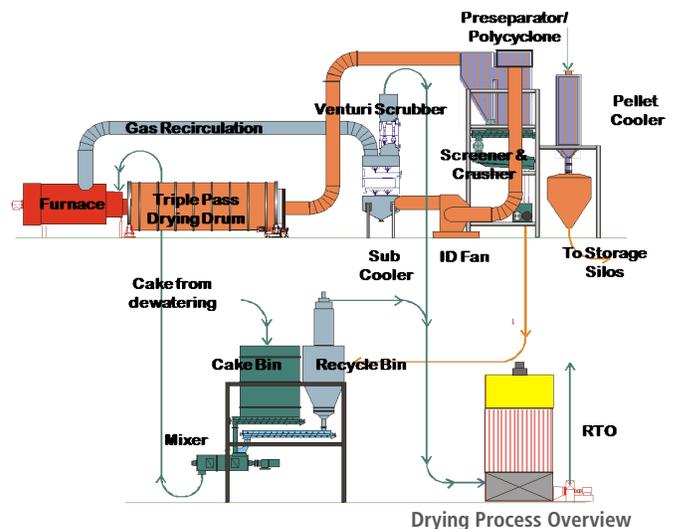
Philadelphia Renewable Bio-Fuels

Thermal Drying Facility

The Philadelphia Renewable Bio-Fuels Facility produces quality biosolids pellets for sale in organic fertilizer and renewable fuel markets.

The Biosolids Recycling Center (BRC)

In 2005, after extensive review and a lengthy competitive process, the City entered into a long-term contract with a private consortium to upgrade the BRC to an indoor heat-dried pelletizing process. Headed by industry leader Synagro, the Philadelphia Biosolids Services (PBS) would operate the existing BRC for three to five years while building a Class A biosolids thermal drying facility at the site. Subsequently, PBS would operate the new plant for 20 years, with a five-year extension option. PBS took over operation of the BRC in October 2008, and the transition to private operation has been very successful. Full Class A pellet production of biosolids began in February 2012.



New Drying Operations Facilities

- New Odor Control Scrubber on Dewatering Building
- Thermal Drying Building with 2 Andritz DDS 110 Dryers
- Odor & Emission Control on Drying Building
- Digester Gas Pipeline from Southwest Plant
- New Electrical Substation
- 3 Product Silos



Philadelphia Dewatering Operations

- 15 Sludge Feed Pumps
- 10 Centrifuges
- 15 Polymer Solution Injection Pumps
- 3 Centrate Pumps
- 10 Screw Conveyors
- 2 Cake Belt Conveyors

