



Central FL Organics Compost Facility Update September 2016

September 2016 Facility Status

Total biosolids volumes received at the Compost Facility in September 2016 were approximately 1073 tons. A total of approximately 115 tons of Haines City biosolids were recycled through the facility in September 2016.

Total bulking agent volumes received at the Compost Facility for August were approximately 992 tons.

All biosolids materials received at the facility are mixed with greenwaste the day of receipt and are placed in active compost areas where the 14-day compliance period begins.

Biosolids and Environmental Benefits

For centuries, farmers have realized the benefits that animal manure has had on improving their soil fertility. In the 1920s, farmers began to use biosolids from

wastewater treatment plants as a fertilizer supplement.

Biosolids are a natural resource that are often used as a fertilizer and to improve soil health, but may also be used as daily cover at landfills. Biosolids are the organic materials that have gone through the treatment process in a wastewater treatment plant (WWTP) and subsequently been tested and analyzed to ensure public safety.

Biosolids products, such as Class AA compost, provides multiple benefits to soil and the environment, such as:

- Stores carbon in the soil and reduces greenhouse gas emissions and energy consumption (unlike fossil-fuel-based, inorganic fertilizer).
- Most of the nitrogen in biosolids is organic, acting as a slow-release fertilizer,

providing nitrogen when the crop needs it rather than all at once.

- With its high water-retention capacity, biosolids improve the soil's ability to absorb and store moisture. This reduces the need to irrigate and provides natural drought-resistance.
- Improves soil quality, crop health by providing micro and macro nutrients and other organic matter.

With so many beneficial uses, biosolids Class AA compost has numerous positive benefits to our soils, environment and resource availability.

FOR MORE INFORMATION

For more information, please call
(904) 819-9170