

REFERENCE DOCUMENT 7

FDEP APPROVAL –

BIOSOLIDS COMPOSTING PILOT STUDY



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

JOHNATHAN P. STEVERSON
SECRETARY

January 22, 2015

Mr. George Cassady, P.E., Director
925 East Twiggs Street
Tampa, FL 33602
cassadyg@hillsboroughcounty.org

Re: Pilot Project
Falkenburg Road Advanced Wastewater Treatment Facility (AWWTF), FL0040614,
Southeast County Landfill Permit No. 35435-022-SO/01
Hillsborough County

Dear Mr. Cassady:

The Department received the County's request to conduct a Pilot Project for composting yard waste and biosolids at Hillsborough County's Southeast County Landfill. The revised and final proposal, submitted on January 22, 2015, is approved. The project will operate for six months, be conducted on an inactive lined area at the Southeast County Landfill and within the landfill's leachate collection system. The biosolids will be generated at the Falkenburg Road AWWTF and the yard waste supplied by the County's registered yard waste processing facilities, with the goal to produce Class AA composted biosolids for beneficial reuse, as demonstrated by the testing and operational protocols described in the above-described submittal. The Pilot Project will compare two processes, *Turned Windrows* and *Modified Static Aerobic Piles*, have three 60-day trials and treat approximately 667 dry tons of biosolids over the pilot project period. Any material failing to meet the requirements for the intended level of treatment will be disposed in the landfill.

Please notify the Department when the pilot commences, provide brief weekly reports for the first month, followed by brief monthly reports which include the sampling results thereafter and a completion report 60 days following the completion of the project period.

Sincerely,

Handwritten signature of Kelley M. Boatwright in blue ink.

Kelley M. Boatwright
Program Administrator
Permitting & Waste Cleanup Program
Southwest District

cc: Jeff Greenwell, P.E., Hillsborough County Public Utilities Dept., Greenwellj@hillsboroughcounty.org
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