

Technical Advisory Group Meeting Minutes  
“Diverting Food Waste from Landfills”  
February 15, 2010  
University of Florida

- Welcome/ greeting (10:00 am)

Attendees

- Dr. Ann Wilkie – Project P.I.
- Ryan Graunke – Graduate Student
- Tim Vinson – Hinkley Center
- Gina Hawkins – City of Gainesville Public Works Department
- Francine Joyal – Florida Department of Environmental Protection
- Paul Hauck – Camp Dresser McKee, Inc.

- Website Overview

Purpose is for online reference site for anaerobic digestion of food waste

- Upcoming events discussed
  - Recycle Florida Today (RFT), June 13-15, 2010, Orlando (<http://www.recyclefloridatoday.org/>)
  - SWIX meeting in April
  - SE Recycler’s Conference, Destin, FL, March 7-10
  - SWANA chapter meetings
    - GA SWANA Chapter 2010 Spring Conference, April 12-14, 2010, Savannah (<http://www.gaswana.org/conferences.html>)
    - FL SWANA Chapter, 2010 Summer Conference, July 12-14, 2010, Naples (<http://s106960635.onlinehome.us/swana/events/conferences.asp>)
  - American Public Works Association (APWA) Snow Conference Omaha, NE, April 18-21, 2010
  - There is also a Florida Chapter APWA Annual Trade Show and Meeting during week of May 2-6 in Orlando
  - BioCycle Conference on Renewable Energy from Organics Recycling, October 18-20, 2010, Des Moines, IA
  - Florida biofuels association
  - Heart of Florida Solid Waste Group
  - Florida Organics Recycling Center for Excellence (FORCE) (<http://www.floridaforce.org/newsnevents.cfm>)
- Past events  
Description of how they pertain to the project
- FAQs  
Send any questions to Ryan  
Focus on dispelling public misconceptions of food waste diversion and anaerobic digestion
- Related Links

- Add link to EPA food waste hierarchy
- Attach plan to achieve 75% recycling goal that DEP submitted
- New Food Waste Recycling/compost rule in effect today (62-709) Registration go through DEP, permits go through district
  - Registration of certain composting facilities:
    - Allows registration in lieu of permit
    - Smaller composting facilities that cannot afford full permit will be able to be a legal entity, but registration can be used by larger composting facilities too.
    - Could result is database of composting/food waste recycling facilities in the state
    - Limits to registration: 18 months to move material off site, 14 ft height limit to piles
    - Cost is \$35/year
  - Permitting for pilot projects
    - Less expensive than permit, and easier to obtain
    - Needs 30-90 days for approval: 30 days to review, 90 days for action
    - Limited to 18 months, renewable for an additional 18 months and 10,000 cubic yards total volume
    - Cost is \$250 (need to pay permit fee again if renewing for additional 18-month period).
    - PE signature and seal is NOT required
    - Could provide information the Department will need to adequately address anaerobic digestion during next rule-making phase.
- Food waste diversion success stories to be listed on website
  - Canada
    - Guelph
    - Toronto
    - Edmonton
  - Atlanta “zero-waste zone”  
Presented by Holly Elmore at DEP food waste recycling and composting workshop in December  
[Greenfoodservicealliance.org](http://Greenfoodservicealliance.org)
  - Key West  
Zero waste zone in discussion, RFP released
  - Reedy Creek Improvement District
  - South Dade Soil Conservation District, small scale food waste composting  
Focus of food waste segregation
  - Morgan Levy Project – Miami Dade
  - Salt Lake City: Brigham Young University - cafeteria food waste diversion
    - Pulping and dewatering food waste prior to shipping off-site
    - This could be a potential mechanism for implementing source-separation
- Possible odor problems with food waste collection

- Downtown Gainesville collects everyday from restaurants to reduced odors
  - o Benefit of food separation: could allow less collection of non-food waste and these wastes are not contaminated with food waste and do not cause odors
- Potential odor control coverings:
  - Sugar cane bagasse
  - Wood shavings
  - Saw dust
  - Corn cobs
  - Shredded paper
- Disney experienced odor problems from biosolids and manure
  
- Discussion of overturning landfill yard waste ban
  - Yard waste will not be good substrate in landfills for methane production
  - Better to mulch/compost yard waste or use as feedstock for bioenergy
  
- Discussion of portable digester
  - Digester will incorporate pre-treatment and effluent recycling
  - Gas collector will be floating barrel design
  - Issues related to transportation, check with FDOT
  
- Meeting adjourn (12:30 pm)