Appalachian State Compost Facility

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Strategic Plan

• University Strategic Plan = Sustainability Core

• 2014-2019

• Incorporated STARS goals as measurement- 75% diversion goal by 2019
Brief History

• Composting begins as a student project in 1999

• Facility was aerated pile with old blower motor and perforated pipe

• Permitting renewal issues and water quality lead us to construction of new facility
Current Facility

• Facility opened in 2011

• First food waste facility of its kind

• Advanced Composting Technologies-

www.advancedcomposting.com
Why This Facility?

Location and Space

Functionality
- runoff collection
- storage area
- working pad
- multiple bins
- aeration
Food waste from campus collected, composted, and finished product used on App State property
Campus Application

- Lettuce Learn Project
- Edible Schoolyard
- Sustainable Development Teaching Farm
- Campus Uses- erosion control, plant beds, etc.
Academic/Operational Collaboration

- Internship Opportunities
- Benefits students and physical plant
Academic Integration

Research opportunities for students and faculty
Educational talks and tours for campus and local community
Model Facility

Model for local community or other projects
Zero Waste Stadium

- 2008- Recycle at The Rock
- 2014- Zero waste stadium efforts
- 2015- Expansion into field house
Challenges

- Post Consumer issues
- Education
- Pulp Compost
- More compost than we can handle - 30% of total waste stream could be composted - no local hauler or processor
Questions?

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