Organic Recycling through Composting

Texas Pure Products
City of Plano

Robert Smouse
EWS Manager
Plano’s Regional Aspects

- **North Texas Municipal Water District**
  - 5 Member Cities

- Solid Waste

- Compost Operations & Marketing
Texas Pure Compost
Operations & Marketing

Began in 1992, Regional Effort in 2003 & over 676,516 Tons Diverted (28k/yr)

15 Full-time & 4 Part-time Employees

2 Operational Sites: Custer Road & Melissa

Diversion
• 61,310 regional tons (23,840 Plano residents; 1,411 Other City Depts.; 7,718 Organics)
Residential yard trimmings and grass clippings
Yard trimmings Ground & Loaded at our Custer Road facility
Windrows of ground material mixed with organics at Melissa compost site
Finish Products – Black Gold
Texas Pure Product Marketing

- Compost
- Soil Blend
- Topdressing
- Mulch
- Colorized Wood Mulch

148 Customers
High Profile Projects Include:

- TxDOT (121 & 75)
- George W. Bush Presidential Library @ SMU
- Crepe Myrtle Trails McKinney
- TxDOT (75 & George Bush)
- Great Wolf Lodge – Grapevine
- Gaylord Texan – Grapevine
- NTTA- Dallas North Tollway (Preston Road & North)
- Firewheel Mall - Garland

TexasPureProducts.com
Quality counts for Texas Pure Products

- Independent lab testing
- Meets US Composting Council’s Seal of Testing Assurance
- OMRI (Organic Material Review Institute) – approved for organic growers and farmers
Organic Recycling

• Began recycling and composting in 2000

• Nitrogen rich source with moisture

• Next waste stream segment for recycling
Organic Recycling

• What goes up…must come down

Why, you ask?
• Priority of Quality of Material over Quantity
• Alternate Uses and cheaper tipping fees
• OMRI Certification
Feedstock Inputs

- Pre vs. Post consumer
- Staff Turnover & Training
- Collection containers for accounts
- Biodegradable vs. Compostable products

All these directly impact both:

Quality & Quantity
Quality Control on Front-end

Composting in...compost out???
Crazy things people do...
Future Opportunities

• Broaden the Recycling of Organic/Food Scrap materials – Large Volumes

• Regional listing of Composting Facilities involved with Organic/Food Scraps

• Regional Grant Project similar to Houston-Galveston COG
Thank you!

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