

# City of Columbia Organics Handling

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Landfill & Recovery  
Superintendent



# Organization

- Public Works Department
  - FY11 budget >\$80 million, 369.5 FTE
- Solid Waste Division
  - FY11 budget > \$18.8 million, 80.05 FTE
- Landfill Operations
  - FY11 Budget >\$3.9 million, 15.25 FTE
    - Includes Compost Operations \$332,913, 1-2 FTE



# 2 Yard Waste Drop-off Sites



- \*Parkside Drive (off Creasy Springs Road)
- \*Capen Park (off Rock Quarry Road)

# 14.8 acre Compost Facility



# Some Uncommon Feedstock



Clean Drywall – 750 T/yr



Burnt sawdust  
from Kraft

650 T/yr

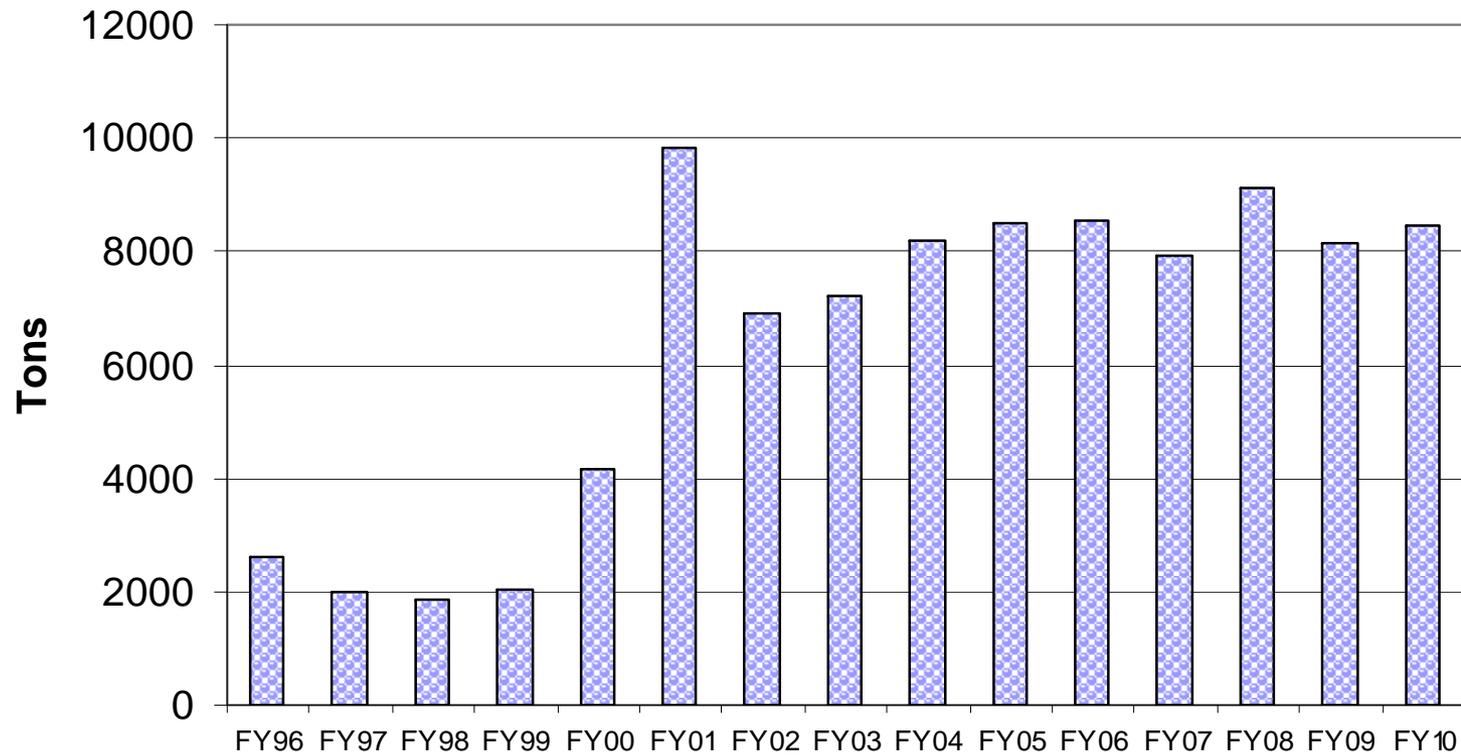
Cellulose casings from Kraft

1,500 T/yr



# Incoming Materials

## Compost Facility Tonnage



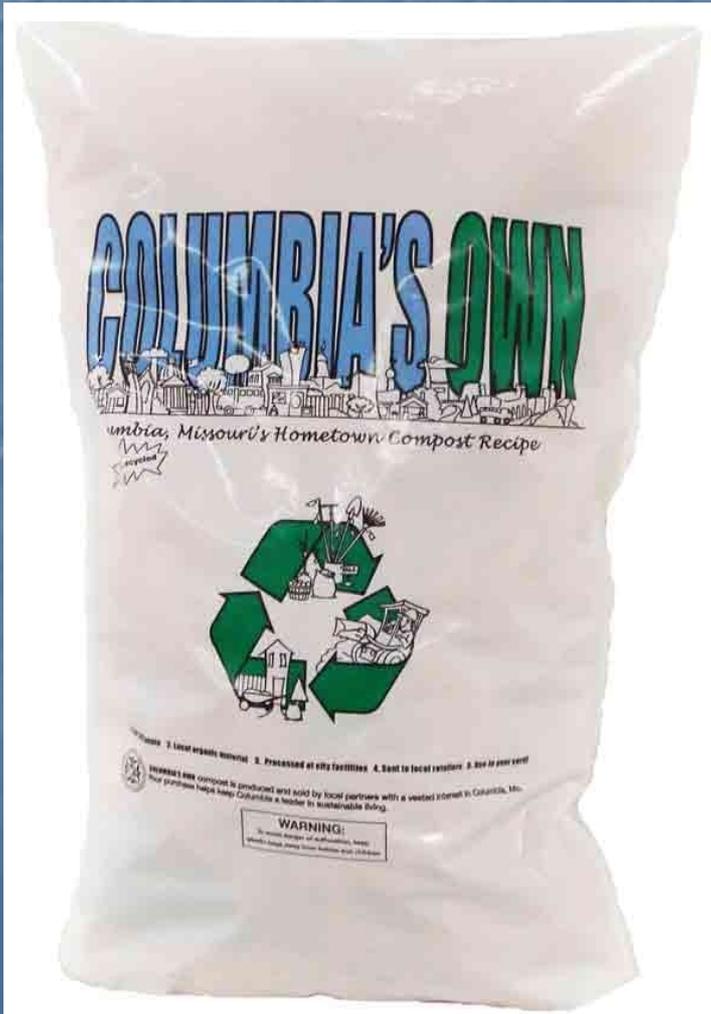
# Compost for Sale To The Public

- Thursdays from 1:00-4:00 p.m.
- Designated Saturday mornings each Spring and Fall from 8:00 a.m. to 12:00 noon
- Price is \$12.00 plus tax per cubic yard. A minimum fee of \$12.00 plus tax is required. Quantities of  $\geq 100$  cubic yards/month are sold for \$8/c.y.
- 1 cubic yard weighs approximately 1000 pounds



# Compost for Sale To The Public

“Columbia’s Own” bagged compost – 1 cubic foot sold at Hy-Vee and Menard’s



# Education



# Organic Handling Changes with Bioreactor Landfill Cells

- Mulch allowed as Alternate Daily Cover
  - No casings or sawdust used in this, just the coarsely ground brush/pallets/drywall
- City-collected yard waste put into landfill cell for accelerated gas generation



# New Endeavor: Food Waste Composting

- Winter 2009 SWAB presentation regarding Wal-Mart/Sam's nationwide initiative to compost all their organic waste
- City Ordinance prohibits hauling of "garbage" other than by city collection crews

*Sec. 22-165. - Unauthorized hauling of garbage.*

*a) It shall be unlawful for any person, other than an agent of the city, to haul, convey, carry or transport any garbage (defined food wastes) from any location within the city.*

*(b) Notwithstanding the provisions of subsection (a), any generator of garbage that had been hauling its own garbage with the written permission of the director before April 7, 2003, shall be allowed to continue hauling its own garbage from its point of origin to a properly licensed disposal site.*



# Road to Food Waste Composting

- Submittals back and forth to DNR SWMP from February to December 2010
- Approval from DNR SWMP 1/28/11
- NPDES permit renewal – changes regarding food waste composting – effective 1/28/11



# Road to Food Waste Composting – current status

- Solid Waste District H Grant for Collection Containers
- Recruit participants, work out fee schedule and collection logistics (Colleges, restaurants, grocers/retailers, etc.)
- Vamp up Compost Facility Operations



# Questions?

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