

# Waste Minimization – A Study in Recycling Efficiency



By Marion M. R. Buntyn

- Byron Rogers Federal Building and Courthouse Constructed in 1965
- Single Trash Room and Loading Doc for 2 Independent Buildings
- Alfred A. Arraj US Courthouse Constructed 2002
- Byron Rogers US Courthouse Renovated in 2005

# What Size is Your Trash Room

- Waste Audit Conducted in 2002 calculated a 2% waste diversion rate
- Trash Room was over utilized – Seven 6-Yard containers for 2 buildings
- Abandoned Property Accumulation on Loading Doc
- No New Space Allocated for Wastes from the Arraj US Courthouse



# New Solution to Old Problem

- Purchase Trash Compactor and Cardboard Bailer
- Improve Recycling Collection in all 3 Facilities
- Educate Building Occupants on Acceptable uses of Trash Room
- Establish Measurement Criteria for Tracking Waste Stream

# Compaction in Harmony



# Statistics In Trash FY2007

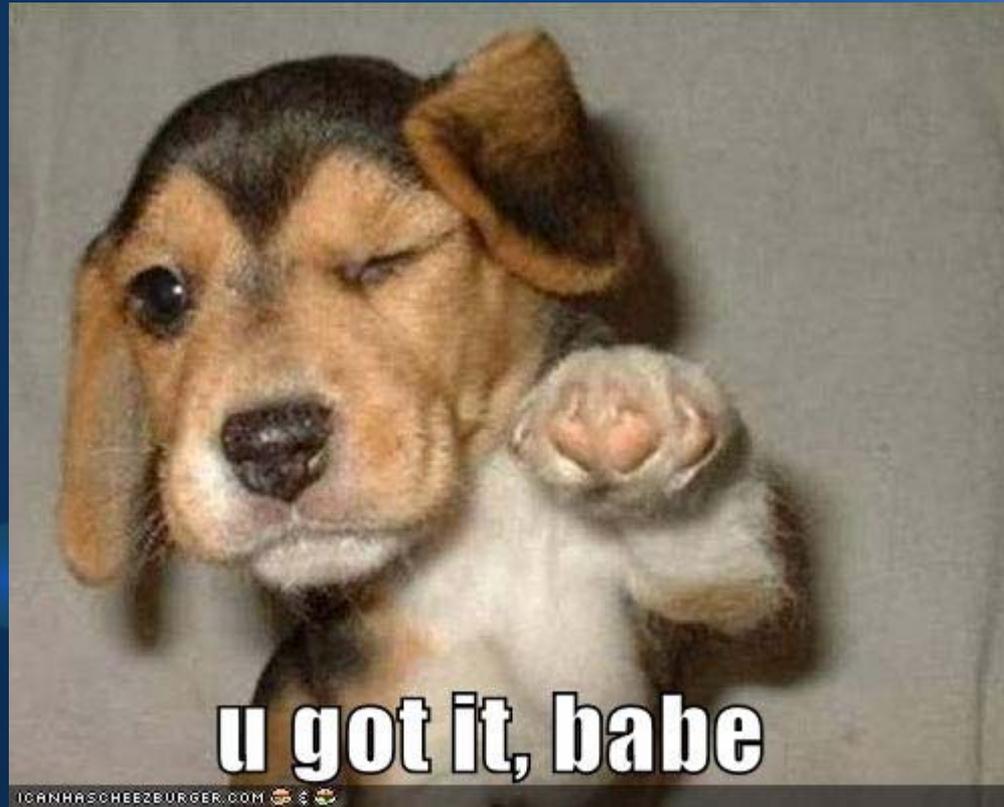
- Total Waste in Tons - 119
- Total Trash in Tons – 57
- Total Recycling in Tons – 62

Waste Diversion Rate – 52%

# Benefits Realized

- Waste Diversion Rate Skyrocketed from 2% to 52% in 2 Years
- The Improved Program Enabled for the Byron Rogers Courthouse to Receive a LEED Gold Rating
- Created a Reproducible Method for Measuring Trash
- Simplified Waste Management Practices for Cleaning Contractors
- Trash Bill Savings of \$15,600 per Year
- ROI – 1.5 years

The original purpose of the trash room located in the Byron Rogers Federal Building was no longer feasible when the new Alfred A. Arraj US Courthouse was added the buildings services. A new way of managing the waste stream from 3 independent buildings had to be custom designed to meet the buildings waste materials needs.



# Contact Information



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