



# Developing the North Central Texas Stewardship Forum

- 2012 EPA Awards Grant
  - Stewardship Action Council to develop a sustainability forum in the DFW area
- July 2012 Kick Off
  - Discussions begin with Cities and other interested parties to develop sustainability workshops
- October 2012 – February 2013 Workshops
  - Develop mission and vision statements, goals, and workgroups



# Developing the North Central Texas Stewardship Forum

- October 2013 First Annual Forum Conference
  - Held the Forum's first conference at UTA. Shared workgroup successes, and discussed the need and value for group.
- January 2014 Grant Project Completed, but now what...
  - Group wants to continue and forms a volunteer group to shape the Forum. Begin discussions on how to organize and structure the group.
- December 2014 NCTSF Framework Formalized
  - The founding cities (Fort Worth, Dallas, Plano, Denton) sign voluntary structure agreement.



# North Central Texas Stewardship Forum

- Networking circles to share Best Management Practices
- In three (3) years since 2014:
  - 260 NCTSF members
  - 6 webinars
  - 2 events
  - 1 site tour



# Forum Topics

- Construction & Demolition Recycling
- Curbside Organic Collection
- Multi-family Recycling
- Monarch Butterfly Conservation
- Solar Energy Adoption in NCT
- Green Infrastructure & Low Impact Development
- Litter Prevention, Impacts & Reduction



# Forum Events

The **DFW Food Recovery Event** convened 85 attendees interested in reducing food waste by raising awareness within the groups who have the power to change policy and practices.

## Testimonials

*“Enjoyed in-depth information from the speakers on different topics and being part of group discussions”*

*“This workshop was great for networking”*

*“Great way to share ideas!”*

The **North Central Texas Energy Forum** convened 75 attendees interested in hearing about local governments and regional entities’ efforts to reduce energy consumption in innovative ways.

## Testimonials

*“It was terrific!”*

*“It is always enlightening and affirming to see how other similar entities are addressing the many energy conservation issues”*

*“What a great conference”*



# Forum Next Steps

- Regional Impacts, Partnerships & Collaboration
- Leadership & Coordination by NCTCOG
- Coordinating Regular Roundtable Discussions, Shared Topic and Program Advancements

# Multi-Family Recycling Ordinance Successes & Challenges



**Robert Smouse**  
**Assistant Director – Solid Waste Services**  
**Code Compliance Department**



# Background

- Focus on reducing landfilled recyclables
- Equal Recycling Services to all residents
- Prior NCTCOG Grant Program in 2005
- Crime Free Multi-Housing Ordinance passed in December 2011
- Focus area within 20 Year Comprehensive Solid Waste Management Plan





# Tie-in to Recycling





# Multi-Housing Recycling Program Requirements

Multi-Housing Landlord (8+ Units) must submit recycling plan

- Plan must include –
  - Materials to be recycled
  - Method of collection & storage of recyclables
  - Frequency of pick-ups by approved waste hauler
  - Property diagram showing the container location(s)



## Multi-Housing Recycling Plan Submission Dates

- For complexes (8+ units) in operation on or prior to October 31, 2013 recycling plan must be submitted by January 1, 2014
- For complexes (8+ units) in operation after November 1, 2013 recycling plan must be submitted NLT sixty days after Certificate of Occupancy is issued.



## Recycle Plan Implementation

- Submitted plans approved by City
- Landlord implements plan within 30 days

**APPROVED**



## Recycle Plan Waivers

- A *waiver* to providing a recycling plan may be granted by Director if –
  - Implementation is impossible
  - Implementation is impractical
  - Landlord can show no tenants wish to recycle





# Manager/Landlord Recycling Best Practice Training & Tools

## Symposium Topics

- ◆ **Main Topic: Overview of the requirements of the new mandatory City of Fort Worth apartment recycling ordinance.**
- ◆ City staff will present best practices for energy savings, water conservation and stormwater runoff protection.
- ◆ Local apartment managers will present case studies of sustainability initiatives in their complexes.



**June 18**, 10 a.m. – 2 p.m. Summerglenn Library,  
4205 Basswood Blvd. 76137

**September 12**, 8 a.m. – 12 p.m. Hazel Harvey  
Peace Center, 818 Missouri Ave. 76104

**December 12**, 8 a.m. – 12 p.m. Hazel Harvey  
Peace Center, 818 Missouri Ave. 76104



**“Grow a Green  
Multifamily  
Development”  
Symposium**

Sponsored by the City of Fort Worth Business Smart Program

- Websites
- On-site Green Team Champions
- Promotional Pieces
- Beyond Recycling
- Containers
- Service Providers



## 2015 Survey

- Phone Survey of 40 managers/staff during summer of 2015
  - Contamination
  - Participation
  - Inconvenience
  - Economic Factor\*

**SURVeY**  
**Time**



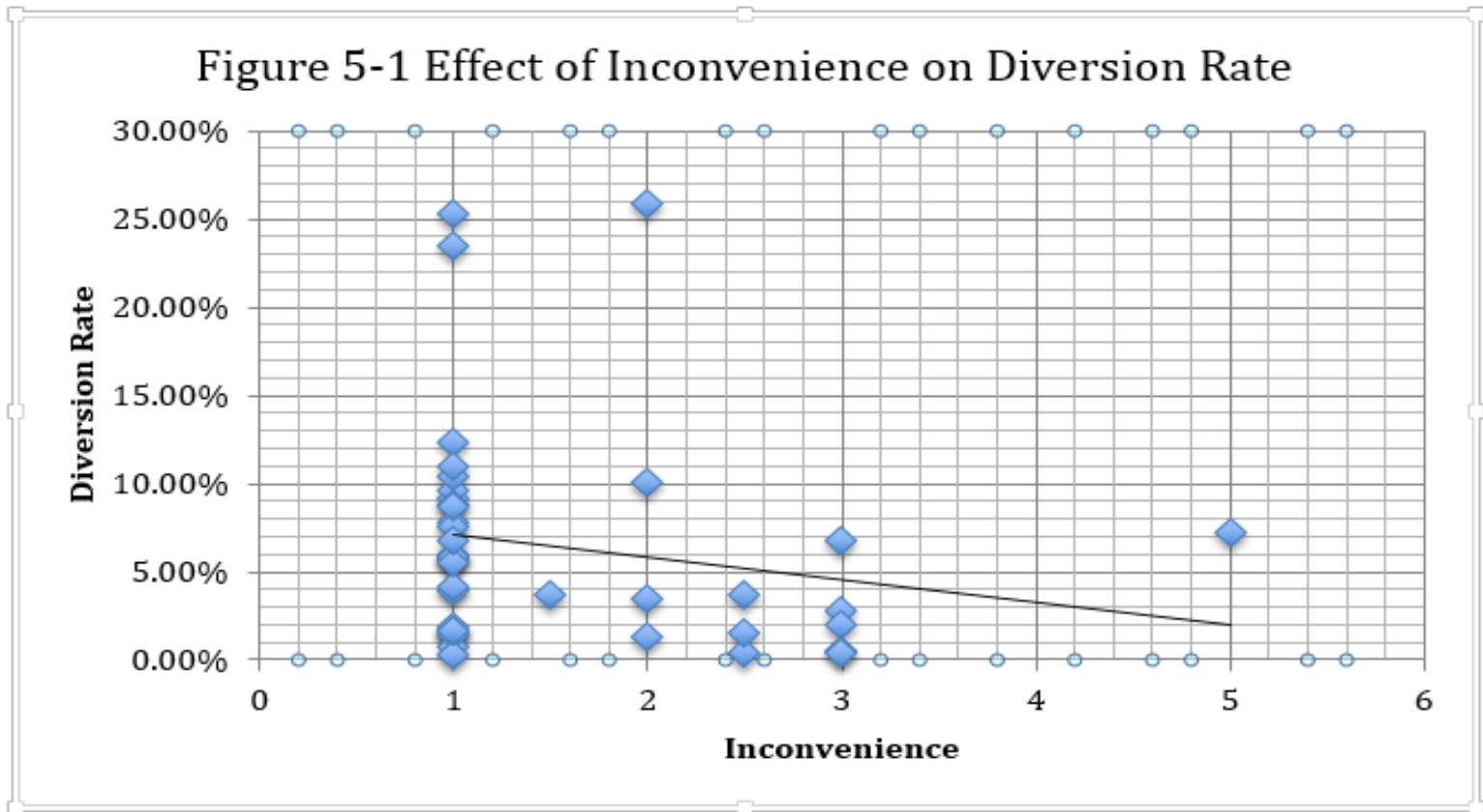
## Participation & Contamination

- **Reduced Garbage**
  - 27/30 respondents. 56% reported a noticeable reduction in amount of garbage, but only one complex reported reducing garbage service frequency.
- **Contamination**
  - 38/40 Respondents. 50% reported contamination as a problem
  - Those that provided education material experienced less contamination



# Inconvenience/or Access

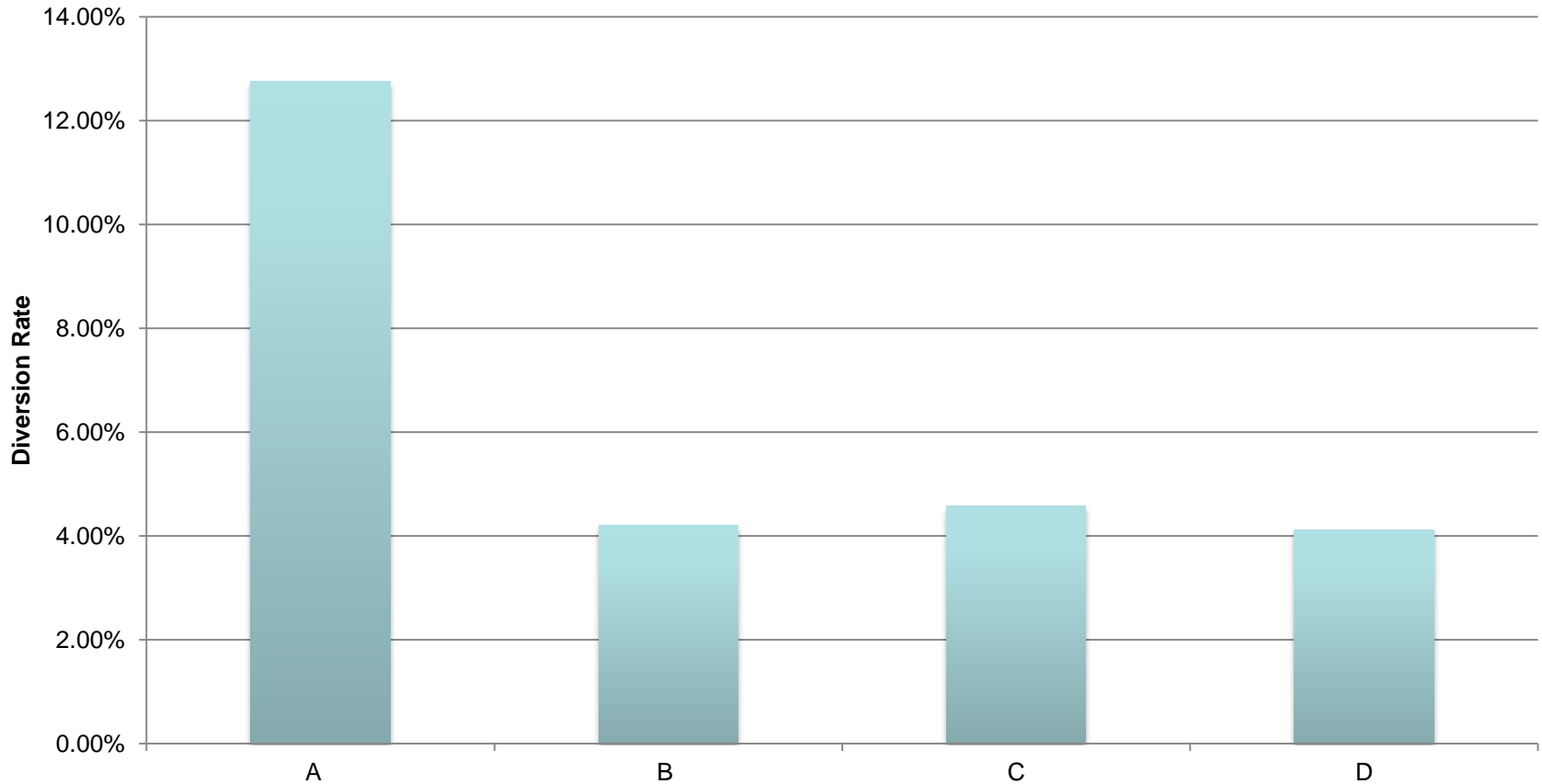
- Co-locating garbage & recycling





# Economic Influences

Figure 6-2 Diversion Rate by Price Class



ALN Apartment Data, Inc. – Price Class – Price per square foot of each unit



# Summary

- Multifamily recycling rate approximately 6%
- Participation rate approximately 50%
- Biggest challenge: Tenant Apathy
- Managers request more educational tools and help with education programs
- Strengthen Fort Worth ordinance
- Broader Study of All Price Class & Exempt/Wavier Sites





# Program Credit

Debbie Branch, Resource Recovery Planner

[Debbie.Branch@FortWorthTexas.Gov](mailto:Debbie.Branch@FortWorthTexas.Gov)

817-392-5151

Lara Su Turan, City Intern

[LSTuran@yahoo.com](mailto:LSTuran@yahoo.com)



# Program Questions