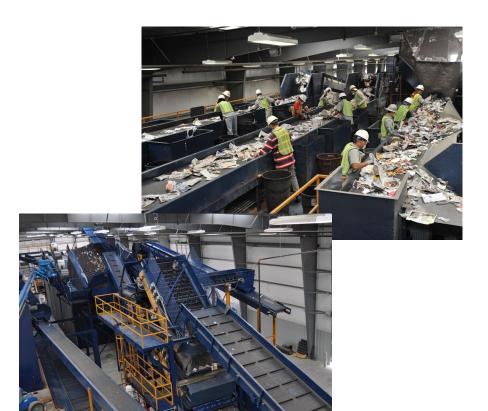
Resource Recovery Program

City Council Workshop August 18, 2020



Purpose

- Provide background information on the evolution of the Resource Recovery division
- Partnership with contractors to execute the Comprehensive Municipal Solid Waste Plan
- Evaluating the program to increase landfill diversion





Comprehensive Municipal Solid Waste Plan- Goals

Completed March 2012

- Goal #1: Increase Public Awareness and Education
- Goal #2: Increase Waste Diversion
- Goal #3: Evaluate and Implement Cost Efficient Services
- Goal #4: Establish Land Development Codes to address Municipal and Commercial, Multifamily and Downtown Solid Waste Issues
- Goal #5: Correlate Economic Development Policies that Encourage New Recycling Businesses and Expansion of Existing Businesses
- Goal #6: Explore Service Options



History of Waste Management with TDS

Residential

Year	Service	Results
2003-2008	Trash: 2X week with 96-gal cart Recycle: 1X week with 18-gal bin	Very inefficient and costly, approximately 50% of homes did not utilized both service days, 70% of waste was handled on first pickup day; 30% of waste was handled on second pickup day. Recycle participation- poor
2008-2009	Trash: 1X week with 96-gal cart Recycle: 1x week with 18-gal bin	Reduction from 2X to 1X trash service increased recycle participation
2009-2015	Trash: 1X week with 96-gal cart Recycle: 1X EOW with 96-gal cart	Increase in material accepted and increase recycle storage capacity, which increased recycle participation
2015-present	Trash: 1X week with 65 or 96-gal cart Recycle: 1X EOW with 96-gal cart Compost: 1X EOW with 96-gal cart	Recycling participation stayed the same. Green Waste diverted more material from the landfill.

Multifamily- 2010 single stream recycling was implemented: ""

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Current Residential Rate Includes...

- Curbside service for trash, recycle and green waste- pay are you throw program; bulk pickups; brush once a month at TDS
- Drop Off facility at Green Guy Recycling
- Household Hazardous Waste (HHW)
 Drop Off- twice a week
- Brush Drop Off- second Saturday each month; mulch available
- Community Clean Ups: 4 per year (April, May, September and October)
- Service of downtown trash/recycle public containers
- Administration and Educational Outreach
- Pharmaceutical Drop Off- not in rate





City Facilities

- Deskside
 - 28-quart recycle bin with sidekick trash
- Separation of materials
- Renovations
- Tree Trimming
 - All city contractors dispose at the Brush Drop Off
 - Mulch is used by city staff for garden beds
- Coming
 - breakroom eco-stations







Contracts

TDS

- Residential service
- Multifamily recycling
- City facility trash and compost
- Special event trash and compost
- Community Clean Ups

Green Guy Recycling

- City facility recycling
- Special event recycling
- Community Clean Ups
- HHW Labor
- Drop Off Facility

Clean Earth of Alabama

- HHW disposal
- MS4 disposal

Eggermeyer Land Clearing

- Brush mulching
- Easter Seals
 - Downtown trash/recycle service (4 days/week)



Contracts continued

TDS

- 2003: First contract
- 2008: Second contract
 - Term January 31, 2016
 - One additional five-year term
 - 2009: Added single-stream recycling
 - 2010: Added multifamily recycling
 - 2015: Added green waste; modified contract to fiscal calendar; new terms: term September 30, 2020 with two additional five-year terms
- Waiving 3% increase to contract for FY21- savings: ~\$111,722.88

Green Guy Recycling

- 2009: First Contract
 - Term June 30, 2013
 - Extended contract one year
- 2014: Second Contract
 - Extended for first of two five year renewals- July 1, 2019
 - Term June 30, 2024



Evaluating the Program

Residential- recycling and composting audits

- Summer 2020: auditing recycle carts throughout the whole city; noting if the resident is participating or not; how full is the cart; how much is contaminated; and what are the contaminates
- Fall 2020: auditing compost carts throughout the whole city; same as recycle

Survey

Random sample of residents to provide input on the whole program

Multifamily- The Recycling Partnership

- Evaluated 3 different ways to increase participation and lower contamination
 - Education only- new magnets
 - Education and bin
 - Education and bin with valet service



Comparative Rates

- Annual comparison with regional and comp plan cities
 - Austin, Buda, Kyle, Wimberley, New Braunfels, Georgetown, Denton, Frisco
- San Marcos is competitive within the region while providing more service
 - More Bulk Pickups, Four (4)
 Community Cleanups, monthly
 Brush Drop Off and mulch,
 Green Guy Recycling- certain
 items free





Awards

Keep Texas Beautiful

- 2017: Resource Recovery Program: Outstanding Program- Population 30,000-50,000
- 2019 Sights & Sounds of Christmas: Zero Waste Event
- 2020- Resource Recovery/Keep San Marcos Beautiful: Media Award

State Of Texas Alliance for Recycling

2017: Resource Recovery Program

San Marcos Chamber of Commerce

 2018: Sights & Sounds of Christmas: Green Business

TCEQ- Environmental Excellence

2020 Finalist: Resource Recovery Program

Grants

Keep Texas Beautiful

 2018: Dr. Pepper Snapple/Keep America Beautiful Park Recycling Grant: 18 recycling bins at the Gary Softball Complex

The Recycling Partnership

 2019: Multifamily recycle study: new outreach material; 4,000 18-gal bins; 6 interns to distribute material/bins and conduct valet service (\$125,000)

State of Texas Alliance for Recycling

 2020: Busch Systems Bin Grant: 30 28-quart recycle bins with trash sidekick; 4 waste watchers for breakrooms

CAPCOG

 Multiple years: Grants to have off-site HHW events in Dripping Springs



Next Steps

- Complete program evaluation in 2020
- Come back to Council with recommendations to expand the program
 - prepare to go out to bid before the extension expires September 2025
- Household Hazardous Waste Relocation
 - Office and storage space for Resource Recovery and Community Enhancement division
 - Adding space for reuse and fix it workshops



Questions