

Zero Waste Advisory Commission Universal Recycling Ordinance Committee

June 4, 2019



Item 4a

Multifamily Organics Collection Survey Results

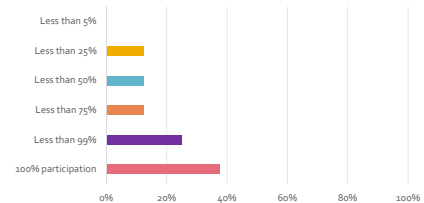
Survey Results

- Number of participating properties: 10 / 41
- Majority of survey participants represented dormitory housing
- Composting program(s) used:
 - Collection service by a private hauler: 9 / 10
 - Onsite: 1 / 10
- 8 provided composting to tenants
 - 2 charge an additional fee for the service
- 2 provided composting to employees only



Survey Results

If composting service is offered to property tenants, what is the estimated percentage of tenant participation at the property?





Item 4b

Multifamily Organics Pilot Timeline



Commercial Organics Pilot: Summary, 2012

- 16 participating restaurants
- 2 vendors awarded contract
- Compost and recycling services piloted
- Identified costs, challenges, solutions
- Education, signs, containers
- 6 month pilot – extended to 12
- \$83,000 total pilot cost




Multifamily Organics Pilot Outline: Proposed

- **Property types:** high rise, large apartment complex (over 20 units), small apartment complex (under 10 units), and dormitories
- **Locations:** geographically distributed across Austin, estimated 7 properties
- **Start date:** pilot included in FY 20 budget pending Council adoption
- **Duration:** 18 months (anticipating 6 month pilot) including contract development, review and award
- **Service:** Multiple vendors (cart and dumpster service)




Multifamily Organics Pilot Outline: Proposed

- Estimated factors for measurement:
 - Container size
 - Price
 - Container space on property
 - Contamination levels
 - Tenant participation rates
 - Property manager and tenant survey
 - Hauler and processor survey



Item 4c

Universal Recycling Ordinance Amendment

Ch. 15-6 Administrative Rules

8.5.1.1 Capacity Performance Standards

8.5.1.1.1 Minimum recycling service capacities are established to ensure that adequate storage capacity and collection service is available for diverting recyclable and compostable materials onsite from disposal.

8.5.1.1.2 Multifamily properties—Responsible Parties shall ensure that onsite recycling services have a minimum of ~~6.4 gallons~~ 24 gallons of recycling capacity per dwelling per week, or an equal 1:1 ratio of landfill trash to recycling capacity. ~~The following weekly capacity equivalencies and requirements are established for the purpose of these Rules (one (1) cubic yard equals 202 gallons):~~

~~8.5.1.1.2.1 One cubic yard per 32 dwelling units per week.~~

~~8.5.1.1.2.2 One 96-gallon cart per fifteen (15) dwelling units per week.~~



Capacity change – Impacts

	24 gal/dwelling/wk	1:1
Total additional capacity (CY)	9,731-93	175,401.74 *
Average additional capacity/property (CY)	7.66	113.31 *
Number of properties already meeting the proposed minimum	441	163
% already meeting the proposed minimum	26%	10%

* If property maintains current trash capacity

1,880 Total Multifamily Properties



Capacity change – Impacts

Properties meeting proposed minimum		
	24 gal/unit/wk	1:1
Apartments	20%	7%
Condos	35%	13%
Mobile home	54%	13%
Nursing home	42%	25%
Dormitory	45%	13%
Other	43%	21%

Properties where 1:1 ratio results in less than 24 gal/unit/week

76



Item 4d

URO Amendment: Path to Council

URO Amendment: Path to Council

Step	Estimated Date
Stakeholder meetings	July 2019
URO Committee review	August 2019
City Clerk & Law review	August/September 2019
ZWAC review	September 2019
City Council review	October 2019



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Ch. 15-6 Admin Rules, Contd.

8.5.1.1.3 Commercial properties—Starting October 1, 2014, Responsible Parties shall ensure that onsite diversion service capacity for recyclable and organic materials is at least 50% of the service capacity for all materials collected at the property. In other words, the ratio of the recycling and organics diversion service capacity shall be at a minimum 1:1 ratio compared to landfill trash.

