



Solid Waste Code

Proposed Revisions

May 10, 2016



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Discussion

Proposed Revisions to the Code

1. Multifamily residential
2. General revisions
 - Antiquated language
 - Definitions

Solid Waste Operations Research

1. Hauler licensing/truck fees



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Proposed Revisions Multifamily Residential



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Background on Multifamily Residential

- Historically, the City has been responsible for solid waste collection at all residential properties in the city, including multifamily developments
- In April 2015, ARS 49-746 was amended, establishing Multifamily Residential Properties as its own class of customer
- The amendment allows private waste haulers to compete for multifamily residential collection services
- ARS 49-746 goes into effect July 1, 2016



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Multifamily Residential Collections Considerations

Multifamily residential customers comprise 24% of the city's commercial collection revenue, generating an estimated \$696,816/year

- Competition created by ARS 49-746 will likely result in account losses
- In order to remain competitive, the proposed rate structure accounts for efficiencies realized from customers with high volume in a small geographic area, such as some multifamily properties
- The new rates will decrease collection revenues by approximately \$66,000/year, if all accounts are retained
- However, we believe the new rates will help solid waste avoid greater losses from losing customers



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Multifamily Residential Landfill Considerations

Multifamily Residential customers comprise 46% of the commercial tonnage taken to the landfill, generating an estimated \$560,356/year

- The landfill needs to collect a certain amount of tonnage to coverage overhead costs.
- If the City were to lose multiple multifamily residential customers, the daily tonnage collected could fall below the amount need to cover landfill overhead costs.



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Multifamily Residential Definition



7-04-001-0002 DEFINITIONS

MULTIFAMILY RESIDENTIAL PROPERTIES:
Means any real property that has one or more structures and that contains five or more dwelling units for rent or lease that are subject to Title 33, Chapter 10 of the Arizona Revised Statutes



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Multifamily Residential Rate Considerations

Recommended rate adjustments allow the City to remain competitive in the collections market and to secure appropriate waste tonnage at the landfill

- Competitive rates coincide with existing commercial rate structure
- Current commercial rate structure based on container size and level of service

New rate structure will allow for collection density and waste volume pricing



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Current Commercial, Industrial, and Multifamily Residential Rate Structure

The current rate structure does not incorporate volume and density efficiencies

Container Size	1X/Week	2X/Week	3X/Week	4X/Week	5X/Week	6X/Week	7X/Week
6 Cu. Yd 1 Bin	94.26	166.53	239.05	311.39	383.49	479.89	581.11
2 Bins	150.15	264.34	378.91	493.22	607.14	759.45	919.37
3 Bins	206.49	362.93	519.89	676.48	832.56	1041.22	1260.32
4 Bins	262.80	461.48	660.82	859.70	1057.91	1322.92	1601.17
5 Bins	319.23	560.23	802.03	1043.26	1283.70	1605.15	1942.67
6 Bins	377.07	661.44	946.77	1231.43	1515.14	1894.45	2292.73
7 Bins	433.94	760.98	1089.10	1416.46	1742.73	2178.93	2636.95
8 Bins	490.63	860.18	1230.95	1600.87	1969.55	2462.47	2980.03



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Proposed Commercial, Industrial, and Multifamily Residential Rate Structure

The proposed rate structure incorporates volume and density efficiencies

Container Size	1X/Week	2X/Week	3X/Week	4X/Week	5X/Week	6X/Week	7X/Week
6 Cu. Yd 1 Bin	94.26	166.53	239.05	311.39	383.49	479.89	581.11
2 Bins	150.15	264.34	378.91	493.22	607.14	759.45	919.37
3 Bins	206.49	362.93	519.89	676.48	832.56	1041.22	1260.32
4 Bins	231.27	406.10	581.52	756.54	930.96	1164.17	1409.03
5 Bins	271.34	476.19	681.72	886.77	1091.14	1364.37	1651.27
6 Bins	309.20	542.38	776.35	1009.77	1242.42	1553.45	1880.04
7 Bins	338.48	593.56	849.50	1104.84	1359.33	1699.57	2056.82
8 Bins	367.97	645.13	923.22	1200.65	1477.17	1846.85	2235.02



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Proposed Revisions General



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General Revisions

Throughout the code general revisions are needed including:

- Improve definitions
- Remove rate escalator
- Include residential glass collection guidelines



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Examples General Revisions



7-04-001-0002 DEFINITIONS

RESIDENTIAL SOLID WASTE/RECYCLING COLLECTIONS: The collection or removal of residential solid waste/recycling from one or more residences

- This term is not used in the code



7-04-001-0011 BURNING SOLID WASTE

It shall be unlawful to attempt to burn solid wastes within the corporate limits of the City ~~without written permission of the Fire Department.~~

- Burning of solid waste is not allowed within City limits



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Examples General Revisions



7-04-001-0009 FEES

~~Rate Escalator: A 5% rate increase escalator shall apply to the rates for the following services: commercial trash and recycling collection, residential collection, hoist and haul, and the posted landfill tipping fee...~~

- Adopted as part of the 2007 code revisions, the intent was to gradually bring fees for collections up to true costs over five years, the terms for the revision have been executed and have expired



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Examples General Revisions

7-04-001-0007 COLLECTION PRACTICES

Residential Glass Recycling

- \$3.55/ month
- Glass Collection occurs on the Wednesday of your section's Bulk Pickup Week
- All colors of glass are accepted
- Glass should not be placed in the 90 gallon curbside recycle container
 - *Glass collection is not addressed in the current version of the Solid Waste Code*



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Research on Solid Waste Operations



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Operations Research License/Truck Fees

Hauler License/Truck Fees could cover Solid Waste operational costs

- The City's private waste hauler license fee is \$50
- Fees throughout the state range from \$250-\$2,000

Community	Annual	Fee
City of Scottsdale	License Fee	\$250.00
	Per Truck	\$750.00
City of Glendale	Permit Surety	\$2,000.00
	Per Truck	\$1,000.00
Town of Gilbert	Application	\$500.00



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Thank you Questions?



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