

City of
Gainesville

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City of Gainesville Public Works

**Solid Waste Overview
& Update**
August 8, 2024

Agenda



Zero Waste
Ordinance Overview &
Update



Pay As You Throw



Solid Waste Fund
Transfer for
Roadways



Invitation to
Negotiate Status



Costs and
Proposed Fees



Staff
Recommendations



Zero Waste Ordinance Overview and Update

Zero Waste Overview And Update

Ordinance Dates – Commercial Businesses

- June 2, 2022 – Zero Waste Ordinance 210129 Adopted – Chapter 27, Article III of City Code

Effective Date	Ordinance Requirements for Commercial Businesses
September 2022	<ul style="list-style-type: none">• Single-use accessories by request only• Recycling containers must be adjacent to public litter containers• Broader minimums for recycling requirements• Increased collection frequency at food service facilities
January 2023	<ul style="list-style-type: none">• Food waste diversion for food generators 25,000 square feet or larger

Zero Waste Overview And Update



Ordinance Dates – Commercial Businesses

- June 2, 2022 – Zero Waste Ordinance 210129 Adopted – Chapter 27, Article III of City Code

Effective Date	Ordinance Requirements for Commercial Businesses
June 2023	<ul style="list-style-type: none">• Food waste collection for commercial locations with more than one cubic yard of food waste• Pharmacy needle and prescription take-back

Zero Waste Overview And Update



Ordinance Dates – Multi-Family Properties

- June 2, 2022 – Zero Waste Ordinance 210129 Adopted – Chapter 27, Article III of City Code

Effective Date	Ordinance Requirements for Multi-Family Properties
September 2022	<ul style="list-style-type: none">• Property provided education and equipment
June 2023	<ul style="list-style-type: none">• Increased collection frequency to at least twice per week• Properties that have multiple buildings with 4 units or less will be converted to dumpster service
July 2023	<ul style="list-style-type: none">• Reuse plan submission for properties with 200+ units
June 2024	<ul style="list-style-type: none">• Food waste collection
January 2025	<ul style="list-style-type: none">• Reuse plan submission for properties with 50+ units

Zero Waste Overview And Update



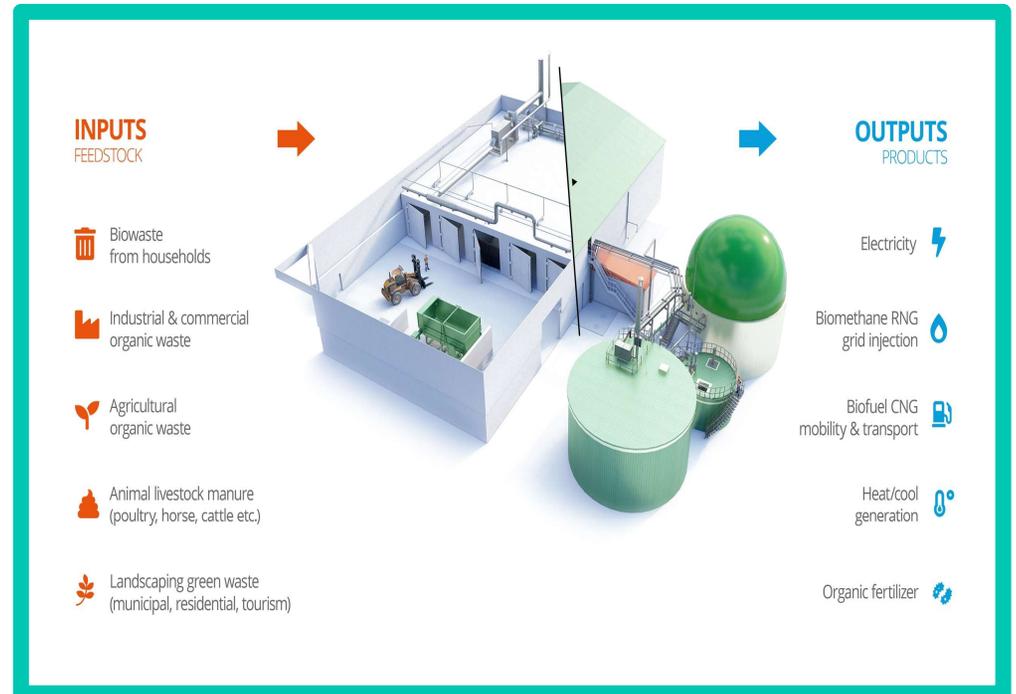
Enforcement of Ordinance

- June 2, 2022 – Zero Waste Ordinance 210129 Adopted – Chapter 27, Article III of City Code
- Enforcement efforts are ongoing for current commercial and multi-family requirements of the ordinance
- It is not practical to enforce the food waste sections of the ordinance due to a lack of infrastructure
- Currently partnering with nonprofit organizations for networking and resources

Zero Waste Overview And Update

Anaerobic Digester Feasibility Study

- Commission approved feasibility study with CDM Smith on April 18, 2024
- Study will begin this fiscal year and is expected to take three years
- Study will provide a detailed analysis for a regional anaerobic digester and solutions for organic waste disposal



Local Large Scale Composters



LifeSoils LLC. and Sunshine Composting & Organics

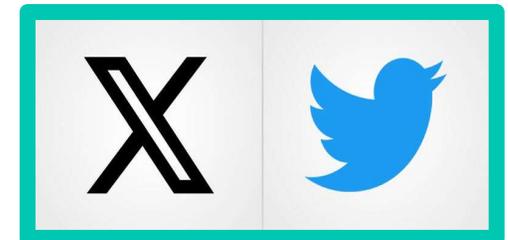
- County approved staff to negotiate with Sunshine for composting facility in the Alachua County EcoLoop
- Sunshine will produce compost and bio-char from food waste, yard waste, and manure
- Newberry commission authorized 30 year lease with LifeSoils for large scale composting
- LifeSoils has the contract to manage GRU's biosolids
- LifeSoils won bid to manage the County/City yard waste debris



Zero Waste Overview And Update

Current Education and Awareness

- Website content on city's site
- Social media platforms
- Mailers sent to multi-family properties and food service providers
- Workshops, both virtual and in-person
- One-on-one site visits to local establishments
- Participate in smaller community events to promote zero waste



Zero Waste Overview And Update

Upcoming Education and Awareness

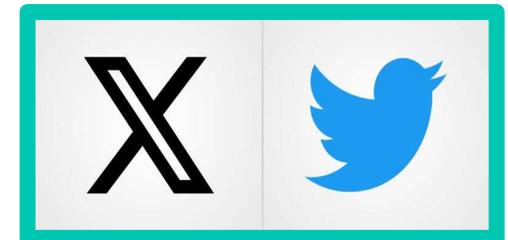
- Multi-faceted approach that combines education, community involvement, and strategic partnerships
- Presentations and webinars featuring experts in zero waste
- Partnerships with eco-influencers and thought leaders
- Hashtag campaigns to unify posts and track engagement
- Encourage followers to share their zero waste practices and tag the campaign



Zero Waste Overview And Update

Upcoming Education and Awareness

- Ambassador programs to advocate for zero waste initiatives within their circles
- Corporate partnerships to collaborate and adopt zero waste practices
- Secure spots on talk shows, podcasts, and news segments to discuss zero waste initiatives
- Showcase case studies of individuals, businesses, and communities successfully implementing zero waste practices





Pay As You Throw

Garbage Cart Tipping Analysis

Pay As You Throw

- Encourages recycling
- Ensures proportional pricing
- Increased recycling decreases tonnage to landfill
- Four cart sizes offered

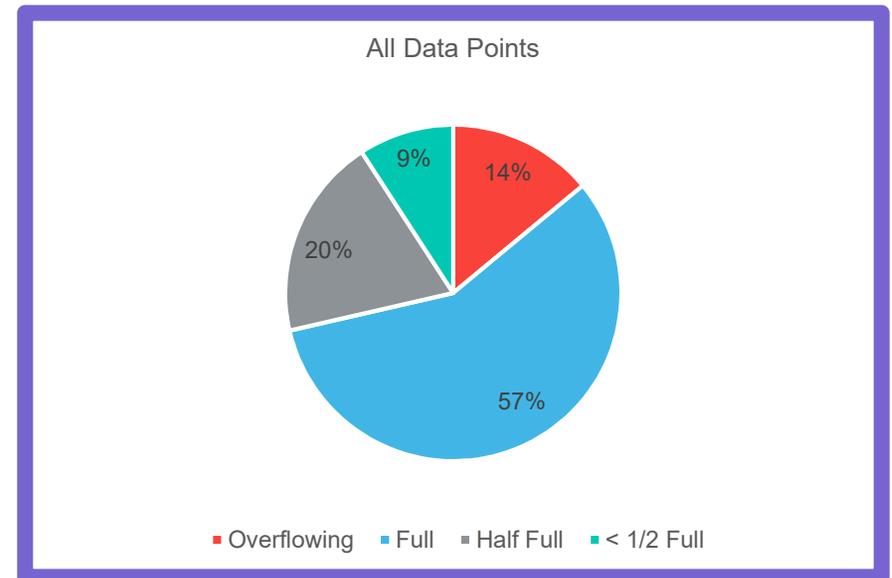


Total Residential Carts	4,436	11,691	8,049	3,965
	16%	42%	29%	14%

Garbage Cart Tipping Analysis

Pay As You Throw

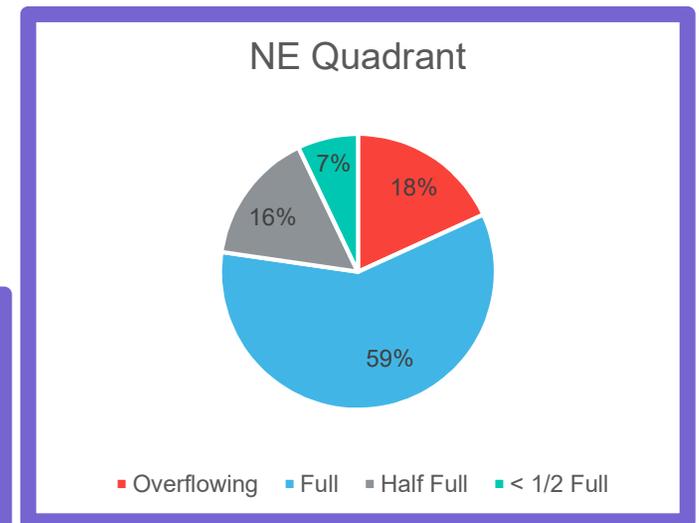
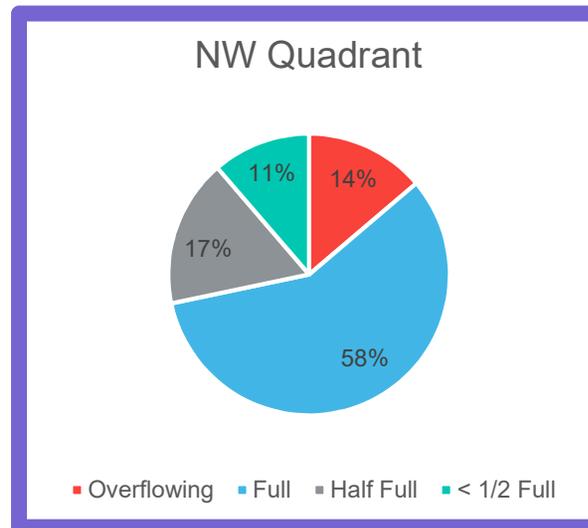
- Analysis performed over an 11 month period
- 95 gallon and 64 gallon cart sizes were monitored for data analysis
- Results determined 90.8% of all carts were at least half full



Garbage Cart Tipping Analysis

Pay As You Throw

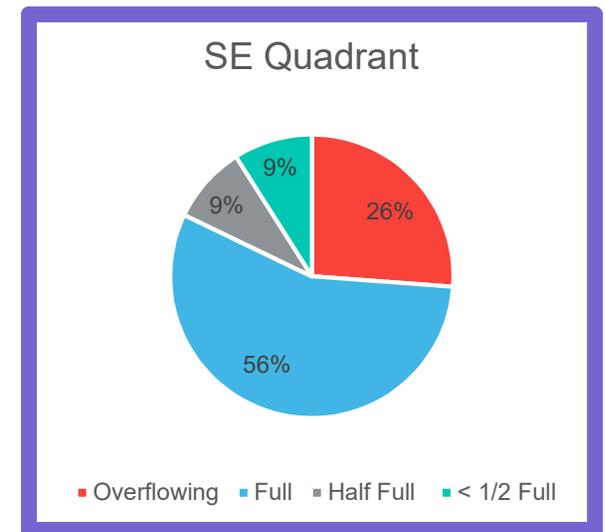
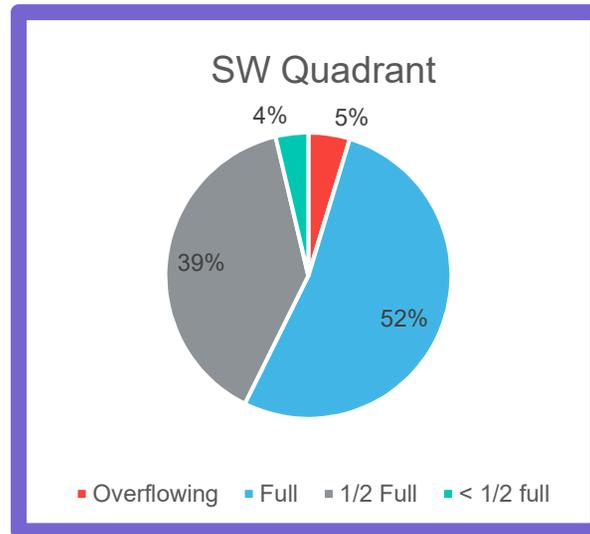
- The northwest and northeast quadrants had no significant variances from the overall results



Garbage Cart Tipping Analysis

Pay As You Throw

- The southwest quadrant had the most full and half-full garbage carts at 91.7%
- The southeast quadrant had the most overflowing garbage carts at 26.2%



Garbage Cart Tipping Analysis

Pay As You Throw

- 95 gallon and 64 gallon carts were surveyed totaling 19,000 data points
- Only 10 locations had more than one week of half-full or less than half-full garbage carts
- 95 gallon and 64 gallon carts account for 57.31% of all residential garbage carts in the city
- Overwhelmingly, garbage carts are full on any given collection day



Garbage Cart Tipping Analysis

Pay As You Throw

- Key way to encourage recycling and provide an opportunity for neighbors to control waste costs
- Majority of neighbors have a cart size that meets their needs
- Contributes to the city's zero waste initiative by encouraging recycling
- Annual mailers, new move-in mailers, and bi-annual social media posts used to educate neighbors





Solid Waste Enterprise Fund Transfer

Solid Waste Enterprise Fund Transfer



Pavement Management Fund Transfer

- Engineering calculation utilized to estimate the proportionate share of trash & recycling truck damage to roadways; construction costs have increased over time.
- Original 1992 calculation resulted in \$840,000 maximum transfer
- Updated 2011 calculation resulted in a \$1,730,000 maximum transfer
- Updated 2024 calculation results in a \$4,880,000 maximum transfer
- Transfer has averaged approximately \$1,200,000 since 2011
- Based on current pavement backlog, \$5,400,000 - \$7,200,000 should be allocated annually across all funding sources for pavement management.



Waste Hauler Invitation To Negotiate Status

ITN For Exclusive Hauler

Background

- Still in the “Cone of Silence” period
- Solicitation for exclusive hauler issued December 2021
- Award of the solicitation delayed due to litigation from “displaced haulers”
- National Waste & Recycling association filed a federal lawsuit July 2022 and was dismissed January 2023
- Settlement reached with 2 of 3 “displaced haulers”
- Discussions with third hauler continue; estimated exposure amount is \$5,275,184 plus legal expenses



ITN For Exclusive Hauler

What's in The Invitation to Negotiate

- Exclusive hauler for single family (garbage, recycling, bulk trash, and yard waste), multi-family (garbage, recycling, and bulk trash), and commercial (garbage and bulk trash)
- 10 year term with two optional 5 year renewals
- Electric garbage and recycling trucks or, bio-diesel fueled garbage and recycling trucks
- CPI of no more than 4% annually



ITN For Exclusive Hauler

What's in The Invitation to Negotiate

- Exempted from the exclusive hauler agreement are organic waste required by city for diversion, construction and demolition debris, commercial and multi-family yard waste, land clearing debris, disaster debris, sludge, solid waste and by-products generated from an industrial process, hazardous materials, scrapped vehicles, animal waste, and non-standard wastes generated by government operations





Costs and Proposed Fees

Costs and Proposed Fees

Inflationary Cost Increases

Year	Curbside Collection Cost	County Disposal Cost	County Recycling Cost
2019	\$4,549,518/Year	\$48 Per Ton	Sliding Scale (\$35) - \$50 Per Ton
2020	\$4,800,000/Year	\$48 Per Ton	Sliding Scale (\$35) - \$50 Per Ton
2021	\$4,800,000/Year	\$52 Per Ton	Sliding Scale (\$35) - \$50 Per Ton
2022	\$4,950,000/Year	\$52 Per Ton	Sliding Scale (\$35) - \$50 Per Ton
2023	\$6,000,000/Year	\$57 Per Ton	Sliding Scale (\$35) - \$50 Per Ton
2024	\$6,600,000/Year	\$57 Per Ton	Sliding Scale (\$35) - \$50 Per Ton
2025	\$6,864,000/Year	\$65 Per Ton	Sliding Scale (\$35) - \$125 Per Ton

- Recycling sliding scale is based on the market value for blended average sold from MRF

Costs and Proposed Fees

Inflationary Cost Increases

- Contract curbside collection has increased 50% from 2019 which equates to an inflationary cost increase of \$2,314,482 through the FY 2025 period
- Alachua County tipping fees for garbage disposal have increased 35% from 2019 which equates to an increase of \$358,870 through the FY 2025 period
- Alachua County recycling fees have changed and are estimated to cost the City \$300,000 more for FY 25 which 305% increase since FY 2019
- Total annual cost increase since 2019 totals \$2,973,352

Costs and Proposed Fees

Proposed Fee Schedule

● Current Rates



\$40.75 | \$32.75 | \$26.50 | \$20.50

Franchise Fee: 10%

● Proposed Rates



\$50.94 | \$40.94 | \$33.13 | \$25.63

Franchise Fee: 15%

● Proposed rates reflect a 25% increase in residential cart costs

Costs and Proposed Fees

Proposed Fee Impacts

- A 25% increase in cart rates results in an additional \$2,530,000 per year in revenue
- Increasing the Franchise Fee to 15% results in an additional \$730,000 per year in revenue

Fee Definitions

- Cart rates are a charge for services for residential curbside garbage, recycling, yard and bulk waste pick-up
- Franchise fees are based on gross revenues of each hauler, are collected per ordinance and authorizes haulers to provide solid waste collection in the City Limits. Fees support all Solid Waste services.

Costs and Proposed Fees

End of FY23 Fund
Balance: \$6.7 M

Proposed Fee Impacts

Year	Revenues	Expenses	Transfer to Roadways	Fund Balance
FY24 Modified	\$11,400,277	\$13,012,029	\$232,000	\$(1,843,752)
FY 25 without Fee Changes	\$12,188,714	\$14,596,550	\$2,000,000	\$(4,407,836)
Recommended FY 25 with Fee Changes	\$15,425,662	\$14,596,550	\$2,000,000	\$(1,170,888)
FY 25 with Fee Changes and Minimum Transfer	\$15,425,662	\$14,596,550	\$800,000	\$29,112



Staff Recommendation

Staff Recommendation

City Commission accept staff's recommendation to amend Appendix A – Schedule of Fees, Rates and Charges to increase the commercial franchise fee to 15% and to increase the residential garbage cart fees by 25%.

Questions?

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