



# **Alachua County Solid Waste 2020 Budget “Deep Dive”**


# Alachua County

## Solid Waste and Resource Recovery Department

### Comprehensive Plan Policies

#### **GOAL 1**

TO PROVIDE CLEAN, EFFICIENT, ECONOMICAL, AND ENVIRONMENTALLY SOUND MANAGEMENT OF SOLID WASTE RESOURCES IN ALACHUA COUNTY.



# Alachua County Solid Waste and Resource Recovery Department

## **Vision:**

Transitioning the current disposal and transfer system to a resource recovery based system.

## **The Department will:**

Be a benchmark leader in efficient, cost effective technology in the industry.

Use the latest, viable, and cost effective technology in the industry.

Be recognized as a model for programs and customers.

Be networked with other providers of resource recovery.



# Funding Sources

## Fund 148 - Municipal Service Refuse Assessment

- Residential Curbside Collection
- Tax Bill

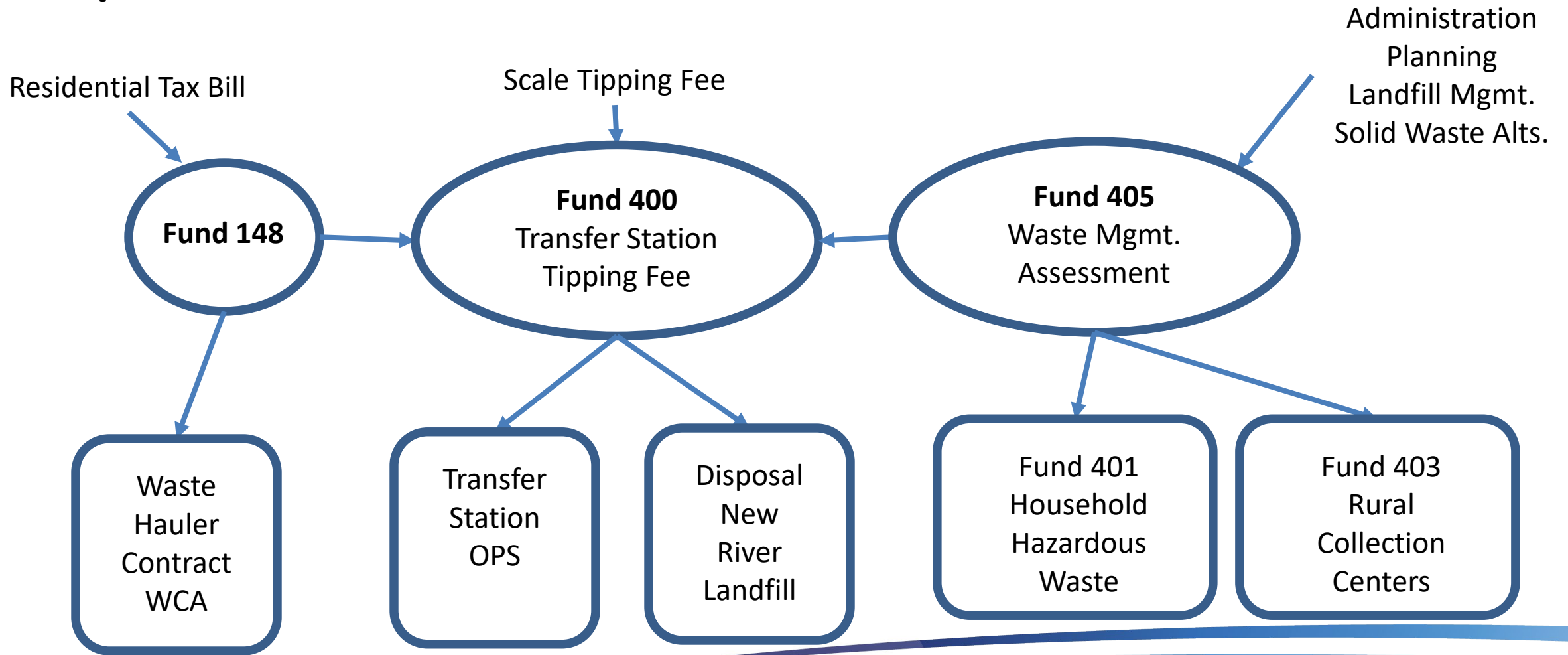
## Fund 400 – Tipping Fees

## Fund 403 – Rural Collection Center Assessment

## Fund 405 – Solid Waste Management Assessment




# Expenditure Accounts



# Financial Policy

POLICY: Maintain \$2.5 million in retained earnings (cash on hand) in Solid Waste Funds.

- Currently at \$4.7 million (which includes \$1.9 in Fund 400)
  - The retained earnings were approximately \$15.4 million in 2017.
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# Division Summary


- Leveda Brown Environmental Park and Transfer Station
  - Materials Recovery Facility
  - Rural Collection Centers
  - Hazardous Waste Management
  - Engineering and Compliance Monitoring
  - Office of Waste Collection
  - Office of Waste Alternatives
  - Solid Waste Administration
  - Eco-Industrial Park
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# Leveda Brown Environmental Park and Transfer Station

Allen Betz, Transfer Station Manager

- The Leveda Brown Environmental Park and Transfer Station serves as the heart of the County's solid waste system
- Residential and commercial solid waste is processed and transported to the New River Regional Landfill in Union County

The Next Five Years:

- Maintenance and repairs at existing facility
  - Opening of a secondary transfer station in the western part of the County
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# Materials Recovery Facility

Charlie Hobson, Materials Recovery Facility Manager

- Facility receives, processes, and markets recyclable commodities. Materials received at this facility come from both residential and commercial sources.
- Alachua County employs a dual stream recycling system in order to keep contamination to a minimum.

## The Next Five Years

- Upgrades to increase efficiency (optical sorter for plastics)




# Rural Collection Centers

Sam Sullivan, Rural Collection Center Supervisor

- Drop off facilities for garbage, recyclables, bulk materials, scrap metal, yard waste, and household hazardous waste
- These sites are for the exclusive use of residential customers, primarily those who do not receive curbside collection service

The Next Five Years:

- Stormwater management and paving improvements
  - Construction of new Rural Collection Center (High Springs / Alachua replacement)
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# Hazardous Waste Management

Josh Prouty, Hazardous Waste Coordinator

- County-wide system for the proper disposal, reuse, and recycling of hazardous materials, automotive fluids, household chemicals, unwanted pharmaceuticals, waste vegetable oil, latex paint and electronic waste materials generated by households and small businesses.

## Next Five Years

- Hazardous Waste Collection Center (Collocated with Rural Collection Center)




# Engineering and Compliance Monitoring

David Wood, Professional Geologist

- Permitting and compliance monitoring of County-operated solid waste management facilities, including the County's closed landfills

## Next Five Years


- Northeast Landfill – permanent location of a disaster debris management site for the County
  - Southwest Landfill – intensive monitoring should be completed within the next five years.
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# Office of Waste Collection

Patrick Irby, Acting Waste Collection Manager

- Monitors and manages the curbside collection contract
- Handles all customer service calls and complaints
- Preparation of non-ad valorem assessments

## The Next Five Years

- Securing new curbside collection contract. This agreement is set to expire on September 30, 2021, and has the option for one additional five-year renewal
  - Increase in disposal and processing of recyclable materials costs
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# Office of Waste Alternatives

Jeff Klugh, Acting Waste Alternatives Manager

- Educational branch of the Solid Waste and Resource Recovery Department
- Enforcement of mandatory commercial recycling ordinance

## The Next Five Years

- Increase outreach efforts with the commercial sector



# Solid Waste Administration

Gus Olmos, Interim Director

- Leadership, direction, oversight, and administrative support to the various solid waste programs
- Liaison with New River Solid Waste Authority, the City of Gainesville, and other County municipalities for solid waste matters


## The Next Five Years

- Maintain Solid Waste Flow Control – Currently achieved through Disposal Agreements with the haulers and the City of Gainesville.
  - Single County contract would improve flow control guarantee.
- Relocation of Solid Waste administrative offices to Leveda Brown Environmental Park




# Contractual Services

## *Staff Recommendation*


- Authorize staff to notify commercial solid waste franchise haulers of displacement.
  - Authorize staff to exercise 5-year contract extension with WCA.
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# Eco-Industrial Park

- Completed construction of the horizontal infrastructure including roadways, sewer connections, and stormwater retention.
  - Next steps: construction of a bulk material storage facility; the leasing of parcels to waste-related industries; and the construction of an incubator facility for waste-based businesses.
  - A separate business plan is being prepared for the Eco-Industrial Park.
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# Ongoing Initiatives

- Resident Collection Contract
  - Flow Control Strategy
    - Consideration of County Contract for Commercial Services
  - ZERO WASTE Strategy
    - City/County Meeting in March
  - Bulk Storage Facility
  - Bulk Flow Study
  - Codes Update
  - Transfer Station Renovations
    - Preliminary design/estimates completed.
    - Leachate system design/installation.
    - Budget discussion during 2020 budget workshops.
  - Alachua/High Springs Rural Collection & Haz Waste Center
    - Reviewing possible site.
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# Ongoing Initiatives: Eco-Industrial Park

- Park Marketing
    - Branding development
    - Strategy
    - At BoCC on March 10, 2020
  - Real Estate Services
  - Research HUB
    - Request for Proposals:  
Architectural and  
Engineering Services
  - Land Lease Agreements
    - Standard Lease Agreement  
Development
    - “Shovel Ready” Designation
  - Innovators Advertisement
    - Request for Proposals
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# Questions

