

# Broward County Solid Waste and Recycling Update

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# County Statutory Obligations

## **Per FS 403.706: Local Government Solid Waste Responsibilities**

- “The governing body of a county has the responsibility and power for the operation of solid waste disposal facilities to meet the needs of all incorporated and unincorporated areas of the county.”

## **Per FS 403.7032: Recycling**

- “By the year 2020, the long-term goal for the recycling efforts of state and local governmental entities, private companies and organizations, and the general public is to recycle at least 75 percent of the municipal solid waste that would otherwise be disposed of in waste management facilities, landfills, or incineration facilities. However, any solid waste used for the production of renewable energy shall count toward the long-term recycling goal as set forth in this part.”

# Solid Waste: Shared Responsibilities

- Broward County is responsible for the disposition and collection of solid waste in the Municipal Services District, including airport, and other County governmental facilities.
- Cities are responsible for collection and disposition of solid waste in their municipal boundaries.
- The County and cities collect commercial solid waste through franchise agreements and/or municipal ordinances.
- In 1986, the County and Cities entered into an Interlocal Agreement (ILA) which established the Broward County Solid Waste Disposal District and the Resource Recovery Board (RRB).
- Under a disposal agreement, 26 of 31 cities (ILA partners) and the County's Municipal Services District delivered residential and commercial solid waste to the two waste-to-energy plants, beginning in 1991. The five non participants were: Dania Beach, Hallandale Beach, Parkland, Pembroke Pines and Pompano Beach.
- RRB ILA and disposal agreements expired in July 2013.

# Solid Waste Transitional Events

- In compliance with FS 403.706, the County negotiated solid waste disposal contracts with two service providers (Wheelabrator and Sun-Bergeron), which provided disposal options for cities and the unincorporated area following the dissolution of the RRB.
- A collaborative effort to locate a new recyclables processing plant in Broward County failed, resulting in each city having to secure its own recycling contract by July 2013.
- The north waste-to-energy plant ceased operations in July 2015.
- Optional programs for household hazardous waste drop-off, bulk/yard waste, and the “Keep Broward Beautiful” programs were continued until a final decision is made regarding the County’s future role in solid waste is determined. These services are offered to cities on a fee-for-services basis, subsidized by the County’s remaining balance in the solid waste fund. This fund balance is projected to be expended by the end of the year. Staff is investigating alternatives to keep the programs going.
- A shell agreement is scheduled to go before the Board on February 27, 2018 to allow cities to codify their commitment to utilize the County’s contract with Wheelabrator for the next renewal period. A recommendation not to renew the Sun-Bergeron contract is included due to the inability to meet satisfactory terms.

# Cities Currently Utilizing Wheelabrator Disposal Agreements

**Table A**

Tonnage to the Waste-To-Energy Plants from Municipalities Utilizing County ILA	2017 Tonnages	Current Waste Disposal Services Vendor
Coconut Creek	43,947	Wheelabrator
Cooper City	26,060	Wheelabrator
Coral Springs	88,223	Wheelabrator
Fort Lauderdale	252,621	Wheelabrator
Lauderdale Lakes	24,237	Wheelabrator
Lazy Lake	-	Wheelabrator
Lighthouse Point	13,988	Wheelabrator
Margate	39,845	Wheelabrator
North Lauderdale	27,510	Wheelabrator
Plantation	73,692	Wheelabrator
Sea Ranch Lakes	265	Wheelabrator
Tamarac	38,060	Wheelabrator
West Park	12,857	Wheelabrator
Wilton Manors	14,198	Wheelabrator
Broward Municipal Services District	28,134	Wheelabrator
Tonnage to the Waste-To-Energy Plants from Other Broward Municipalities (Non-ILA)		
Sunrise	62,642	Wheelabrator
SubTotal:	746,278	

**Notes:**

Estimated current annual capacity of the South Waste-To-Energy plant is 821,250 tons.  
 The South Waste-To-Energy plant was designed to be able to increase annual capacity by an additional 273,750 tons.

# Cities Utilizing Sun-Bergeron or Other Disposal Agreements

**Table B**

Historic Tonnage from Municipalities Not Currently Utilizing the Waste-To-Energy Plants	2012 Tonnages	Current Waste Disposal Services Vendor
Davie	74,626	Sun-Bergeron
Dania Beach	17,437	Waste Management
Deerfield Beach	50,790	Sun-Bergeron
Hallandale Beach	24,499	Waste Connections
Hillsboro Beach	1,403	Sun-Bergeron
Hollywood	79,752	Sun-Bergeron
Lauderdale-by-the-Sea	7,130	Sun-Bergeron
Lauderhill	37,278	Sun-Bergeron
Miramar	63,928	Sun-Bergeron
Oakland Park	32,620	Sun-Bergeron
Parkland	11,472	Waste Management
Pembroke Park	4,184	Sun-Bergeron
Pembroke Pines	100,307	Waste Management
Pompano Beach	79,336	Waste Management
Southwest Ranches	8,251	Sun-Bergeron
Weston	33,133	Waste Management
SubTotal:	626,145	
Totals Table A and Table B:	1,372,423	

**Notes:**

Estimated current annual capacity of the South Waste-To-Energy plant is 821,250 tons.

The South Waste-To-Energy plant was designed to be able to increase annual capacity by an additional 273,750 tons.

# Renewal Provisions with Wheelabrator for Solid Waste Disposal

- **July 2018 – 2023 First Renewal Term:**
  - At the election by the County
  - Notice sent April 2017 of the County's intent to renew for first renewal term.
- **July 2023 – 2028 Second Renewal Term:**
  - County has right to renew if the following two conditions are met:
    - During the First Renewal Term, a minimum of 425,000 tons of Contracted Processable Waste was delivered annually; and,
    - Binding written commitments from governmental entities within the County that collectively generated and delivered 500,000 tons of residential and commercial waste.
- **July 2028 – 2033 Final Renewal Term:**
  - Upon Mutual Consent

# Alpha 250 Site

- Vacant parcel of land located in Pompano Beach previously deemed an asset of the Resource Recovery System.
- Initially slated to be sold as part of the Broward County Solid Waste Disposal District Settlement Agreement.
- Sale of the property delayed to allow for a Solid Waste and Recycling Study, including determining whether retaining public ownership of Alpha 250 land site would facilitate meeting the 75% recycling goal or provide other benefits in connection with solid waste disposal within Broward County.
- If property is sold, the County has right of first refusal; the County gets a share of the sale proceeds for the unincorporated area; the County recovers any money it spends for maintenance of the site until its disposition is determined; and the County is reimbursed the City's share of the consultant contract estimated at \$100,000.



# Consultant Study

The services of a consulting firm (Arcadis U.S., Inc.) was procured to conduct a Solid Waste and Recycling Issues Study to address the following key areas:

- How a 75% Countywide recycling goal may be reached;
- Statistics: solid waste composition and quantities;
- Identifying alternatives and options for achieving recycling goals, evaluating site requirements and geographic distribution for various disposal facilities, and developing conceptual-level cost estimates.
- General solid waste disposal issues including options regarding flow control and potential governance or contractual structures for collaborative management of solid waste disposal.

# Consultant Study - Governance Workshop

- Interim governance workshop scheduled for Wednesday, February 28, 2018.
- The workshop will include a presentation summarizing several types of governance structures (independent, dependent and special districts), noting pros and cons of each.
- Consultant will utilize feedback from the Solid Waste Working Group and other meeting participants on governance options to identify alternatives and options for the future of solid waste management in Broward County.

# Consultant Study: Other Deliverables

- **Draft Study Report to the Solid Waste Working Group**
  - Membership Include: Richard Salamon, Sunrise – chair; Tom Goode, Deerfield Beach; Michael Moore, Miramar; and three County Representatives
  - Due Date: May 2018
- **Conduct two workshops: Mayor's Group and Broward League of Cities**
  - Mayor's Group Membership: Coconut Creek, Fort Lauderdale, Hollywood, Miramar, Sunrise and Weston
  - Due Date: End of May 2018 (Mayor's Group); and Beginning of June 2018 (League of Cities)
- **Final Solid Waste and Recycling Issues Study Report**
  - Due Date: June 2018.