

QUESTION 20 - SOLID WASTE/HAZARDOUS WASTE/MEDICAL WASTE

See State Comprehensive Plan (Chapter 187, F.S.)

GOAL (13); POLICIES (4),(7),(8),(12)

GOAL (16); POLICY (1)

GOAL (18); POLICIES (1),(3),(4),(6)

EXISTING LEVEL OF SERVICE:

ADOPTED LEVEL OF SERVICE STANDARD:

LEVEL OF SERVICE AFTER PROJECT BUILDOUT:

- A. Provide a projection of the average daily volumes of solid waste generated at the completion of each phase of development. Use the format below and identify the assumptions used in the projection.

Table 20.1 Solid Waste Generation				
Land Use	Units	Generation Rate	Domestic Solid Waste Cubic Yards/Day	Generation Tons/Day**
EXISTING				
Vacant	0	0	0	0
TOTALS			0	0
PROPOSED				
Retail	1,625,000 GSF	2 lbs./100 SF*	216.62	16.25
Office	525,000 GSF	1 lb./100 SF*	34.99	2.63
Multi-Family	3,750 units	8.9 lbs./unit*	222.44	16.69
TOTALS			474.05	35.57

* Based on Solid Waste Generation Rates Table as identified in the Broward County Land Development Code.

** Conversion rate of 13.33 yards per ton as per All Service Refuse, Inc.

- B.

1. Please specify the extent to which this project will contain laboratories, storage facilities, and warehouse space where hazardous materials may be generated or utilized. What types of hazardous waste or toxic materials are likely to be generated? Will a hazardous materials management plan be prepared covering all uses of hazardous materials on-site? If so, please discuss contents and enforcement provisions.

No proposed uses are anticipated at this time that would generate hazardous or toxic waste materials. However, as required, any tenant that uses, handles, stores or generates hazardous materials shall comply with all applicable Broward County Environmental Protection Department (BCEPD) requirements.

2. Please discuss what measures will be taken to separate hazardous waste from the solid waste stream. What plans and facilities will be developed for hazardous or toxic waste handling, generation, and emergencies?

If required pursuant to hazardous materials permitting requirements, all hazardous materials will be stored and used in areas appropriate to such use or storage. If required pursuant to hazardous material permitting requirements, an emergency cleanup and disposal plan will be posted in applicable areas that identify emergency contacts and methods of cleanup and disposal as prepared by the applicant for the permit.

3. Please identify off-site disposal plans for hazardous waste generated by this development and provide assurance of proper disposal by a qualified contractor.

Depending on the type of hazardous materials, the Hazardous Materials Management Plan will identify appropriate off-site disposal methods if required pursuant to hazardous materials permitting requirements.

4. What local and state regulations, permits and plans will regulate the generation and handling of hazardous waste at this development?

The Broward County Environmental Protection Department and the Florida Department of Environmental Protection regulate hazardous waste management. If required, any hazardous waste will be regulated in accordance with Chapter 62-781, F.A.C. and Chapter 62-730, F.A.C. as applicable.

- C. For all waste disposal planned (on or off site), attach a copy of the letter from the developer describing the types and volumes of waste and waste disposal areas requested, and attach a letter from the agencies or firms providing services outlining:

1. the projected excess capacity of the facilities serving the development at present

and for each phase through completion of the project.

See #3 below.

2. any other commitments that have been made for this excess capacity,

See #3 below.

3. a statement of the agency's or firm's ability to provide service at all times during and after development (the agency or firm must be supplied with the solid waste generation table in (A)above).

The City of Coconut Creek is served by the Broward County Resource Recovery Facility. Adequate capacity is projected to be available to serve the City's long-range solid waste demands. The current capacity of Broward County's two resource recovery facilities is 1.6 million tons/year or 2,250 tons/day at each plant. The Broward Interim Contingency (BIC) Landfill provides an additional 4.5 million cubic yards of capacity. Additional backup capacity is provided by the Central Disposal Sanitary Landfill in Pompano Beach. The current demand is 1.05 tons/year at the resource recovery facilities and 80,000+/- tons/year at the BIC. Each resource recovery facility is expandable by 33%. A third resource recovery is reserved at the BIC Landfill. At this time, there are no plans through the year 2015 for expansion of existing facilities.

See Attachment 20-1: Solid Waste Verification Letter from the Broward County Solid Waste Operations Division, the service provider.

ATTACHMENT 20-1
SOLID WASTE VERIFICATION LETTER



Public Works and Transportation Department – Waste and Recycling Services

SOLID WASTE OPERATIONS DIVISION

1 N. University Drive, Suite 400 \$ Plantation, Florida 33324 \$ 954-765-4202 \$ FAX 954-577-2392

FAX TRANSMITTAL

To:	Paula Hollihan	From:	Mike Serra
Fax #:	(954) 739-6409	Telephone:	(954) 474-1839
Date:	April 6, 2009	Pages:	3 (Includes cover sheet)
Re:	Land Use Application		



Public Works and Transportation Department – Waste and Recycling Services

SOLID WASTE OPERATIONS DIVISION

1 N. University Drive, Suite 400 • Plantation, Florida 33324 • 954-765-4202 • FAX 954-577-2392

April 7, 2009,

Sent via fax (954) 739-6409 & USPS

Ms. Paula H. Hollihan, P.E.
Craven Thompson & Associates Inc.
3563 N.W. 53rd Street
Fort Lauderdale, Florida 33309-6311

RE: Land Use Plan Amendment Application (Main Street At Coconut Creek CT@A Project # 08-0049)

Dear Ms. Hollihan:

In response to your letter of April 2, 2009 I have reviewed the information provided for this project. It has been determined that Broward County does currently and will continue to have sufficient capacity to receive and process all solid waste generated by this project as outlined in your request.

Attached, is a fact sheet which outlines the current Broward County solid waste processing capacity. Should you have any questions, please don't hesitate to contact me at 954-474-1839.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Serra", written over a horizontal line.

Michael Serra, SPC III
Project Management & Engineering Section



Public Works and Transportation Department – Waste and Recycling Services

SOLID WASTE OPERATIONS DIVISION

1 N. University Drive, Suite 400 • Plantation, Florida 33324 • 954-765-4202 • FAX 954-577-2392

SUBJECT:

Disposal capacity at Broward County solid waste facilities

SERVICE AREA:

Broward County excluding the cities of Dania Beach, Hallandale Beach, Pembroke Pines, Pompano Beach, and Parkland

CURRENT CAPACITY:

- 1.6 million tons/year (two waste-to-energy facilities @ 2,250 tons/day per facility)
- 4,500,000 cubic yards at the Broward Interim Contingency (BIC) Landfill
- Central Disposal Sanitary Landfill (CDSL) provides backup capacity, as needed, in accordance with contractual agreement

CONTRACTUAL REQUIREMENTS:

1,095,000 tons per year at Wheelabrator facilities; none at the BIC Landfill; none at the CDSL

CURRENT DEMAND:

1,095,000 tons per year at Wheelabrator facilities; 30,000-40,000 tons per year at the BIC Landfill

FUTURE CAPACITY:

Each waste-to-energy facility is expandable by 33%. A third waste-to-energy facility location is reserved at the BIC Landfill. There are no plans for expansion at this time.

LOCATION OF FACILITIES:

PROCESSABLE WASTE (Burnable)

Wheelabrator South Broward, Inc.

4400 S. State Road 7

Fort Lauderdale (unincorporated), FL 33314

(Between I-595 and Griffin Road)

Wheelabrator North Broward, Inc.

2600 NW 48th Street

Pompano Beach (unincorporated), FL 33073

(Next to Central Disposal Sanitary Landfill)

NON-PROCESSABLE WASTE (Non-burnable)

Broward County Interim Contingency (BIC) Landfill

7101 SW 205th Avenue

Fort Lauderdale (unincorporated), FL 33332

(East of U.S. 27 on Sheridan Street)

RATES:

\$96.86/ton - Processable

\$50.00/ton - Non-processable

OTHER MAJOR IN-COUNTY FACILITIES:

Central Disposal Sanitary Landfill

2700 NW 48th Street

Pompano Beach (unincorporated), FL 33073

(Private landfill owned/operated by Waste Management)

Reuter Recycling

20701 Pembroke Road

Pembroke Pines, FL 33029.

(Handles waste for non-contract communities)

(Private facility owned/operated by Waste Management)

Note: There are also several other privately owned/operated C&D recycling and disposal facilities throughout Broward County.

Revised December 16, 2008