

**QUESTION 20 - SOLID WASTE/HAZARDOUS WASTE/MEDICAL WASTE**

<p>See State Comprehensive Plan (Chapter 187, F.S.)</p> <p>GOAL (13); POLICIES ( 4),( 7),( 8),(12)</p> <p>GOAL (16); POLICY ( 1)</p> <p>GOAL (18); POLICIES ( 1),( 3),( 4),( 6)</p>
<p>EXISTING LEVEL OF SERVICE:</p> <p>ADOPTED LEVEL OF SERVICE STANDARD:</p> <p>LEVEL OF SERVICE AFTER PROJECT BUILDOUT:</p>

- 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.**

<b>Table 20.1 Solid Waste Generation</b>				
<b>Land Use</b>	<b>Units</b>	<b>Generation Rate</b>	<b>Domestic Solid Waste Cubic Yards/Day</b>	<b>Generation Tons/Day* *</b>
<b>Existing</b>				
Vacant	0	0	0	0
<b>TOTALS</b>			0	0
<b>Proposed</b>				
Retail	1.1 M Gross SF	2 lbs./100 SF*	146.63	11.00
Office	885,000 SF	1 lb./100 SF*	59.05	4.43
Hotel	300 rooms	8.9 lbs./Room*	17.86	1.34
Perimeter Berm	0	0	0	0
<b>TOTALS</b>			223.54	16.77

\* Based on Solid Waste Generation Rates Table as identified in both the Broward County Land Development Code and the Town of Davie Comprehensive Plan.

\*\* 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 the 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?**

Broward County Environmental Protection Department and 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 Town of Davie is served by the Broward County Resource Recovery Facility. Adequate capacity is projected to be available to serve the Town'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 per year at the resource recovery facilities and 80,000+/- tons per year at 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 attached letter dated December 2004 from the Broward County Solid Waste Operations Division, the service provider.



Public Works Department – Waste and Recycling Services

**SOLID WASTE OPERATIONS DIVISION**

1 N. University Drive, Suite 400-B • 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; 40,000-50,000 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, FL 33314  
(Unincorporated Broward County)  
(Between I-595 and Griffin Road)

Wheelabrator North Broward, Inc.  
2600 NW 46<sup>th</sup> Street  
Pompano Beach, FL 33073  
(Unincorporated Broward County)  
(Next to Central Disposal Sanitary Landfill)

**NON-PROCESSABLE WASTE (Non-burnable)**

Broward County Interim Contingency (BIC) Landfill  
7101 SW 205<sup>th</sup> Avenue  
Fort Lauderdale, FL 33332  
(Unincorporated Broward County)  
(East of U.S. 27 on Sheridan Street)

**RATES:**

\$86.81/ton - Processable      \$50.00/ton - Non-processable

**OTHER MAJOR IN-COUNTY FACILITIES:**

Central Disposal Sanitary Landfill  
2700 NW 48th Street  
Pompano Beach, FL 33073  
(Unincorporated Broward County)  
(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 2004

Broward County Board of County Commissioners

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