

**20. SOLID WASTE/HAZARDOUS WASTE/MEDICAL WASTE**

- 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.**

The project will be developed in a single phase over a 10-year period, with full buildout in 2018.

SOLID WASTE GENERATION RIVERBEND DRI					
LAND USE	UNIT	UNITS	GENERATION RATE <sup>(1)</sup>	DOMESTIC SOLID WASTE	
				CUBIC YARDS/DAY <sup>(2)</sup>	TONS/DAY
<b>2013</b>					
Office	SF	1,776,000	1 Lb/100 sf	118.4	8.9
Retail	SF	1,126,000	4 Lbs/100 sf	300.2	22.5
Hotel	Rooms	250	8.9 Lbs/du/day	14.8	1.1
Residential <sup>(3)</sup>	DU	427	8.9 Lbs/room/day	25.3	1.9
<b>2018</b>					
Office	SF	1,605,000	1 Lb/100 sf	107.0	8.0
Retail	SF	20,000	4 Lbs/100 sf	5.3	0.4
Hotel	Rooms	300	8.9 Lbs/du/day	17.8	1.3
Residential <sup>(3)</sup>	DU	0	8.9 Lbs/room/day	0	0
<b>TOTAL</b>				<b>588.8</b>	<b>44.1</b>

Notes:

- (1) Generation rates per Broward County Land Development Regulations  
 (2) Conversion rate of 13.33 cubic yards per ton (All Service Refuse)  
 (3) High Rise, 2 Bedroom

- 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?**

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

Appendix 20-1 contains the letter forwarded to the appropriate agency requesting the availability of waste disposal services, a response to the Applicant's request has not yet been received.

**Appendix 20-1  
Waste Disposal  
Service Availability Letter**

**FAX TO SERVE AS ORIGINAL  
(954) 828-3068**

**MEMORANDUM**

**DATE:** June 23, 2008

**TO:** Greg Slagle

**FROM:** Leigh R. Kerr, AICP

**RE: Riverbend DRI - Solid Waste Service**

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This letter is to advise you of the application for a substantial deviation of a Development of Regional Impact known as Riverbend located in the City of Fort Lauderdale (see map). The DRI regulations require that we contact solid waste providers that service the subject site.

The Riverbend development is proposed to be a mixed-use center located in the City of Fort Lauderdale. This is a two-phase project with phase one completion in 2013 and phase two completion in 2018. The overall development will contain mixed-use development as follows:

Office:	3,381,000 SF
Retail:	1,146,000 SF
Hotel:	550 Rooms
Residential:	427 D.U.s

Please provide us with a letter with your comments as it relates to the following questions per the requirements of the ADA process:

1. The projected excess capacity of the solid waste facilities serving the development at present and for each phase through completion of the project.
2. Any other commitments that have been made for this excess capacity,
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 below).

SOLID WASTE GENERATION RIVERBEND DRI					
LAND USE	UNIT	UNITS	GENERATION RATE <sup>(1)</sup>	DOMESTIC SOLID WASTE	
				CUBIC YARDS/DAY <sup>(2)</sup>	TONS/DAY
<b>PHASE I (2013)</b>					
Office	SF	1,776,000	1 Lb/100 sf	118.4	8.9
Retail	SF	1,126,000	4 Lbs/100 sf	300.2	22.5
Hotel	Rooms	250	8.9 Lbs/du/day	14.8	1.1
Residential <sup>(3)</sup>	DU	427	8.9 Lbs/room/day	25.3	1.9
<b>PHASE II (2018)</b>					
Office	SF	1,605,000	1 Lb/100 sf	107.0	8.0
Retail	SF	20,000	4 Lbs/100 sf	5.3	0.4
Hotel	Rooms	300	8.9 Lbs/du/day	17.8	1.3
Residential <sup>(3)</sup>	DU	0	8.9 Lbs/room/day	0	0
<b>TOTAL</b>				<b>588.8</b>	<b>44.1</b>

Notes:

(1) Generation rates per Broward County Land Development Regulations

(2) Conversion rate of 13.33 cubic yards per ton (All Service Refuse)

(3) High Rise, 2 Bedroom

For your convenience, a location map and sample letter is attached.

Please call with any questions or comments you may have. Thank you for your assistance.

Sincerely,

Leigh R. Kerr, AICP  
President

Attachments.