

**QUESTION 18 - WASTEWATER MANAGEMENT**

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

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

GOAL (13); POLICY (11)

GOAL (16); POLICY ( 1)

GOAL (18); POLICIES ( 1),( 2),( 3),( 4),( 6),(10)

EXISTING LEVEL OF SERVICE:

ADOPTED LEVEL OF SERVICE STANDARD:

LEVEL OF SERVICE AFTER PROJECT BUILDOUT:

- A. Provide, in the table given below, the projected wastewater generation at the end of each phase of development and proposed wastewater treatment. Identify the assumptions used to project this demand.

**Development will occur in one phase. The projected wastewater demand accordingly corresponds to full development of the site.**

Table 18-1 Wastewater Generation			
Phase/Land Use	Wastewater Generation (MGD)	On-Site Wastewater Treatment (MGD)	Off-Site Wastewater Treatment (MGD)
<b>Existing</b>			
Vacant	0	0	0
<b>Proposed</b>			
Retail	0.1625	0	0.1625
Office	0.1050	0	0.1050
Multi-Family	0.9375	0	0.9375
<b>TOTALS</b>	<b>1.2050</b>	<b>0</b>	<b>1.2050</b>

Table 18-2 Wastewater Generation Rates			
Use	Units	Generation Rate	Demand (MGD)
Retail	1,625,000 GSF	0.1 GPD/SF*	0.1625
Office	525,000 GSF	0.2 GPD/SF*	0.1050
Multi-Family	3,750 units	250 GPD/unit*	0.9375
TOTALS			<b>1.2050</b>

**\* Wastewater demands based on the Broward County Environmental Protection Department Consulting Engineer's Guide for a Wastewater Collection/Transmission System Construction License Application.**

- B. If applicable, generally describe the volumes, characteristics and pre-treatment techniques of any industrial or other effluents prior to discharge from proposed industrial-related use(s).

**Pre-treatment techniques are not anticipated to be needed as part of this development.**

C.

1. If off-site treatment is planned, identify the treatment facility and attach a letter from the agency or firm providing the treatment outlining present and projected excess capacity of the treatment and transmission facilities through build out, any other commitments that have been made for this excess and a statement of ability to provide service at all times during or after development.

See Attachment 18-1: Wastewater Supply Verification Letter.

2. If service cannot be provided, identify the required capital improvements, cost, timing, and proposed responsible entity necessary to provide service at all times during and after development.

**Not applicable.**

- D. If septic tanks will be used on site, indicate the number of units to be served, general locations and any plans for eventual phase-out.

**Septic tanks are not proposed for this development.**

- E. Indicate whether proposed wastewater service will be provided within an established service area boundary.

**The proposed wastewater service will be provided by the Broward County Wastewater Treatment Plant # 4.**

**ATTACHMENT 18-1**  
**WASTEWATER SUPPLY VERIFICATION LETTER**

April 2, 2009

Mr. Raj Verma, Director of Utilities and Engineering  
City of Coconut Creek  
Utilities and Engineering Department  
4800 West Copans Road  
Coconut Creek, FL 33063

**RE: MAIN STREET AT COCONUT CREEK DRI  
CT&A PROJECT NO. 08-0049**

Dear Mr. Verma:

**CRAVEN THOMPSON**



**& ASSOCIATES INC.**

Engineers  
Planners  
Surveyors

We are in the process of preparing an application for a Development of Regional Impact (DRI) for a project covering approximately 158 acres in the City of Coconut Creek, Florida, in Section 18, Township 48 South, Range 42 East. The project is generally located at the northwest corner of the intersection of Sample Road and Lyons Road. The project is currently proposed to consist of a mixture of retail, office, and multi-family uses. Water and wastewater service for this project is anticipated to be provided by the City of Coconut Creek.

In connection with our work on the DRI for this project, we will need specific existing and proposed water and wastewater plant capacity information as well as current and projected demand. For your ease in providing us this information, we are enclosing copies of Question 17 - Water Supply and Question 18 - Wastewater Management, which we will need to answer. Specifically, we would like to request your help with Questions 17-F and 18-C.

We have attached a location map for the project for your use. Would you please review and update this information and return an updated copy for our use. If you have any questions or comments on this request or need additional information, please contact me directly to discuss them.

Very truly yours,

**CRAVEN THOMPSON & ASSOCIATES, INC.**

**PAULA H. HOLLIHAN, P.E.**  
Senior Engineer

PHH/mrn

Attachment

cc: Matt Novack

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