

## **Pasco County Utilities Services Branch Master Utility Plan Guidelines\***

The Master Utility Plan (MUP) must cover the entire development (all phases), showing road names, and providing information for certain off-site conditions in surrounding areas. Plan must show section, township, and range lines. The MUP must be submitted in writing and two sets of all plans presented on 24" X 36" sheets and on CD disk in *AutoCad* format. The MUP shall be submitted to the Utilities Services Branch for review and approval at the time of submittal of application for MPUD Master Planned Unit Development or the first preliminary/construction plan. Prior to the first MPUD or preliminary/construction plan approval, the developer and the County shall come to agreement on the MUP and shall enter into a Utilities Services Agreement consistent with the approved MUP. Any revisions to the site will require submittal of a revised MUP.

The application for MUP shall include the following:

### GENERAL:

- A description of the development including the number of residential units, commercial parcels, and a schedule for the construction of the development to build-out.
- For commercial parcels include a description of the planned types of commercial development.
- Summary of water or wastewater treatment facility location(s) including description of the proposed capacity of the facilities and method of treatment, if applicable.
- The MUP shall be color-coded blue for water, green for wastewater, and magenta for reclaimed water.

### POTABLE WATER:

- Plan of proposed major potable water mains within the entire development, proposed point(s) of connection to the County's system and existing water system components within 1/4 mile of the development.
- Summary of anticipated flows potable water: average daily flow, maximum daily flow, peak hour flow, and anticipated diurnal flow pattern for potable water use at commercial parcels.
- Hydraulic modeling results of the proposed potable water trunk main system and the connection to Pasco County's existing water system. The model shall be based upon data from fire-flow test(s) conducted during the peak demand period from 6:00 a.m. to 7:30 p.m. at fire hydrant(s) located nearest to the proposed point(s) of connection. The model shall include anticipated flows from the development at build-out plus fire-flow conditions. Model results shall include both flow and pressure throughout the trunk main system and at the point(s) of connection.

### WASTEWATER:

- Plan of proposed major gravity sewers, pump stations and force mains within the entire development. This plan must include the proposed point(s) of connection to the County's system and shall be presented on a topographical map (one foot contours) of the development and surrounding areas within 1/4 mile of the development. This plan must show all existing sewer system components, subdivisions, and commercial properties with 1/4 mile of the proposed development.
- Summary of anticipated flows wastewater: average daily flow and maximum daily flow.
- If the development plans a direct connection to an existing wastewater force main, hydraulic modeling will be required. Model shall include all other existing wastewater pumping stations connected directly to the existing force main to which the development plans to connect. Modeling results shall define the impacts that the proposed connection will have on the operation of each of these existing pumping stations, and shall indicate the anticipated maximum flows and pressures from each wastewater pumping station (existing and proposed) connected to this same force main.

### RECLAIMED WATER

- Plan of proposed major non-potable water mains with the entire development, proposed point(s) of connection to the County's reuse system and existing non-potable water system components with 1/4 mile of the boundaries of the development, if applicable.
- Summary of anticipated flows reclaimed water: average daily flow and maximum daily flow, peak hour flow.
- Summary of proposed irrigation system including the proposed source of irrigation water and the feasibility of using a non-potable source.

\*These Guidelines are subject to change by Pasco County Utilities and may not be all inclusive.