

**Home Sweet Construction Small Scale Comprehensive Plan Amendment
Application –CPAS10-(05)
Pasco County Utilities Capacity Statement**

Wastewater:

There are two primary components of wastewater service: (1) treatment plants and (2) the collection and transmission system.

Treatment Plant Capacity:

The proposed Home Sweet Construction development is approximately 0.429 acre of a 3.16 acre parcel. It is in an area that is within the service area of the County's Embassy Hills Wastewater Treatment Facility (WWTF). The sewer flow generated from this site can be sent to the Embassy Hills WWTF.

The Embassy Hills WWTF is currently rated to treat up to 3.5 mgd but will be decommissioned by 2014. At that time flow will be diverted to the Shady Hills WWTF which is rated to provide treatment for up to 14 mgd.

Pasco County Utilities includes proposed developments in the calculation of committed capacity for a particular WWTF. A particular development is included in the calculation and the County reserves capacity at the time the developer makes a commitment to the County which is at or concurrent with the permitting and construction of the new wastewater system components, i.e., service lines, needed to serve the development. To account for those developments that are completed over time, adjustments are made to the committed capacity in recognition of the fact that flow from completed development is reflected in the actual flow received at the treatment facility.

The actual current flow to the Embassy Hills WWTF is approximately 2.580 mgd and the current total outstanding commitment for future service at this WWTF is approximately 3.80 mgd. Over the past several years these outstanding developments have been completed at a rate that generates an additional wastewater flow to the Embassy Hills WWTF of approximately 0.024 mgd each year.

This same rate of increased flow has been projected by the County for planning and permitting purposes for future expansions of wastewater facilities. By adding this continuing rate of flow increase to the projected flow for the Home Sweet Construction development, Pasco County Utilities has estimated when planned improvements must occur to ensure adequate treatment capacity is available to serve future projects in conjunction with the Home Sweet Construction development. This estimated schedule for WWTF improvements is considered conservative in that we feel it represents the scenario that impacts the existing WWTF in the earliest possible timeframe.

This schedule of planned improvements is consistent with the existing Capital Improvement Plan (CIP) for Pasco County Utilities which addresses the decommissioning of the Embassy Hills WWTF by 2014 and diversion of flow to the recently expanded Shady Hills WWTP. The CIP will be updated annually in an effort to

closely monitor actual wastewater system growth and compare it to the rate of growth that has been projected. Generally, if the rate of growth within a particular WWTF service area does not match current expectations, it may become necessary to modify the CIP and construct the expansion at this WWTF earlier or later than presently planned. Pasco County Utilities will be able to provide adequate wastewater treatment services for the Home Sweet Construction development through the implementation of the planned decommissioning of the Embassy Hills WWTF with diversion to the recently expanded Shady Hills WWTF.

Collection and Transmission System Capacity:

The wastewater collection and transmission system required to service the Home Sweet Construction development area may require construction by the project developer at such time as construction is initiated. There are facilities within the Stone Road and Roble Way rights of way that may require upgrades to serve this development, and any off-site and on-site facilities will be addressed through the development approval process and approval of a project specific Utilities Service Plan (USP). Furthermore, the County, as a matter of standard utility policy, will require necessary line extensions by the developer in accordance with the provisions of a standard Utilities Service Agreement (USA). This USA will require directing wastewater flow to the above-named wastewater treatment facility and must be executed between the County and Developer prior to construction approval of the development.

Pasco County Utilities' wastewater concurrency statement is contingent upon the County receiving the following:

- All the necessary permits and approvals to implement and construct the County's planned system improvements and plant expansions needed to serve the development, and the Developer's, and its successors or assigns, and in compliance with the conditions of Pasco County Code of Ordinances Chapters 46, 90 and 110.
- Execution and implementation of a Utilities Service Agreement and a Utilities Service Plan, both acceptable to the County.
- Payment of water and/or wastewater impact fees.

Water:

There are two primary components of water service: (1) supply and treatment plants and (2) the distribution and transmission system.

Supply Capacity:

Pasco County's existing 35-year agreement with Tampa Bay Water (TBW), which became effective on June 10, 1998, provides a guaranteed water supply capacity necessary for future water demand created by growth within Pasco County. In addition, Pasco County Utilities also maintains a limited water supply capacity from its own existing facilities. The County water system currently has an existing permitted supply

capacity of approximately 45.2 million gallons per day (mgd) serving existing customers at a current rate of approximately 28 mgd annual average flow.

Pasco County Utilities regularly works with TBW to ensure that supply and interconnection capacity is increased to handle increases in demand. TBW has recently expanded the points of connection (interties) with Pasco County at three locations: US Hwy 41, Lakebridge and S.R. 54 intertie facilities. These points of connection are where the County receives water from TBW's regional system and as a result additional water supply will be available for use to address the water needs of future growth within the County's water system.

The current total outstanding commitments for future water service from the County's water system is approximately 6.3 mgd annual average, which includes 3.1 mgd for the County's outstanding agreement with Aloha Utilities for Bulk Water Service. Subtracting the annual average existing use by potable customers (28 mgd) and the current total outstanding commitments (6.3 mgd) from the permitted supply capacity (45.2 mgd) provides an estimate of available uncommitted capacity of 10.9 mgd. This is sufficient to provide potable water service for the planned Home Sweet Construction Development.

Distribution and Transmission System Capacity:

There are facilities within the Stone Road and Roble Way rights of way that may require upgrades to serve this development, and any off-site and on-site facilities will be addressed through the development approval process and approval of a project specific Utilities Service Plan (USP).

Any on-site facilities will be addressed through the development approval process and approval of a project specific Utilities Service Plan (USP). Furthermore, the County, as a matter of standard utility policy, will require necessary line extensions by the developer in accordance with the provisions of a standard Utilities Service Agreement (USA). This USA must be executed between the County and Developer prior to construction approval of the project.

Pasco County Utilities' water concurrency statement is contingent upon the County receiving the following:

- All the necessary permits and approvals to implement and construct the County's planned system improvements and plant expansions needed to serve the development, and the Developer's and its successors or assigns, and in compliance with the conditions of Pasco County Code of Ordinances Chapters 46, 90 and 110.
- Execution and implementation of a Utilities Services Agreement and a Utilities Service Plan, both acceptable to the County.
- Payment of water and/or wastewater impact fees.

Solid Waste:

Pasco County Utilities solid waste concurrency statement is contingent upon the County receiving the following:

- All necessary permits and approvals to implement and construct the County's planned disposal system improvements and facility expansions needed to serve the development; and the Developer's, and its successors or assigns, and in compliance with the conditions of Pasco County Code Chapters 46, 90, 110 and other applicable regulatory requirements.
- Execution and implementation of a Utilities Services Agreement and a Utilities Service Plan, both acceptable to the County.
- Payment of water and/or wastewater impact fees.