

Phillippi Creek Septic System Replacement Program (PCSSRP)
Quarterly Executive Summary
April 2006

Completed to Date:

Area E. The Area E wastewater collection system consisting of 578 connections was completed in February 2003 at a cost of \$5.1 million. 84 percent (483 connections) of the existing homes and businesses have been connected to the system.

Construction Activities:

Area A. The Area A project will make central sewer and water available to approximately 1,125 and 226 connections, respectively. Construction started in April 2004. The contract for construction was terminated on November 4, 2005. The county attorney's office negotiated an agreement with the bonding company for completion of the project, which the Board of County Commissioners approved on February 21, 2006. Notice to Proceed was given to the bonding company on February 28, 2006. The bonding company will be establishing a new schedule for completion of the project.

The project is approximately 88% complete, including installation of water lines, gravity sewer, force mains, vacuum pump station, vacuum mains and vacuum valve pits. Construction engineering management and engineer of record services are being provided by Baskerville Donovan, Inc. (BDI). Initially, wastewater flow from Area A will be sent to the Meadowood Water Reclamation Facility (WRF). Upon completion of the University/I-75 Force Main Phase 2 pipeline project, wastewater flow will be sent to the Bee Ridge WRF.

Area F. The Area F project will make central sewer available to approximately 1,063 homes. Substantial Completion was achieved in October 2005 and with requests for additional work, the final completion date has been extended to May 2006. Final overlay of the roads within the project area, done under a separate construction contract, has been delayed from March 2006 to late June 2006.

The combined three construction projects of Areas E, A, and F will make central sewers available to nearly 2,765 homes.

Ongoing Activities:

Area B. The Area B project will make central sewer available to approximately 106 homes. The original design, prepared by Greeley & Hansen (G&H), consisted of a combination gravity and low pressure sewer system, with flow sent to the City of Sarasota's sewer system. Instead, a Flow/Exchange Treatment Agreement was executed between the Board of County Commissioners and Aqua Utilities Florida, Inc., on November 15, 2005, to direct wastewater flow to their franchise area. The original design will be modified to accommodate the agreement.

Area C. The Area C project will make central sewer available to approximately 694 homes. The Area C design was completed by BDI in July 2004 but it is currently undergoing modifications to enhance constructability and lessen easement acquisition requirements. 100% design plans are due the first week of April. Construction is anticipated to commence September 2006 contingent upon obtaining all necessary easements. Construction of Area C is being coordinated with the construction of the Pinecraft Road Street Light and Sidewalk Project, and with the Bahia Vista Force Main Project, which will allow flow from Area C to be collected and treated at the expanded Bee Ridge Water Reclamation Facility.

Area D. The Area D project will make central sewer available to approximately 1,485 connections. G&H is preparing the engineering design for Area D and is approximately 70% complete. An inter-local agreement for proposed sewer service in Sub-area D1, will be drafted for the City of Sarasota's review once the design and estimated costs have been determined. The majority of Sub-area D1 is currently served by city water. Sub-area D1 will be designed as a gravity system with collected flows pumped to

either the future South Gate Master Pump Station or to the City of Sarasota. The remaining areas will be served by vacuum collection and directed to the future South Gate Master Pump Station. Negotiations are currently underway to increase the design scope and fees. Construction of Area D is scheduled to begin in FY07.

Area K. The Area K project will make central sewer available to approximately 2,650 connections. The engineering design for Area K is 100% complete. Wastewater flow from Area K will be treated at the Bee Ridge WRF and will be pumped there via a new transfer pump station to be constructed near the Atlantic WRF. The new transfer pump station will be constructed to coincide with the completion of the Bahia Vista force main project. Construction for Area K is scheduled to start near the beginning of FY07. A letter will be mailed to all affected property owners in Area K approximately one month before construction commences.

Area N. The Area N project will make central sewer available to approximately 1,949 connections. The Area N contract (scope and fees) was negotiated with the firm of Giffels-Webster Engineers and will be presented to the Board of County Commissioners for approval on April 11, 2006. Construction of Area N is expected to start in FY07. Wastewater collected from Area N will be pumped to the Central County WRF.

Wastewater Transmission & Treatment. A number of critical transmission and treatment plant expansion projects are needed to collect and treat wastewater collected in the PCSSRP. The Central County WRF will be undergoing an expansion from 4.0 to 8.0 million gallons per day in two phases. The engineering design for the Phase 2 expansion of Central County WRF is underway with Carollo Engineers and is approximately 50% complete. Phase 3 is scheduled to immediately follow Phase 2. Phase 2 is scheduled to be constructed by April 2008 and Phase 3 is scheduled to be completed by March 2010.

Transmission projects include several new pump stations and force mains. PBS&J and MWH are designing the demolition of the South Gate and Gulf Gate treatment plants to be replaced with master pump stations. The Gulf Gate Advanced Wastewater Treatment Plant is scheduled to be abandoned with flow transferred to the Central County WRF by November 2007.

The Bahia Vista force main (from Hines Avenue to Cattlemen Road) project has been segmented into two phases to integrate concurrent County projects. Phase I (from Hines to McIntosh) advertised for bid in October 2005 to attempt to have Beneva area construction completed prior to the commencement of the Pinecraft Neighborhood Revitalization Project. Phase II is an integrated Public Works and Environmental Services force main and road widening design and construction project along Bahia Vista from McIntosh to Cattlemen. Phase II bid in February 2006. Construction is expected to begin mid 2006 with completion in mid 2007.

Both phases of the University/I-75 Force Main project are under construction with a completion date targeted near the end of 2007. The wastewater transmission main begins east of I-75 near the center of Lakewood Ranch Corporate Park and extends southward along an extended Lakewood Ranch Blvd., Tatum Road, Palmer Road, and Iona Road ultimately ending at the county's regional Bee Ridge Water Reclamation Facility for treatment. The force main ranges in diameter from 12" PVC pipe to 36" ductile iron pipe. This imperative transmission main allows the county to take one of our smaller water reclamation facilities off-line, allows for flows in the northern part of the county for growth and for Area A of the Phillippi Creek Septic System Replacement Program, and flows from the Lakewood Ranch Corporate Park and the Villages of Lakewood Ranch South.

FY07-FY11 Budget Activities:

Schedule A, attached, depicts the Preliminary FY07-FY11 PCSSRP Budget. As shown, the total Budget is \$154 million, an increase of \$19 million over the FY06-FY10 Budget. The increase is attributable to rising construction costs.

Funding Review:

Schedule A shows the total estimated funding for the PCSSRP by area. Areas E, A, and F (all complete or nearly complete) had a total cost to date of \$22.8 Million or \$8,246 per EDU. The funding breakdown for these three areas is SRF debt 37%, Grants 23%, and local funds 40% (rates and surtax).

The procurement of grants is a critical funding issue. After the completion of Areas A and F, in FY06, the majority of grant funds obtained-to-date by either EPA or FDEP will be exhausted (\$6.2 million). An additional \$8.1 million in grants is projected over the life of the project, a very conservative amount, with no guaranty. The additional debt burden to the Utility caused by not receiving the amount of grants projected would likely cause a delay in the program.

Web Site Update:

The MyCentralSewer.org web site continues to be updated and made more user-friendly. We are working with our Information Technology unit to update maps and consolidate information on the web site.