

Memorandum



Date: April 17, 2013

To: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor 

Subject: Cost estimate to connect residential and commercial properties to the County's water and sewer system

At the September 12, 2012 Infrastructure and Land Use Committee meeting, the Miami-Dade Water and Sewer Department (WASD) was directed by Commissioner Monestime to prepare a cost estimate to connect residential and commercial properties (located in WASD's service area within the Urban Development Boundary Line) to the County's water and sewer system where the system is not available including those properties served by water wells and septic tanks.

In response to the directive issued, WASD put together a cost estimate of water and sewer which includes the cost of constructing water and sewer facilities for residential and commercial customers to connect to. The estimate does not include related capacity expansion needs at the plants or costs for required upgrades in the regional collection and transmission systems as a result of adding more local distribution and collection capacity. In addition, the estimate includes vacant lands in established neighborhoods. Undeveloped lands were excluded since water and sewer infrastructure for these areas would be provided by developers and dedicated to the County through donations.

Connecting residential water properties to the County's system are estimated to cost approximately \$243 million, whereas connecting commercial properties are estimated to cost approximately \$5.8 million, see Exhibits A and A-1 as attached. Connecting residential sewer properties to the County's system are estimated at approximately \$2.3 billion, whereas commercial sewer properties are estimated to cost approximately \$386 million, see Exhibits B and B-1 as attached. Maps have also been provided for each district showing the geographical area for potential water and sewer connections for commercial customers.

Approximate costs are the preliminary estimates which may vary at the time of design due to unforeseen alignment conflicts, transmission main improvements, railroad and/or canal crossings not identified at this level of review. Additional costs for water and sewer system capacity improvements may be incurred for treatment, pumping, and disposal for increased water and wastewater flows.

Should you have any questions or require further information please contact Miami-Dade Water and Sewer Director John W. Renfrow, P.E. at 786-552-8086 or me directly at 305-375-1880.

C: Alina T. Hudak, Deputy Mayor
Ed Marquez, Deputy Mayor
John W. Renfrow, P.E., Director, Water and Sewer Department
Jennifer Moon, Director, Office of Management and Budget