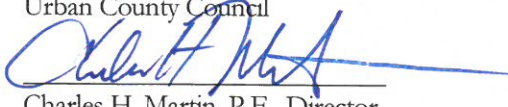




**TO:** Mayor Jim Gray  
Urban County Council

**FROM:**   
Charles H. Martin, P.E., Director  
Division of Water Quality

**DATE:** January 19, 2017

**SUBJECT:** Change Order #1; Town Branch WWTP Primary Digester Complex Improvements

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Request

The Division of Water Quality request approval of Change Order #1, to Strand Associates, Inc.; the design consultant for the Town Branch WWTP Primary Digester Improvements.

Purpose of Request

The increase to the contract includes additional design cost and scope changes for making improvements to the existing Primary Digester Complex to comply with NFPA 820 (Standard for Fire Protection in Wastewater Treatment and Collection Facilities, published by National Fire Protection Association). The existing primary digester complex was completed in 1989. NFPA 820 was authored in 1990. The non-compliance became apparent when reviewing the scope with mechanical engineers. The issues that will be corrected include the relocation of air supply equipment, separating nonhazardous and hazardous classified areas, isolating digester gas handling equipment, and relocating boilers.

Project Cost in FY17 Budget and Future Budget Years

FY17 – Approval of this change order results in an increase of \$ 131,113.00 to the contract. The revised contract amount including this change order will be \$605,635.00 representing a 27.63% increase of the original contract amount.

Future Budget Impact –This change order will not have an impact on future budget years but the overall change in project scope will increase the construction costs for the project. The RMP schedule construction cost estimate is \$3,525,000. Meeting the NFPA 820 standard will escalate the project cost to an estimated \$10.5 M.

Are Funds Budgeted

Funds are Budgeted in: 4003 303401 3401 92711 TBWWTP\_RMP/CONSENT\_DE

Martin/Hoskins-Squier

