



## AGENDA MEMORANDUM

Future Item for the City Council Meeting of July 22, 2014

Action Item for the City Council Meeting of July 29, 2014

**DATE:** June 19, 2014

**TO:** Ronald L. Olson, City Manager

**THROUGH:** Gustavo Gonzalez, P.E., ACM Public Works & Utilities

**FROM:** Mark Van Vleck, P.E.  
Executive Director of Utilities  
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Interlocal Agreement between the University of Texas at Austin  
and the City of Corpus Christi

**CAPTION:**

Resolution authorizing the City Manager or designee to execute an Interlocal Agreement with the University of Texas at Austin for research services for the City's water distribution system, with City's cost to be \$49,547.

**PURPOSE:**

The purpose of the Agreement is for the University to provide the City with research services related to microbial analysis in the Corpus Christi chlorinated distribution system for optimization of molecular analysis for detection of nitrifying organisms.

**BACKGROUND AND FINDINGS:**

The Water Utilities Laboratory is expanding to include a DNA testing section. The method will be polymerase chain reaction (PCR) to detect nitrifying organisms in the City's water distribution system. This will be used as an early detection system for nitrification, which will improve understanding of water quality. To make this endeavor successful, a molecular community analysis must be performed by UT to optimize the DNA primers and probes used in PCR.

**ALTERNATIVES:**

None.

**OTHER CONSIDERATIONS:**

None.

**CONFORMITY TO CITY POLICY:**

This agreement conforms to City Charter requirements.

**EMERGENCY / NON-EMERGENCY:**

Non- Emergency.

**DEPARTMENTAL CLEARANCES:**

Utilities Department

**FINANCIAL IMPACT:**

Operating       Revenue       Capital       Not applicable

<b>Fiscal Year: 2014-15</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Line Item Budget		\$107,500		
Encumbered / Expended Amount				
This item		\$49,547		
BALANCE		\$57,953		

Fund(s): Utilities - Water

**Comments:**

**RECOMMENDATION:**

Approval of the Interlocal Agreement between UT and the City.

**LIST OF SUPPORTING DOCUMENTS:**

Interlocal Agreement