



## AGENDA MEMORANDUM

Future item for the City Council Meeting of July 21, 2015  
Action item for the City Council Meeting of July 28, 2015

**DATE:** July 1, 2015

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

**THRU:** Gustavo Gonzalez, P.E., Assistant City Manager, Public Works and Utilities  
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**Interlocal Agreement**  
Texas Water Development Board

**CAPTION:**

Resolution authorizing the City Manager or designee to execute an Interlocal Agreement with the Texas Water Development Board in the amount of \$43,518 for a volumetric survey of Lake Corpus Christi Reservoir.

**PURPOSE:**

The purpose of this agenda item is to obtain authority to execute an agreement for a volumetric survey of Lake Corpus Christi Reservoir.

**BACKGROUND AND FINDINGS:**

The Lake Corpus Christi (Lake) is owned and operated by the City of Corpus Christi for municipal water supply purposes. Accurate surveys to determine water volume are necessary to estimate the quantity of water available for purposes such as long-term planning, drought management, and environmental flows operations. Reservoir water volume will change due to sedimentation from large inflow events. The last survey by the Texas Water Development Board (TWDB) was done in 2012. However, the surface elevation at the time was so low that only half of the surface area of the reservoir could be surveyed. Because of this, the TWDB recommended performing an additional survey when the reservoir filled to capacity. This survey will collect the necessary data to develop an updated elevation-area-capacity table for public and regulatory use.

**ALTERNATIVES:**

1. Authorize the execution of the agreement.
2. Do not authorize the execution of the agreement. (Not Recommended)

**OTHER CONSIDERATIONS:**

Not applicable

**CONFORMITY TO CITY POLICY:**

Conforms to City Fiscal Policy

**EMERGENCY / NON-EMERGENCY:**

Non-Emergency

**DEPARTMENTAL CLEARANCES:**

Environmental and Strategic Initiatives Department

**FINANCIAL IMPACT:**

Operating       Revenue       Capital       Not applicable

<b>Fiscal Year 2014-2015</b>	<b>Project to Date Expenditures</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Line Item Budget		\$46,129.00		\$46,129.00
Encumbered / Expended Amount				
This Item		\$43,518.00		\$43,518.00
Future Anticipated Expenditures This Project		\$2,611.00		\$2,611.00
BALANCE		\$0.00		\$0.00

Fund(s): Water Supply CIP #6

**Comments:** This project requires approximately forty-five days with anticipated completion in October 2015.

**RECOMMENDATION:**

City Staff recommends approval of the agreement.

**LIST OF SUPPORTING DOCUMENTS:**

- Project Budget
- Location Map
- Interlocal Agreement
- Resolution
- Presentation