



# Nueces Bay System Salinity & Freshwater Inflow Monitoring 2014-2015



Council Presentation  
September 16, 2014



# Project Scope



- Ongoing project originating in the Fall of 1991
- Maintenance and real-time data collection salinity monitoring stations in Nueces Bay (2) in the Nueces River (1).
- Data is available to the public at <http://www.cbi.tamucc.edu/Nueces-BayWater-Quality-Monitoring>
- Salinity reduction data is used to determine flow freshwater releases from the Wesley Seale Dam into Nueces Bay Estuary to satisfy requirements put forth in the Texas Natural Resource Conservation Commission agreed order (found at: [http://www.nueces-ra.org/CP/CITY/pdfs/agreed\\_order.pdf](http://www.nueces-ra.org/CP/CITY/pdfs/agreed_order.pdf))
- Salinity maintenance and data collection performed by the Conrad Blucher Institute for Surveying and Science at Texas A&M University – Corpus Christi.
- Passthru Reports provide to the public the Nueces River Authority's website: <http://www.nueces-ra.org/CP/CITY/passthru/index.php>
- Salinity relief values are available at: <http://lighthouse.tamucc.edu/salrel>



# Project Scope





# Project Schedule



2014			2015								
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Monitoring Services</b>											

**Project Estimate: October 1, 2014 to September 30, 2015**



# Project Budget



<b>FUNDS AVAILABLE:</b>		
Water Operating.....		\$202,868
<b>FUNDS REQUIRED:</b>		
*Original (Conrad Blucher Institute, TAMU-CC).....		\$94,605
Amend. No. 1 (Conrad Blucher Institute, TAMU-CC) <b>THIS CONTRACT</b> .....		\$97,687
Reimbursements.....		\$10,576
<b>TOTAL</b> .....		<b>\$202,868</b>
<b>PROJECT BUDGET BALANCE</b> .....		<b>\$0</b>
*Original contract approved by City Council on November 12, 2013 by Motion No. M2013-170		