



# Nueces River Water Quality, Oso Creek Water Level, & City of Corpus Christi Meteorological Monitoring 2014-2015



Council Presentation  
September 9, 2014



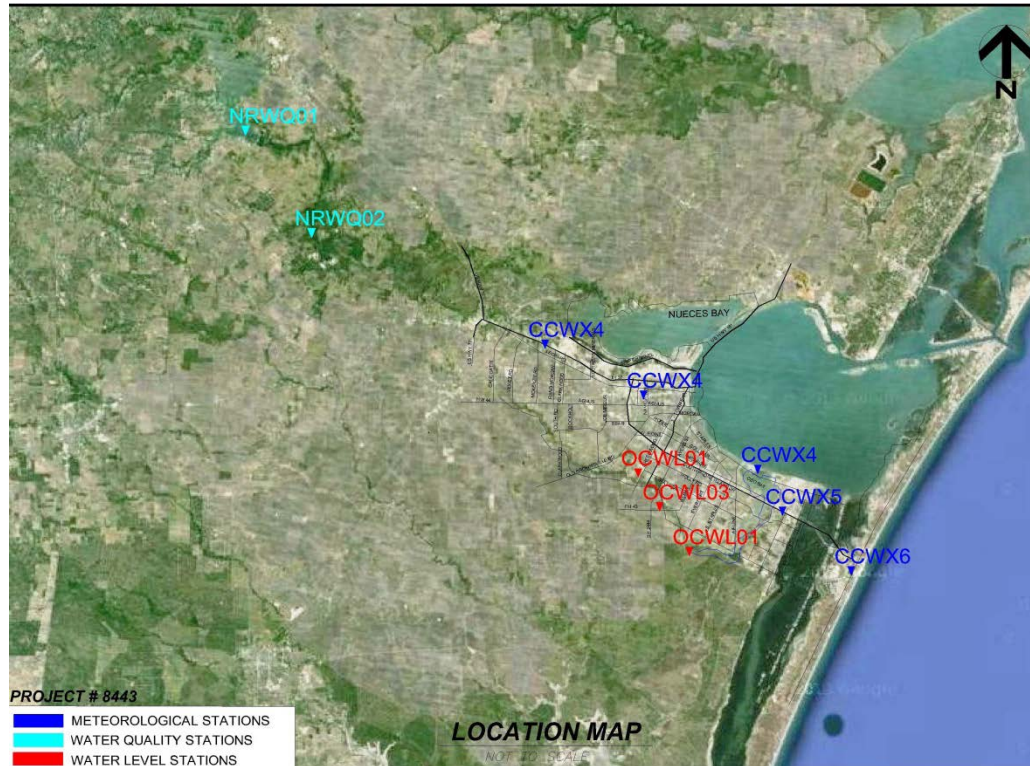
# Project Scope



- Ongoing project originating in August 2011.
- Maintenance and real-time data collection of 13 environmental monitoring stations in the Nueces River, Oso Creek and City of Corpus Christi.
- Data is available to the public at <http://www.cbi.tamucc.edu/>
- Data results from (water quality stations) Nueces River used to evaluate raw water quality to optimize water treatment.
- Data results from water level stations along Oso Creek and meteorological stations throughout the City of Corpus Christi are used for watershed modeling and planning.
- Data collection systems, operation and maintenance performed by the Conrad Blucher Institute for Surveying and Science at Texas A&M University - Corpus Christi.



# Project Scope





# Project Schedule



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

**Project Estimate: August 1, 2014 to July 31, 2015**



# Project Budget



|   |  |                  |
|---|--|------------------|
| <b>FUNDS AVAILABLE:</b>   |  |                  |
| Water Operating.....  |  | \$585,610        |
| <b>FUNDS REQUIRED:</b>  |  |                  |
| *Original (Conrad Blucher Institute, TAMU-CC).....  |  | \$92,355         |
| **Amend. No. 1 (Conrad Blucher Institute, TAMU-CC).....                                   |  | \$224,794        |
| ***Amend. No. 2 (Conrad Blucher Institute, TAMU-CC).....                                  |  | \$46,112         |
| ****Amend. No. 3 (Conrad Blucher Institute, TAMU-CC).....                                 |  | \$93,381         |
| Amend. No. 4 (Conrad Blucher Institute, TAMU-CC) <b>THIS CONTRACT</b> .....               |  | \$98,439         |
| Reimbursements.....   |  | \$30,529         |
| <b>TOTAL</b> .....  |  | <b>\$585,610</b> |
| <b>PROJECT BUDGET BALANCE</b> .....   |  | <b>\$0</b>       |
| *Original Contract approved by City Council on August 30, 2011 by Motion No. M2011-187.   |  |                  |
| **Amendment No. 1 approved by City Council on February 28, 2012 by Motion No. M2012-047.  |  |                  |
| ***Amendment No. 2 administratively approved on April 17, 2013                            |  |                  |
| ****Amendment No. 3 approved by City Council on November 12, 2013 by Motion No. M2013-171 |  |                  |