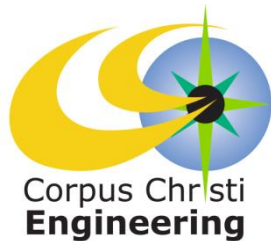


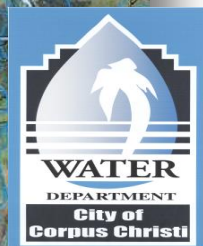
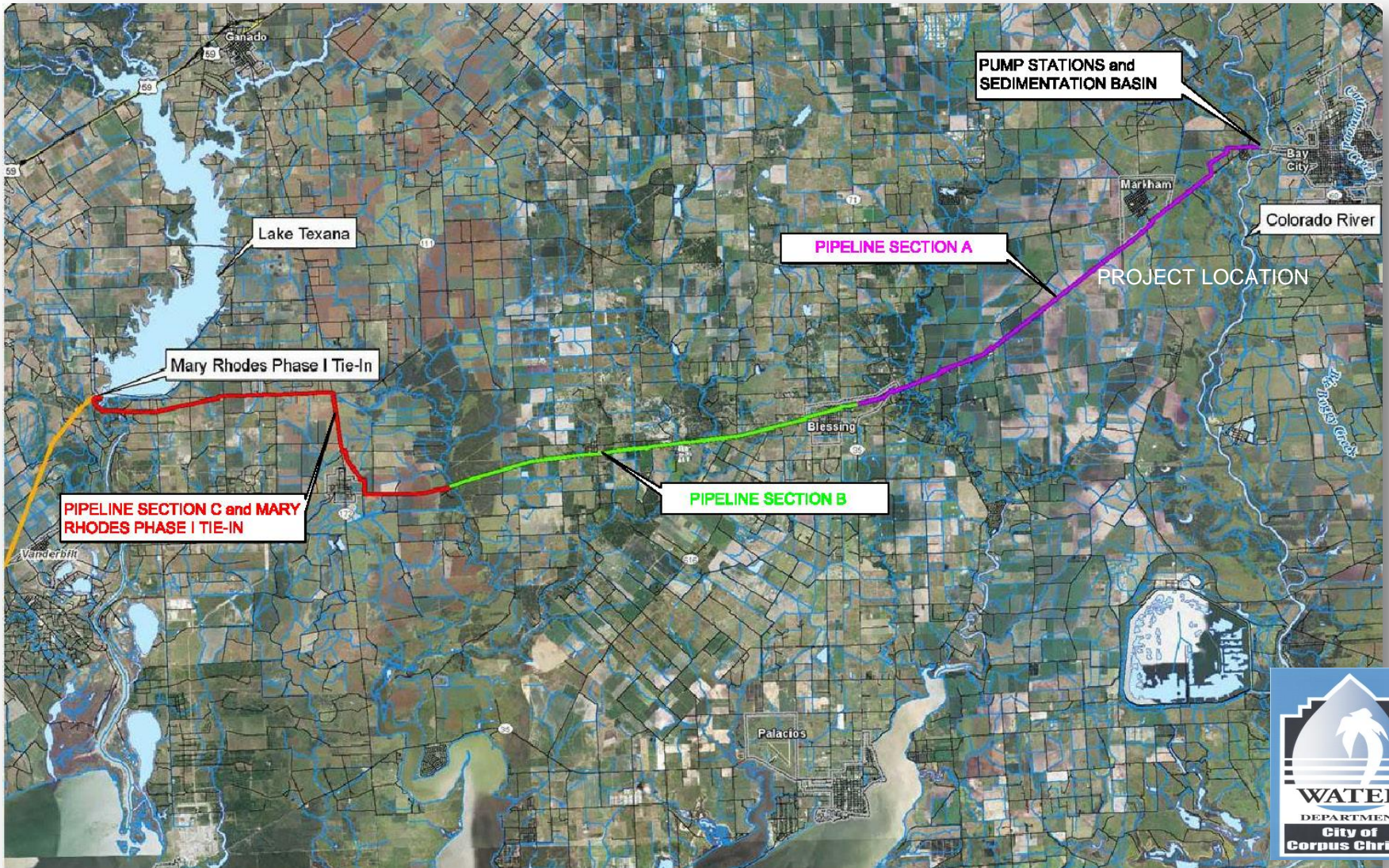
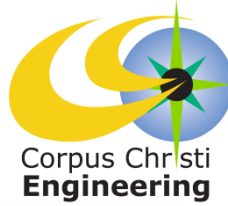
# **Mary Rhodes Pipeline Phase 2: Pipeline Sections A, B, and C Pump Stations/Sedimentation Basin**



**Council Presentation  
February 18, 2014**



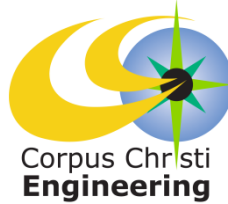
# Project Scope







# Project Schedule



2013		2014												2015					
Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
<b>Bid</b>				<b>Construction for Pipeline Sections A, B, and C</b>															
<b>Bid</b>				<b>Construction for Pump Stations/Sedimentation Basin</b>															

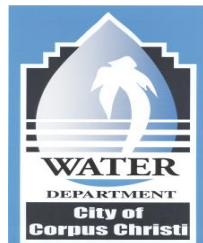
## Project Construction Estimate for:

### Pipeline Sections A, B, and C - 425 Calendar Days

Projected Schedule reflects City Council award in February 2014 with anticipated construction completion in April 2015.

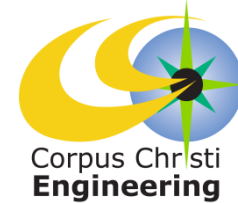
### Pump Stations/Sedimentation Basin - 473 Calendar Days

Projected Schedule reflects City Council award in February 2014 with anticipated construction completion in June 2015.





# Project Budget

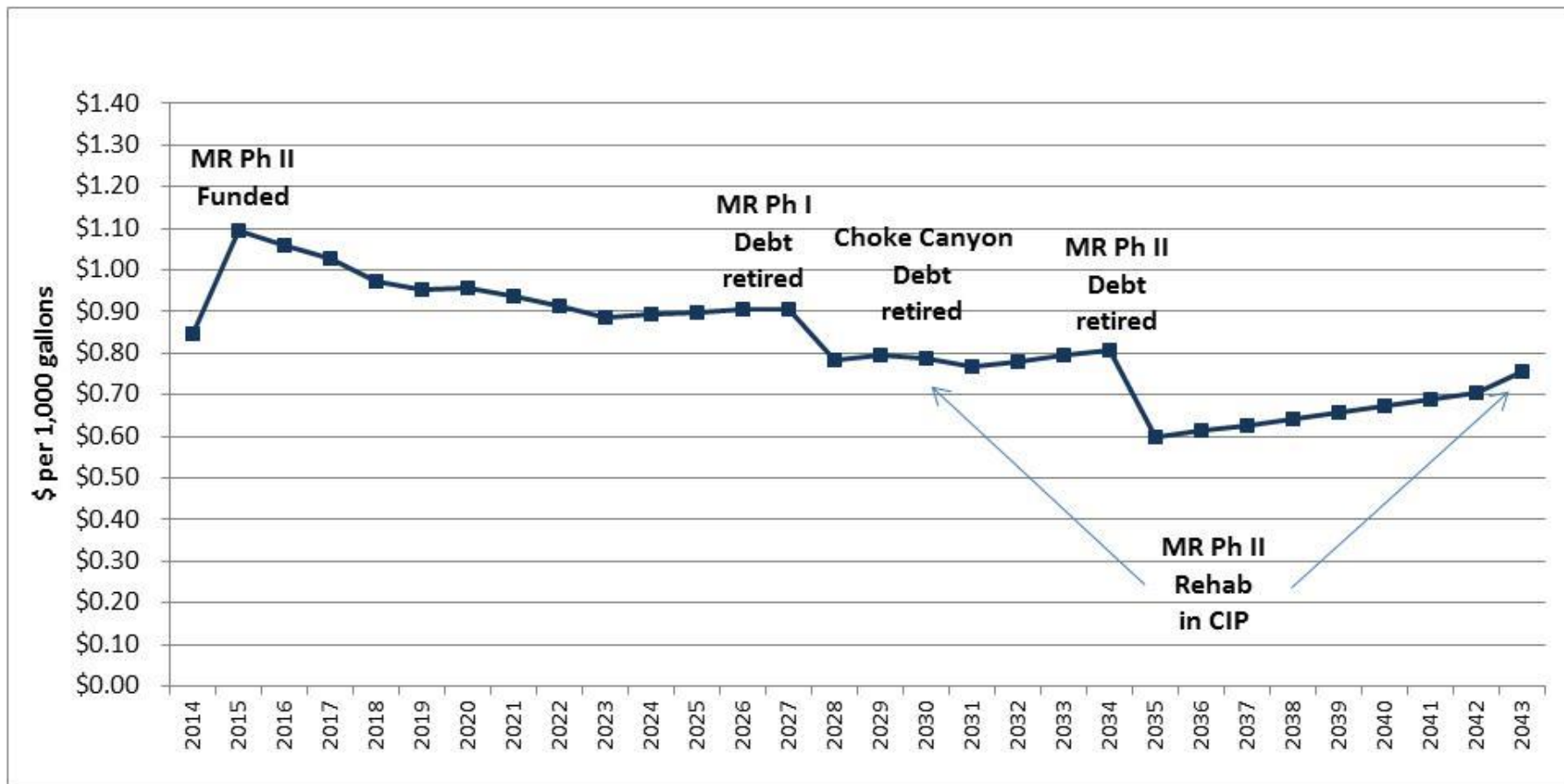
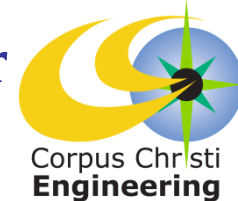


<b>FUND SOURCE:</b>	
Texas Water Development Board Loan.....	\$7,964,079
Water Revenue Bonds.....	\$4,462,897
Future Funding Required.....	\$148,521,027
<b>PROJECT TOTAL.....</b>	<b>\$160,948,003</b>
<b>FUNDS REQUIRED:</b>	
100% Construction for Pipeline Sections A, B, and C (Garney Companies, Inc.).....	\$84,121,405
100% Construction for Pump Stations/Sedimentation Basin (Oscar Renda Contracting)..	\$29,167,288
Construction Contingency (10%).....	\$11,328,869
Pump Station Pumps and Motors (Smith Pump Company, Inc.)(5% remaining cost)*.....	\$227,722
Engineer Design (Freese and Nichols, Inc.)**.....	\$11,335,503
Legal Services & Future Misc Project Costs (Bruce Hawn, Welder Leshin, LLP)***.....	\$10,812,500
AEP Transmission Line Relocation****.....	\$1,500,000
Construction Management/Observation Services (Freese and Nichols, Inc.).....	\$3,965,785
Construction Observation Services (AGCM, Inc.).....	\$1,679,942
Reimbursements.....	\$5,814,433
<b>TOTAL.....</b>	<b>\$159,953,447</b>
<b>PROJECT BUDGET BALANCE.....</b>	<b>\$994,556</b>
* Purchase approved by City Council on December 10, 2013 by Motion No. 2013-179	
**Original Design Contract awarded October 28, 2003 by Motion No. M2003-394	
**Amendment No. 1 awarded October 19, 2004 by Motion No. M2004-387	
**Amendment No. 2 awarded December 18, 2007 by Motion No. M2007-334	
**Amendment No. 4 awarded March 9, 2010 by Motion No. 2010-051	
**Amendment No. 9 awarded July 30, 2013 by Motion No. M2013-125	
***Legal Services Agreement awarded July 12, 2011 by Motion No. M2011-164	
****Agreement awarded December 17, 2013 by Motion No. M2013-195	





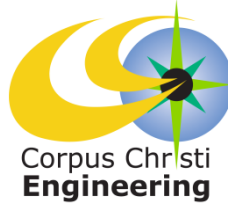
# Projected Ratepayer Raw Water Rate over a 30-Year Planning Period



*Note: a key factor in the declining rates over time is the assumption that industrial-related water demand will grow significantly over time.*



# Mary Rhodes, Phase 2 Contract Summary



**Contract:** MR Pipeline Phase 2: Pipeline Sections A, B, and C  
**Vendor:** Garney Companies , Inc. of Kansas City, Missouri  
**Price:** \$84,121,405 for base bid and fiber optic additive alternate for all pipeline section

**Contract:** MR Pipeline Phase 2: Pump Stations/Sedimentation Basin  
**Vendor:** Oscar Renda Contracting of Roanoke, Texas  
**Price:** \$29,167,288 for base bid

**Contract:** Amendment No. 10  
**Vendor:** Freese and Nichols, Inc. of Corpus Christi, Texas  
**Price:** \$3,965,785 for overall construction management, geotechnical testing services, corrosion inspection of MR Pipeline Phase 2 project; and construction inspection of Pump Stations/ Sedimentation Basin and Pipeline Section C

**Contract:** Professional Services Contract  
**Vendor:** AGCM, Inc. of Corpus Christi, Texas  
**Price:** \$1,679,942 for construction inspection of Pipeline Sections A & B

