

# **Evangeline/San Patricio County Groundwater Project Amendments to Master Services Agreement and Construction Manager-At-Risk Contract**

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Chief Operating Officer – Corpus Christi Water

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# Evangeline Groundwater Project

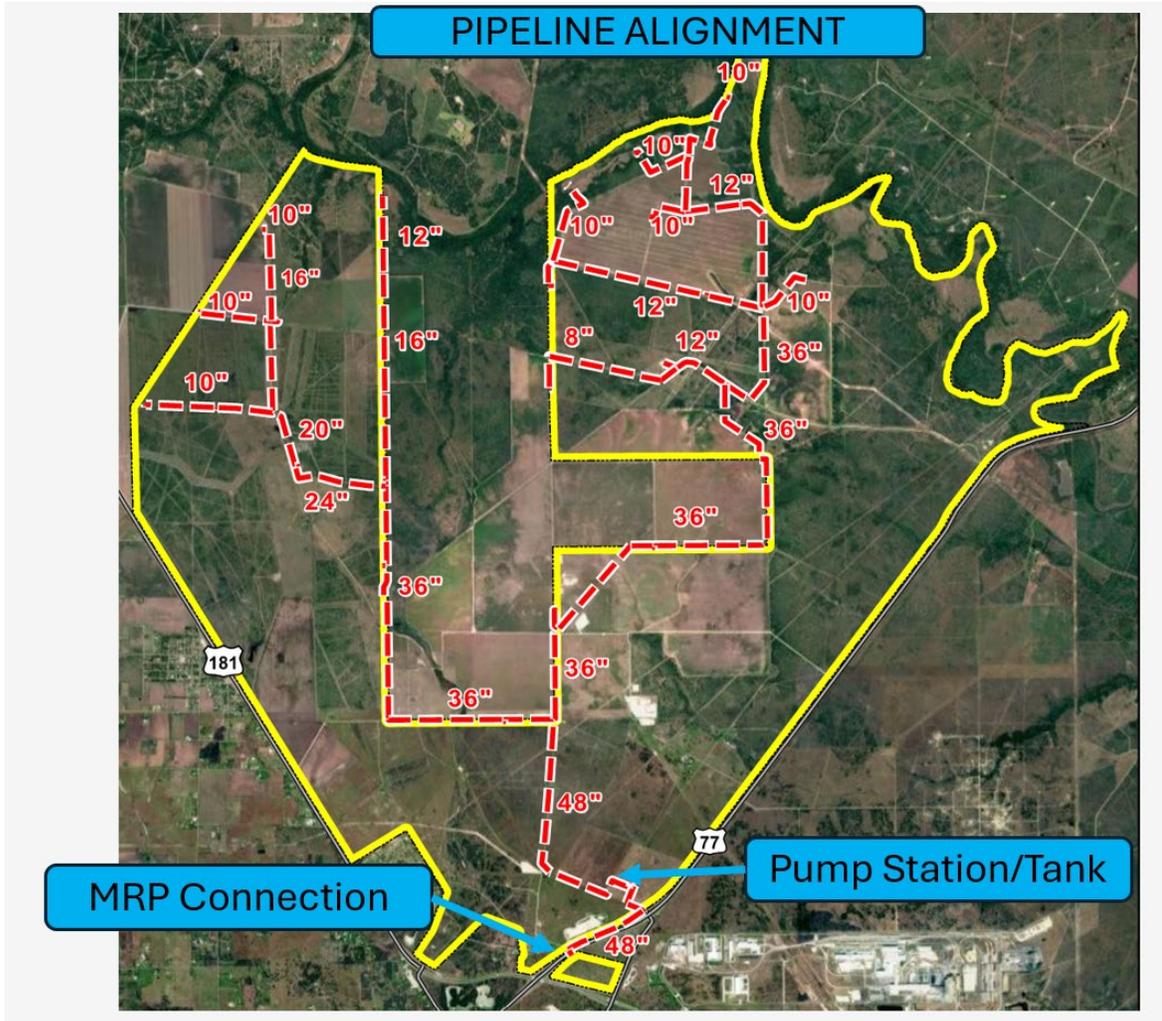
*This ordinance authorizes execution of Amendment No. 2 to the MSA with Pape-Dawson Engineers, Inc. of San Antonio, Texas for construction management and inspection services; and execution of a CMAR contract amendment with Garney Companies, Inc. for construction services*

- The Evangeline Groundwater Project has evolved into a complex, multi-front construction effort
- To manage the project scale and pace, the Pape-Dawson amendment formalizes the need for Owner Advisor services, Construction Management and Inspection (CMI), and Design Engineer construction-phase support
- The Garney amendment expands Garney's role to establish the baseline engineering, procurement assumptions, and scope definition necessary to advance the Evangeline Groundwater Project under an accelerated schedule
- Because design packages are still progressing toward 60% completion, this amendment formalizes the design basis, well-field layouts, pipeline quantities, and 30% electrical and instrumentation documents, allowing procurement to proceed in parallel with engineering, ensuring long-lead materials, electrical equipment, and well-field components can be advanced without delay

**The goal of the amendment is to ensure the City has the technical, managerial, and field-level capacity required to bring this highest-priority water-supply project online as quickly as possible while mitigating risks.**

# Evangeline Groundwater Project

## Construction



## Project Overview

- Development of 22 additional wells (24 total)
- Well field water lines (approx. 35 miles)
- Connection to the Mary Rhodes Pipeline
- Electrical infrastructure and controls
- 3 MGD Ground storage tank
- 24 MGD high-service pump station
- Access roads

# Evangeline Groundwater Project

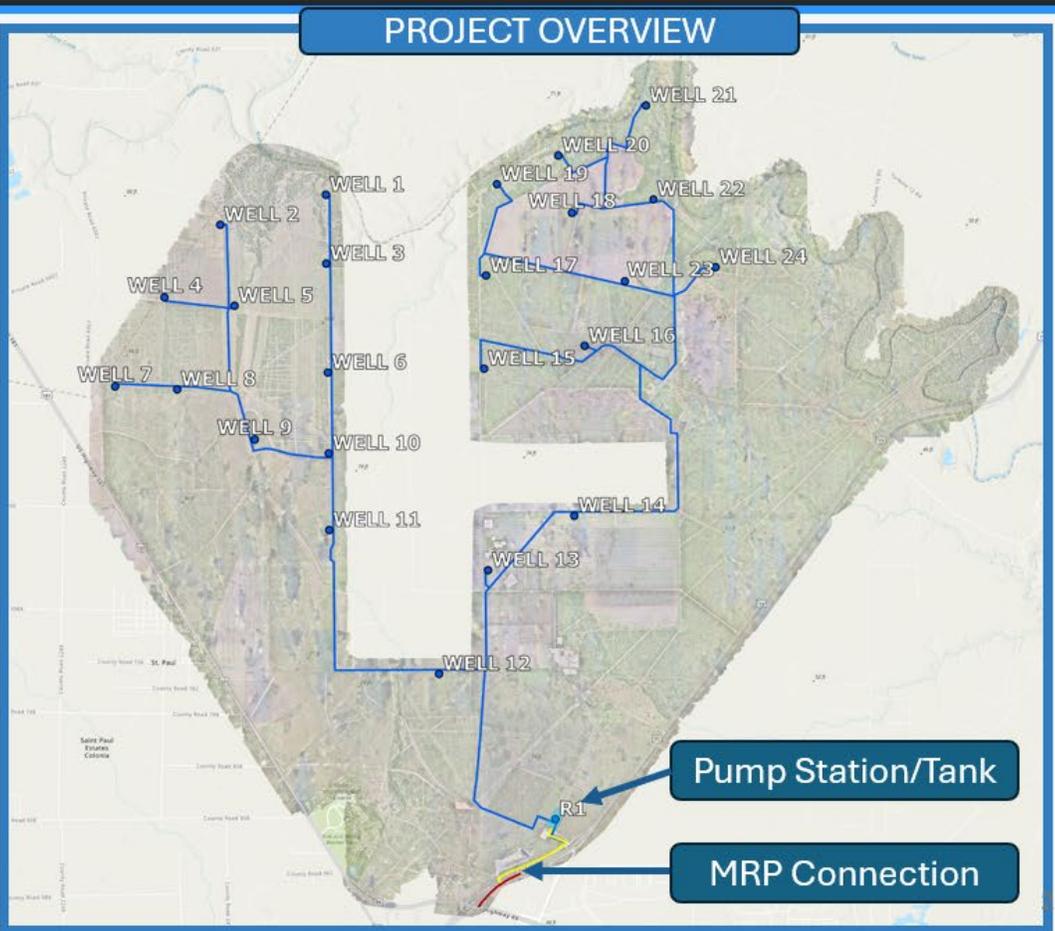
## Project Overview

- +/- 30 miles of pipelines
  - 66,000 LF of 36" and 48" pipe
  - Tunnels - 60 gas crossings & US77 crossings
- +/- 30 miles of new and upgraded roads
- 24 MGD pump station and 3 MG storage tank
- 24 well sites

30 miles =  
30% of Mary Rhodes Pipeline

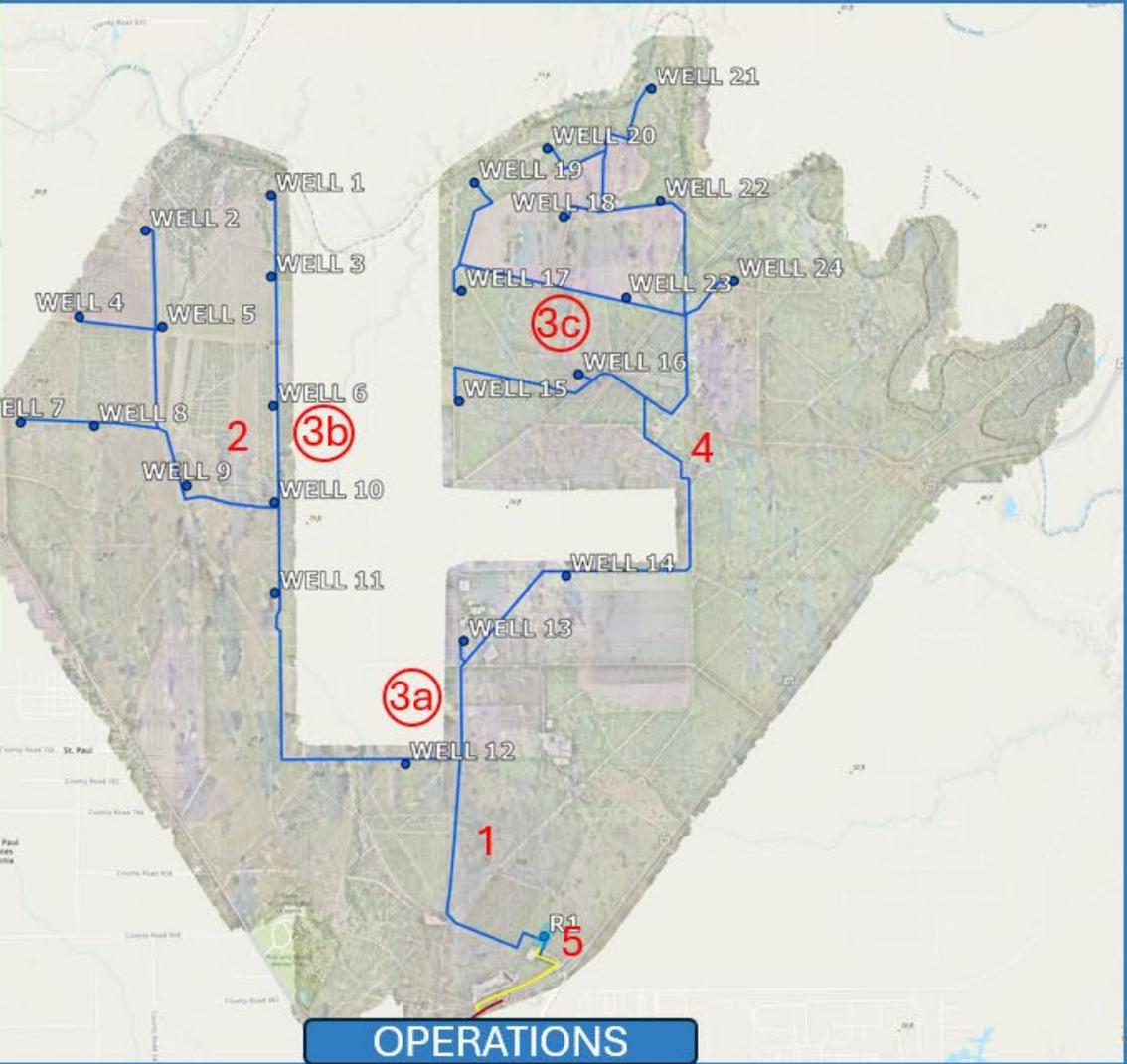
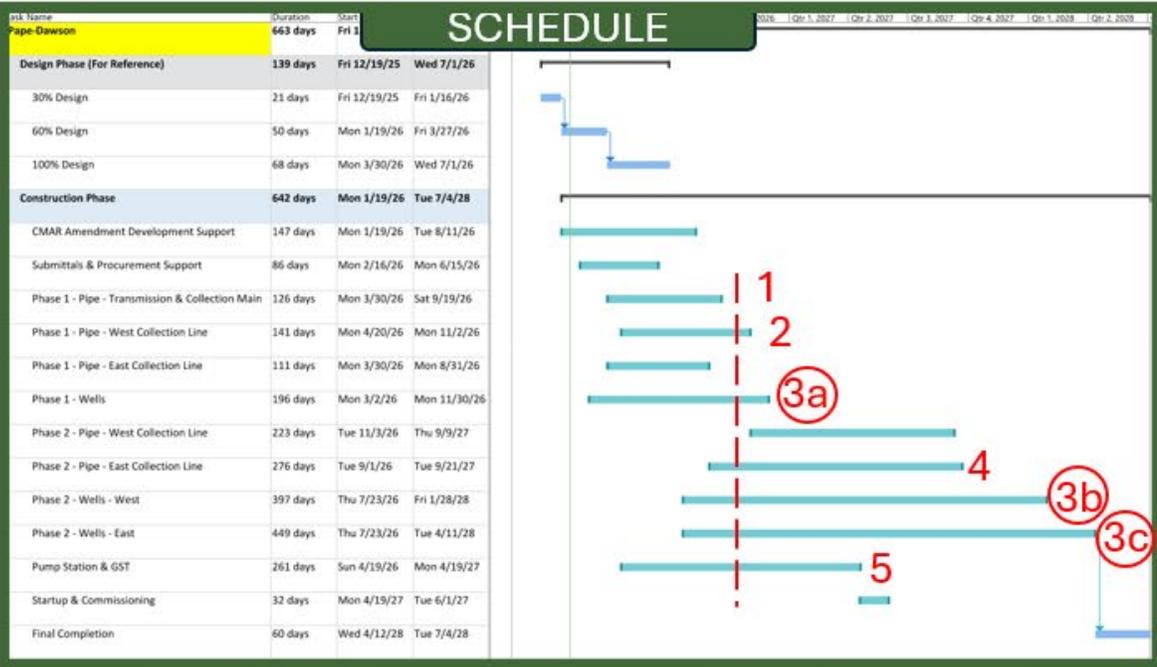
Condense 4-year process into 11 months

City of Corpus Christi Council TO#3 Brief



# Evangeline Groundwater Project

## Construction Scope



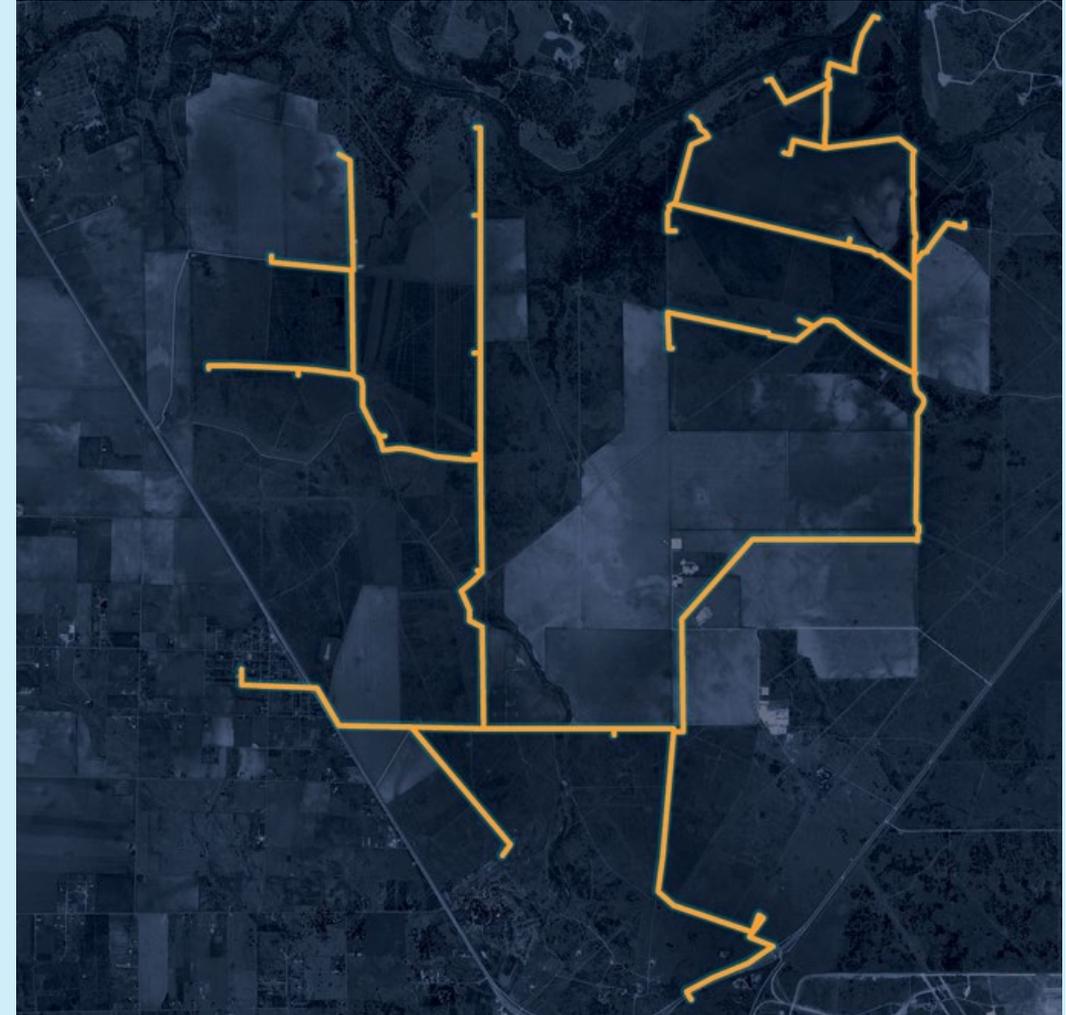
- As many as 5 operations (**projects**) at the same time
- Design on-going as construction begins

# Evangeline Groundwater Project

## Pape-Dawson Scope of Services

**CONSTRUCTION PHASE CONTRACT: \$13M or 2.9% of Opinion of Probable Construction Cost (OPCC)**

- **Project Management and Professional Engineering:  
~\$4.7M (Lump Sum)**
  - Fixed cost for defined duration
  - 28 months of continuous project management and engineering-of-record support, including:
    - Overall project management
    - Coordination with Garney, Terracon, PD/Hanson Engineering, CCW
    - Addressing Requests for Information (RFI)
    - Pay estimate review
    - Record drawings and closeout documentation
- **Construction Management Services:  
~\$8M (Time and Materials)**
  - Construction management and field representative services
  - Scales with actual construction activity
  - The City only pays for:
    - Hours actually worked
    - Services actually performed
  - Unused budget is credited back to the City
- **Contingency Allowance:  
~\$400K**
  - Used only if authorized
  - Unused funds are returned to the City



# Evangeline Groundwater Project

## Garney Companies Construction and Procurement

- Construction development and testing of 22 wells
- Construction and installation of monitoring wells (minimum of 12)
- Installation of 24 well pumps
- Electrical controls, variable frequency drives, SCADA, electrical cabinets, transformers
- Well collection system
  - Piping PVC and HDPE
  - Valves and fittings
- Water transmission main consisting of:
  - 10,124' of 48" HDPE
  - 42" BFV valve
- Connection to the Mary Rhodes Pipeline

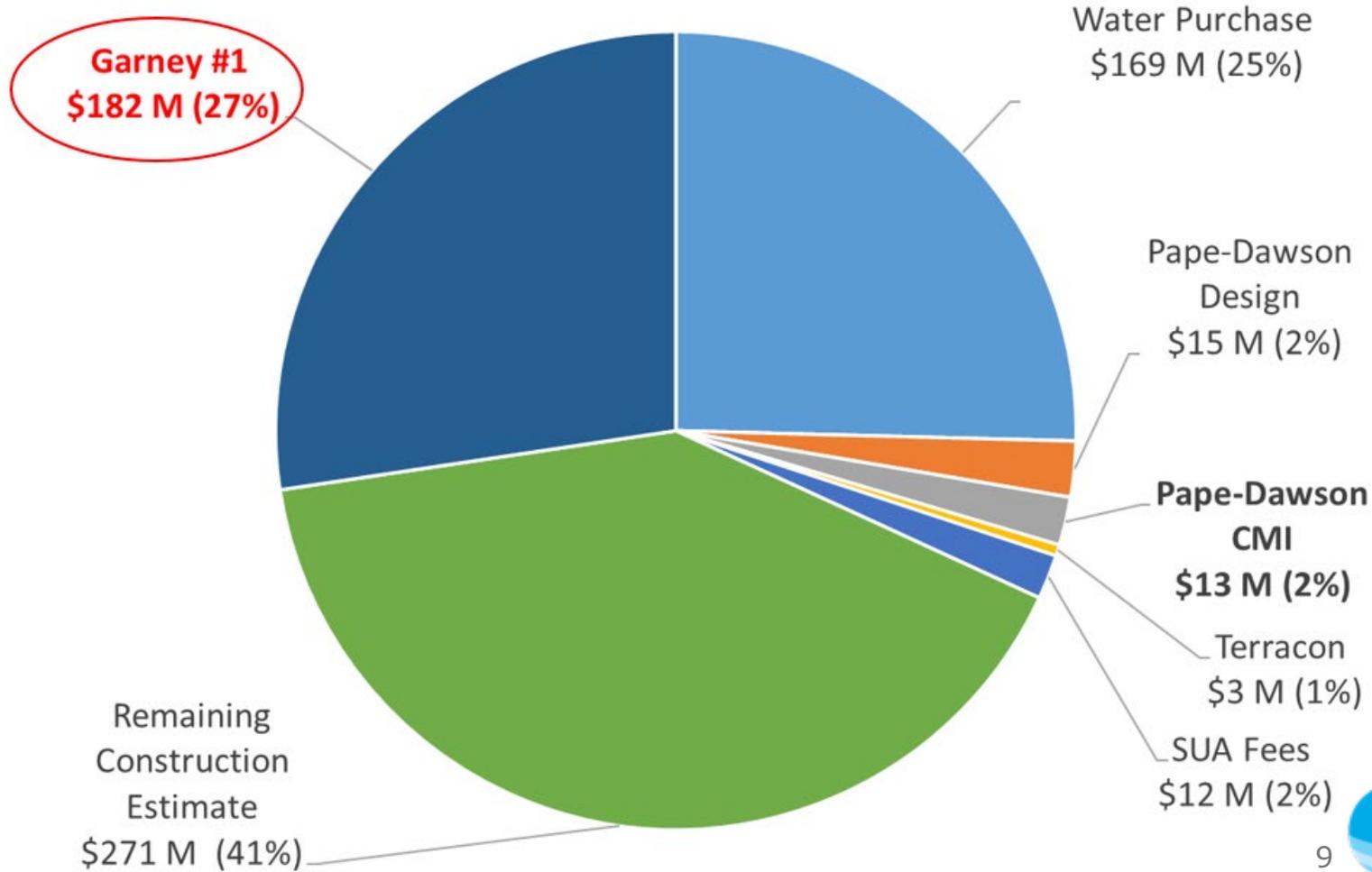
Diameter (inches)	Length (miles)
8	2
10	5
12	3
16	5
20	2
24	1
36	9
48	2
<b>Total</b>	<b>29</b>



# Evangeline Groundwater Project

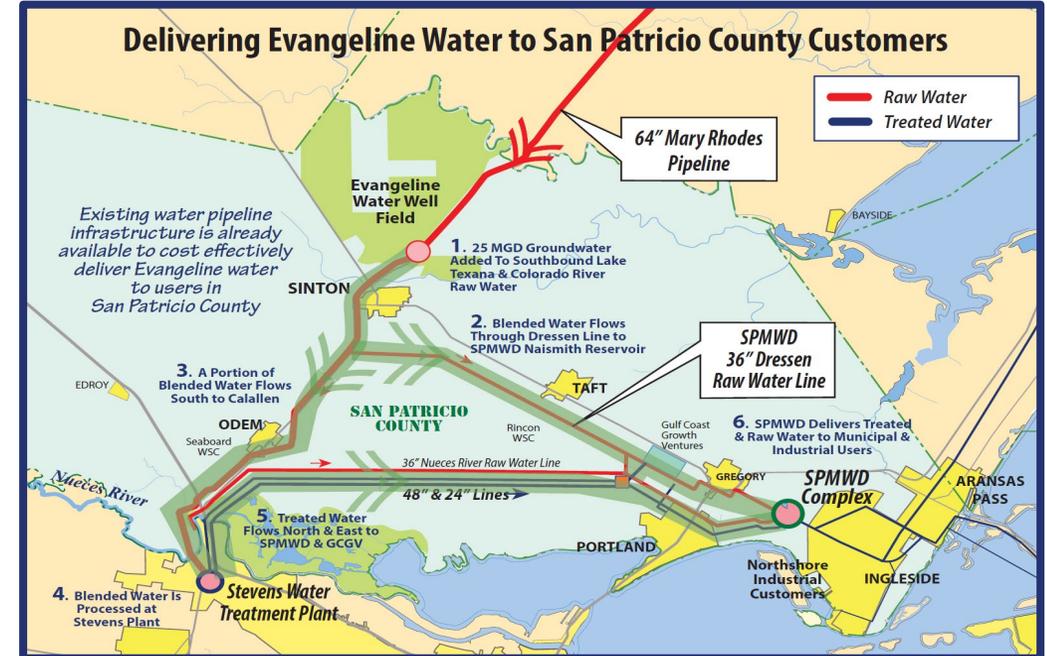
## Cost Breakdown

### GARNEY AMENDMENT #1



# Amendments Fiscal Impact

- The fiscal impact for Corpus Christi Water in FY26 is \$13,184,100.00 for Pape-Dawson Engineering, Inc. amendment No. 2 and \$182,389,792.00 for a CMAR contract amendment with Garney Companies, Inc.
- FY26 Adopted Capital Budget did not allocate funding for this construction management, inspection, and construction services; an amendment is now required to incorporate the necessary resources to support these agreements
- The fiscal impact for Corpus Christi Water in FY 2026 to perform construction management, inspection, and construction services for the Evangeline Groundwater Program is an amount not to exceed \$196,000,000.00, with funding available from the Water Capital Fund



# Evangeline Groundwater Project

## Costs and Rate Impact

24 million  
gallons  
per day



24 Wells  
(22 New  
Wells & 2  
Existing)



Integrated  
into the Mary  
Rhodes  
Pipeline



Drilling and  
transport  
permits still  
needed



Project Cost  
\$665.2M



Project	Water Rights Purchase	CAPEX	Total CAPEX / Water Rights	Annual OPEX	Cost of Water per 1,000 gal.	Current Raw Water Rate per 1,000 gal.	New Raw Water per 1,000 gal.	Raw Water Rate Increase per 1,000 gal.
Evangeline – 24 MGD	\$169.5M	\$495.7M	<b>\$665.2M</b>	\$3.4M	\$6.61	\$1.18	\$2.69	\$1.51

# Evangeline Groundwater Project

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Project Cost  
\$665.2M



Project	Monthly Bill Increase for Average Residential (6,000 gallons)	Monthly Bill Increase for Average Commercial (20,000 gallons)	Monthly Bill Increase for Average Large Volume (90,000,000 gallons)
Evangeline – 24 MGD	\$9.07	\$30.23	\$136,019.45

# Containerized Brackish Water Treatment Plant

## Staff Recommendations

Staff recommends approval of the ordinance authorizing execution of Amendment No. 2 to the Master Services Agreement with Pape-Dawson Engineers, Inc., and execution of a Construction contract amendment with Ganey Companies, Inc., as presented.



CITY OF CORPUS CHRISTI  
**CORPUS CHRISTI  
WATER**