

# **City of Corpus Christi Alternative Water Supplies Request for Information (RFI) Summary Report**



**Council Presentation  
June 11, 2019**



# Alternative Water Supplies

## Request for Information Background

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July 24,  
2018

- Recommendation made to City Council, continue to diversify our water supply
- Plan for future growth
- Pursue Desalination and other alternatives

August  
15, 2018

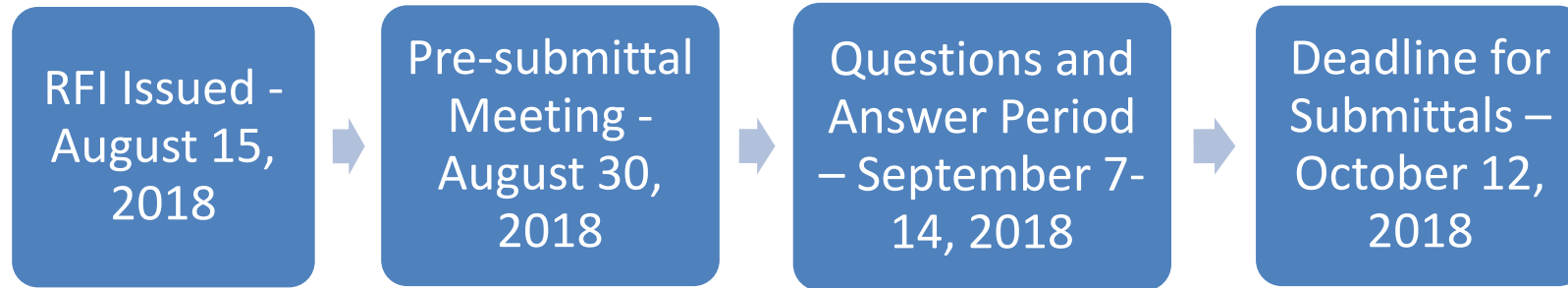
- City issued a Request for Information (RFI)
- Purpose to find new sources
- Open to all sources



# Alternative Water Supplies Request for Information (RFI)

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- RFI Process –



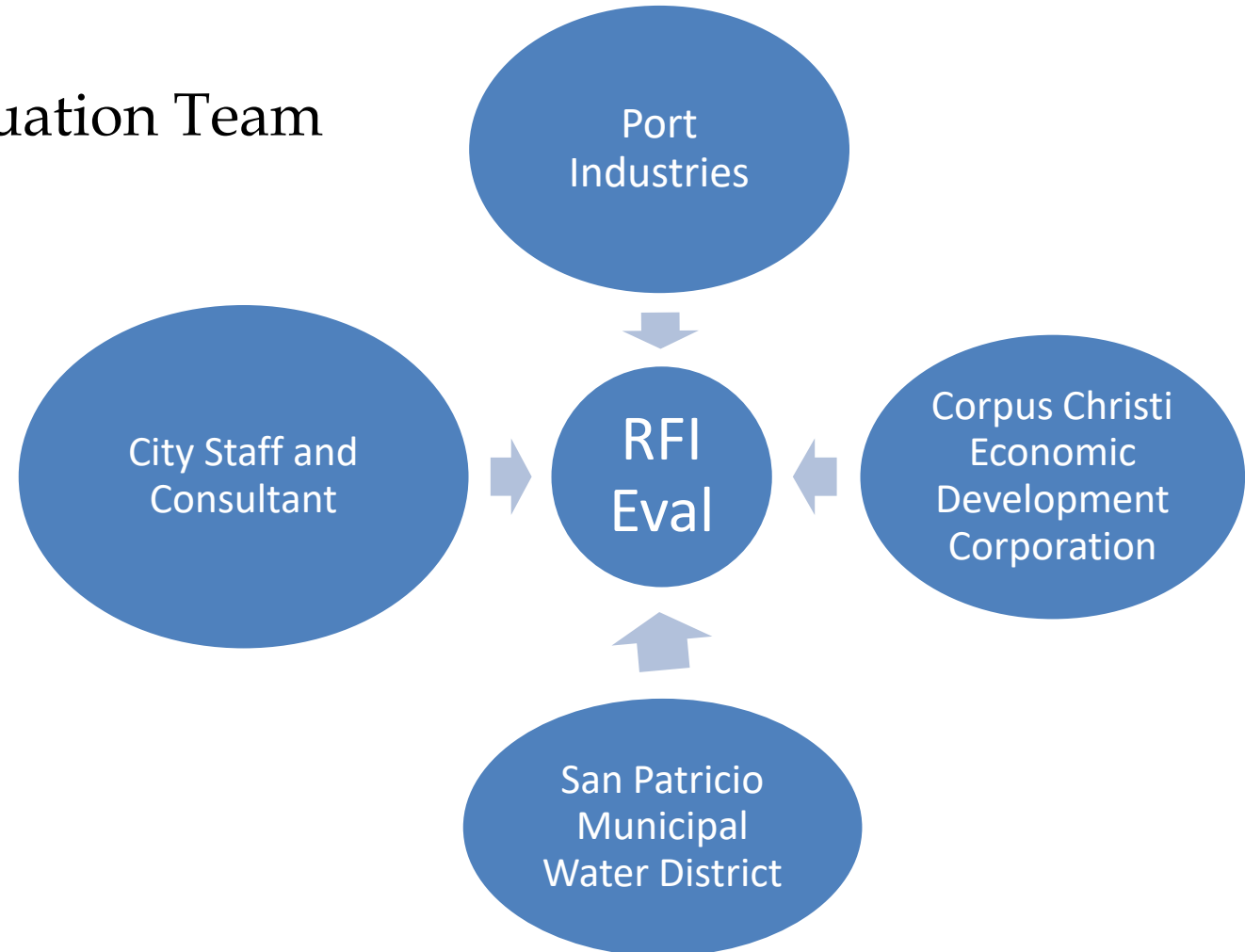
- Ten (10) Responses Received
    - Two (2) Groundwater
    - Two (2) Water Reuse
    - Six (6) Seawater Desalination
    - None on Aquifer Storage and Recovery
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# Alternative Water Supplies Request for Information Process

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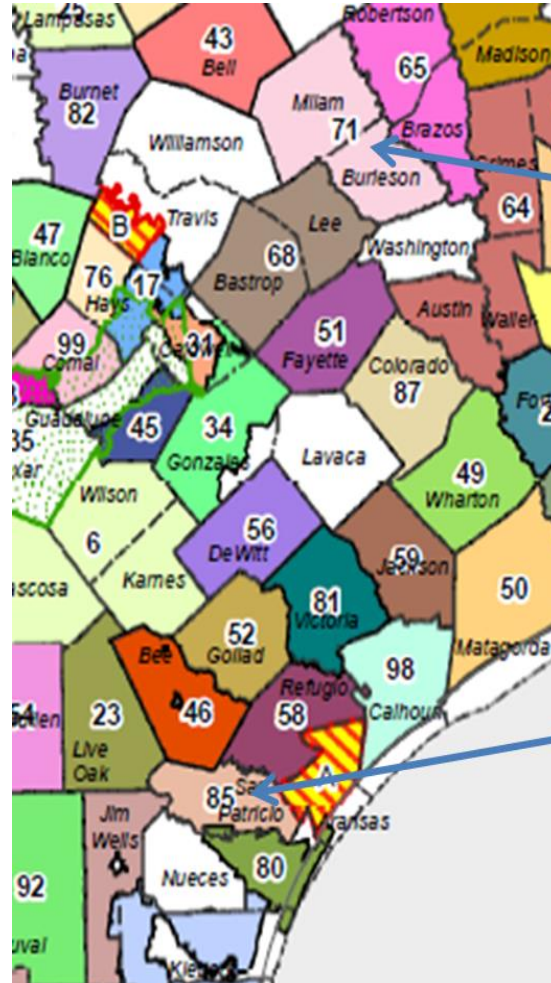
- RFI Submittals Evaluation Team





# Alternative Water Supplies Groundwater Responses (RFI)

1. Coastal Water Regional Supply Company, LLC.
2. Evangeline/Laguna, LP.



Coastal Water Regional Supply  
Burleson and Milam Counties

Evangeline/Laguna  
San Patricio County



# Alternative Water Supplies Water Reuse Responses (RFI)

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1. Poseidon Water - Suez
2. Veolia Water North America, Central, LLC



# Alternative Water Supplies Seawater Desalination Responses (RFI)

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1. Corpus Christi Civic Leadership Group
  2. Poseidon Water, LLC
  3. IDE Americas, Inc. and Kiewit Company
  4. Acciona Aqua
  5. Consolidated Water Co. LTD
  6. Seven Seas Water Corporation
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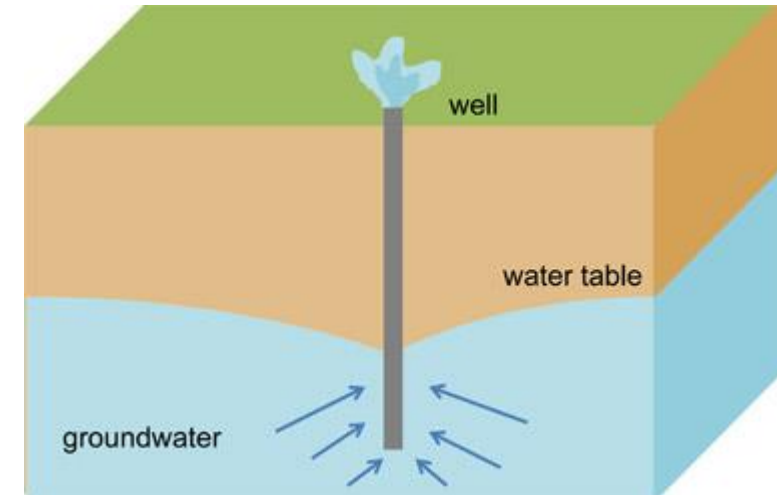
# Alternative Water Supplies

## Next Steps

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### Groundwater:

- Retain services of appropriate legal advisors
- Have detailed discussions with groundwater providers
- Determine best approach (Option, Lease or Purchase)
- Prepare and Issue formal Request for Proposals
- Evaluate and Award Contract







# Alternative Water Supplies

## Next Steps

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### Water Reuse:

- Identify Major Issues to be addressed
  - Source and Distribution Alternatives
  - Consumers
  - Salinity Concerns
  - Treatment & Distribution Costs
- Prepare future plan for development
- Incorporate these plans into future capital programs



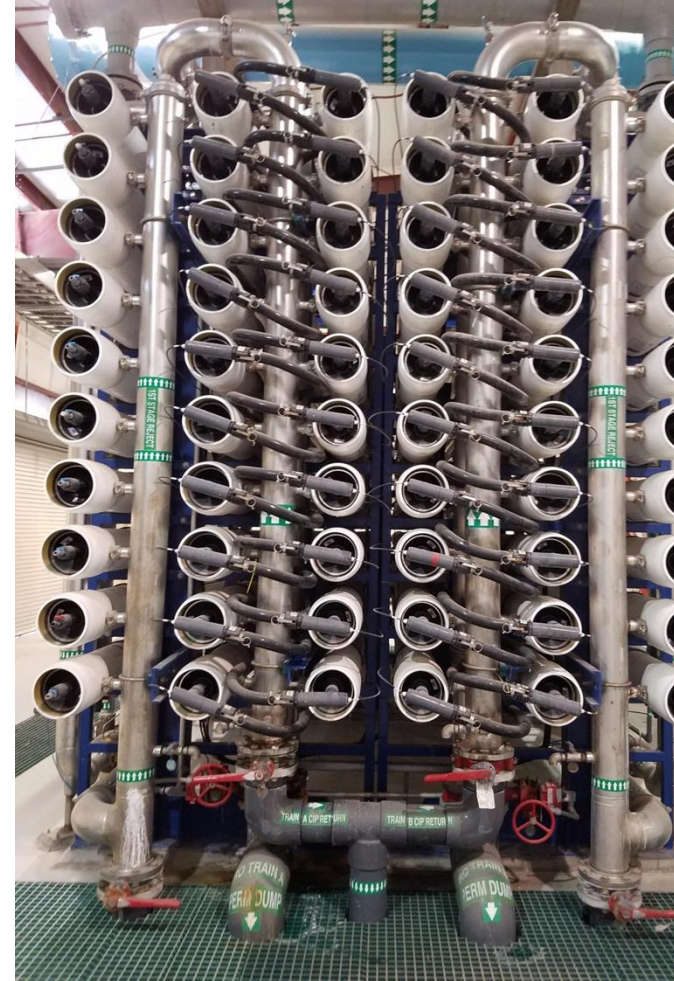


# Alternative Water Supplies

## Next Steps

### Seawater Desalination Plant:

- Continue with Permitting and Site Evaluation Process
- Acquire Recommended Sites (Inner Harbor and LaQuinta)
- Determine best approach (i.e. Public, Private or combination)
- Prepare and Issue a formal Request for Proposals
- Evaluate and Award Contract

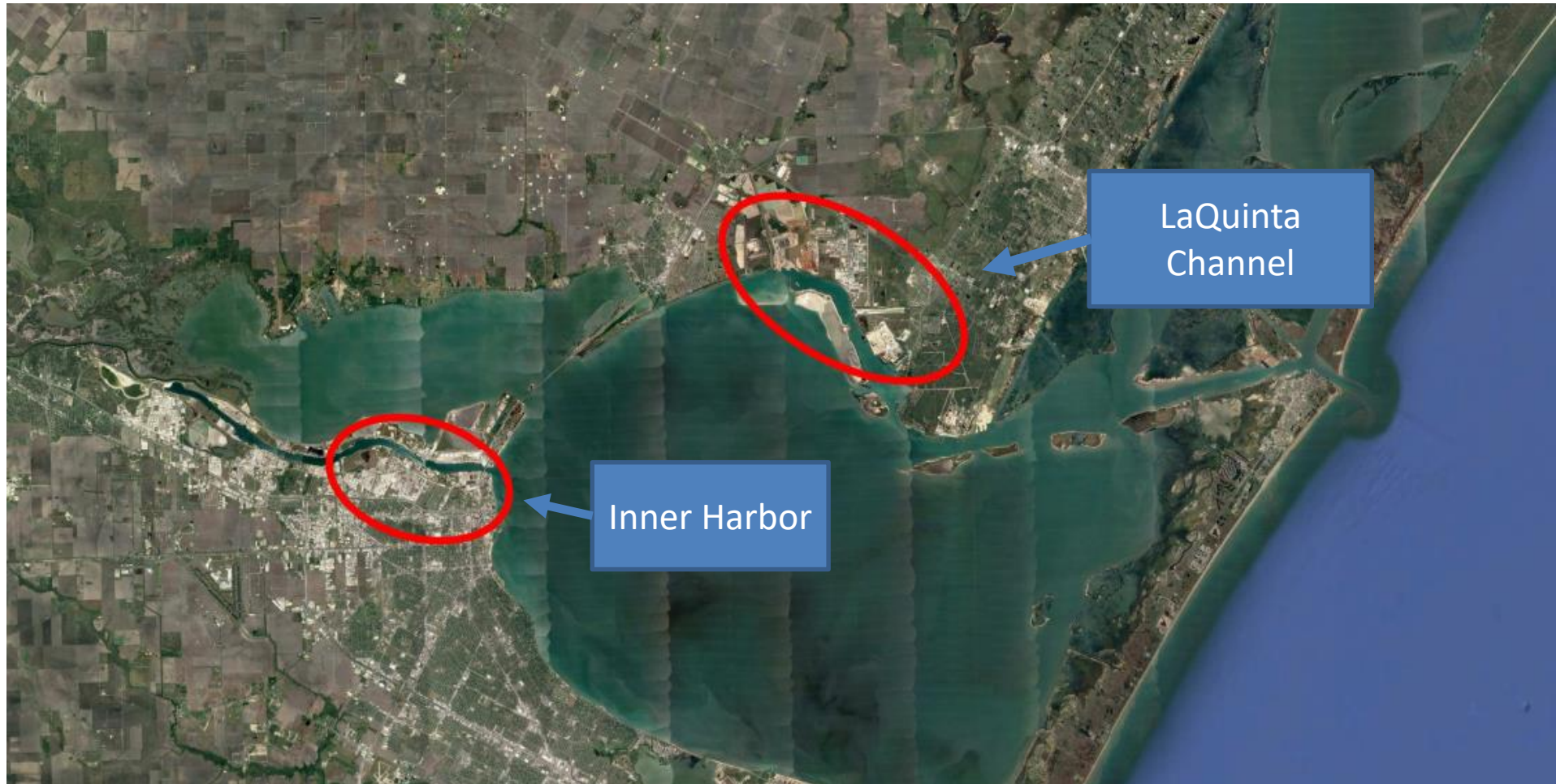




# Seawater Desalination

## Inner Harbor/LaQuinta Potential Siting Areas

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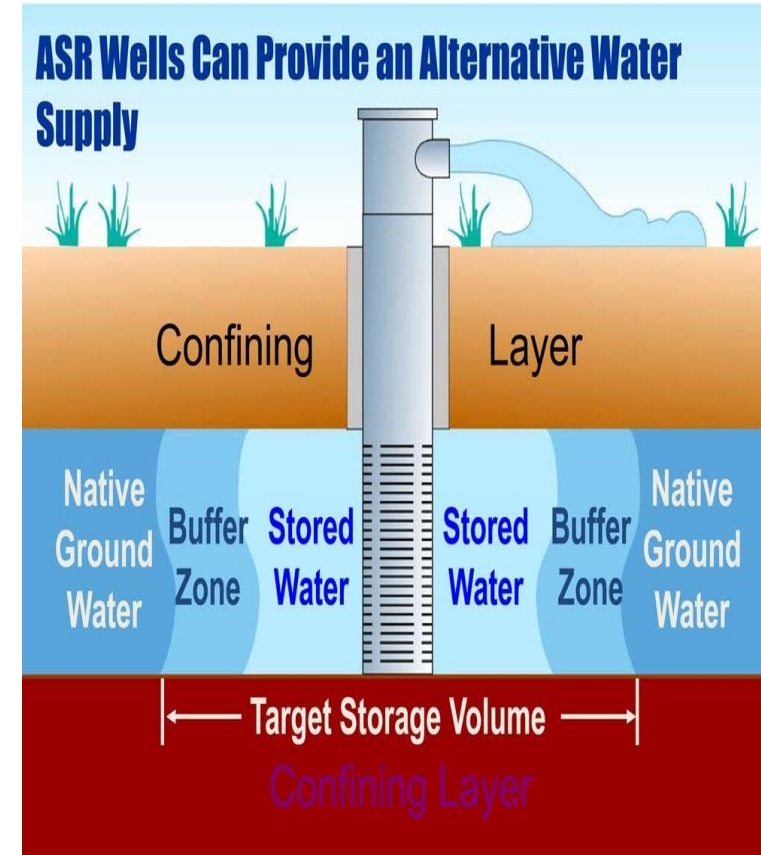


# Alternative Water Supplies

## Next Steps

### Aquifer Storage and Recovery:

- Complete studies on feasibility of development
- Determine benefits and cost
- Prepare future plan for development
- Incorporate these plans into future capital programs





# Water Supply Goal - “Plenty of Water for Future Growth”

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## Have Multiple Sources of New Water:

- Short Term and Long Term Sources
- Development Plans in place for each source
- Permits, Site Locations and Costs