

# Alternative Water Supply Projects Update

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# Proposed Projects At-A-Glance

## Harbor Island Seawater Desalination Collaboration with Port Corpus Christi

- Pape-Dawson Engineers water integration study continues

## Evangeline Groundwater

- HDR, Inc. is estimating the cost analysis for delivery locations

## Barney Davis Seawater Desalination

- HDR, Inc. has finalized the desktop study

## La Quinta Seawater Desalination

- Currently under review by Texas Commission on Environmental Quality

## Inner Harbor Seawater Desalination

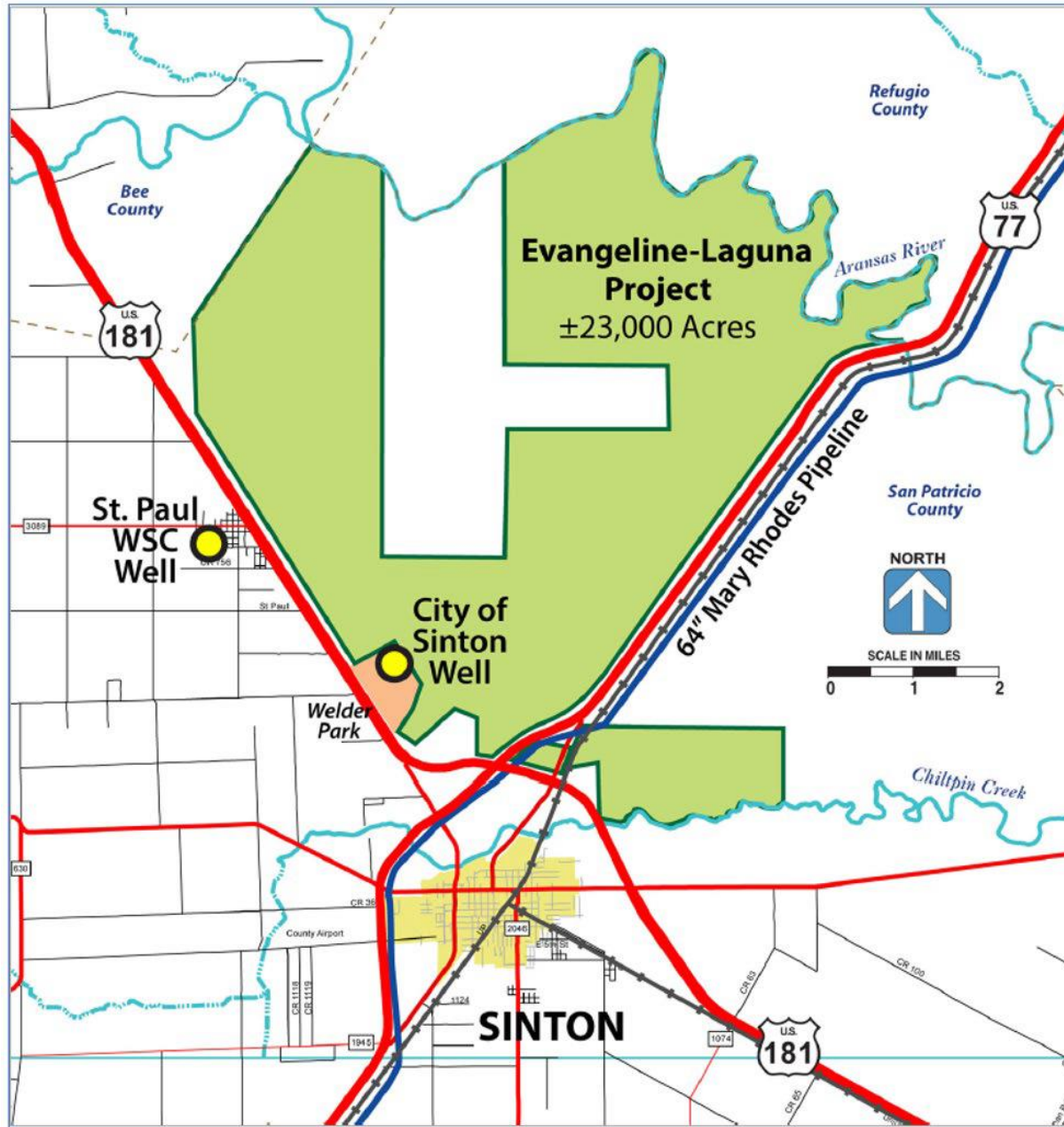
- Land acquisition option agreement has been signed

# Harbor Island Seawater Desalination



## Estimated 50-100 MGD

- The City and Port are meeting weekly online and in person once a month
- The Port's consultant, Pape-Dawson Engineers, is planning to give an update to the Port Commission and City Council on September 19, 2023
- Timeline for permits:
  - To be determined
- Timeline to construct:
  - To be determined
- Estimated cost:
  - To be determined

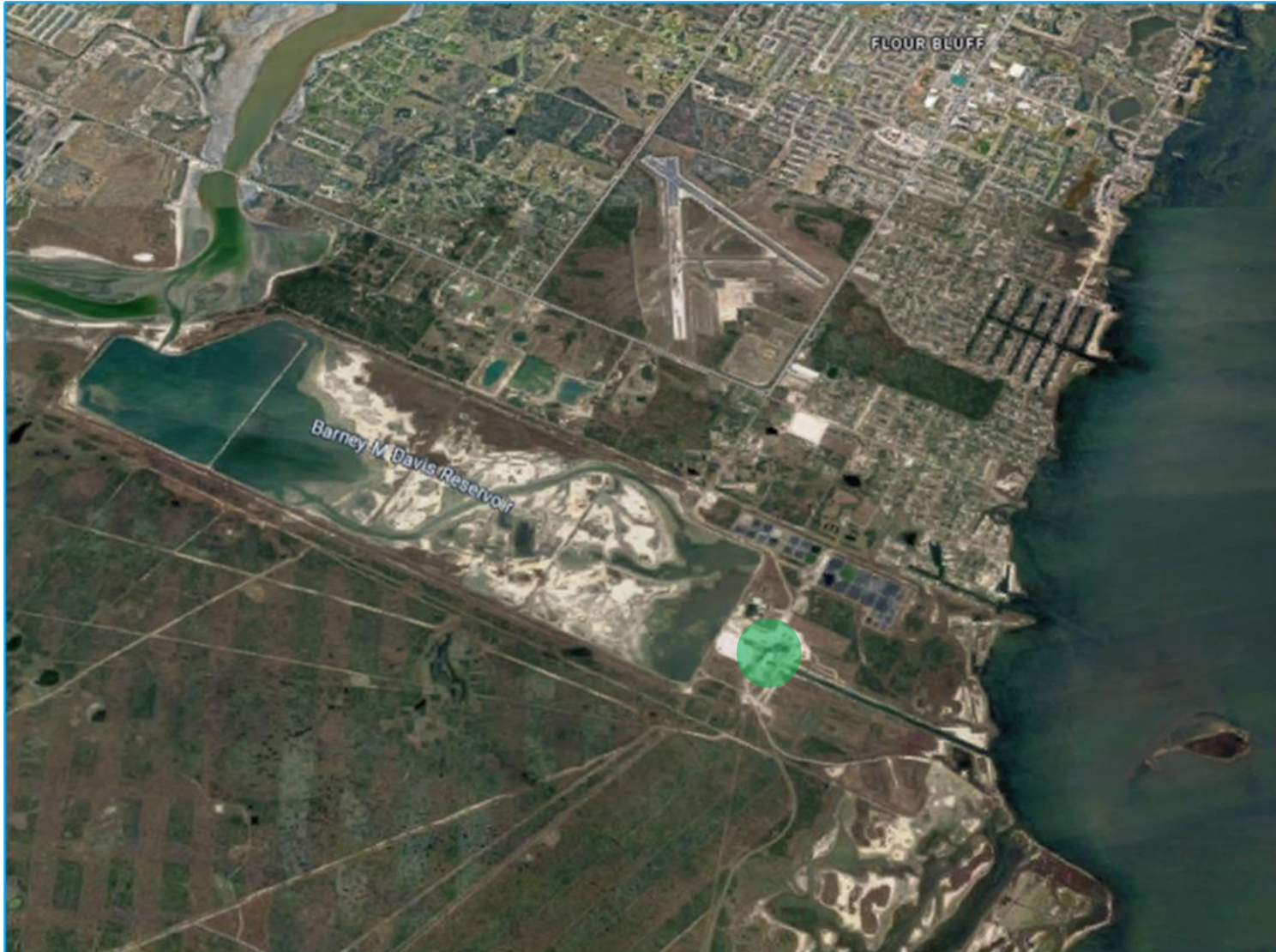


# Evangeline Groundwater Estimated 15-25 MGD

- HDR, Inc. has completed initial evaluation of the project's feasibility and delivery options
- Project's next steps: Meet with other large groundwater project representatives in South Texas and discuss lessons learned in order to better evaluate this plan
- Timeline for permits, easement and right-of-way acquisition: 2-5 years
- Timeline to construct: 3-4 years
- Estimated cost: To be determined

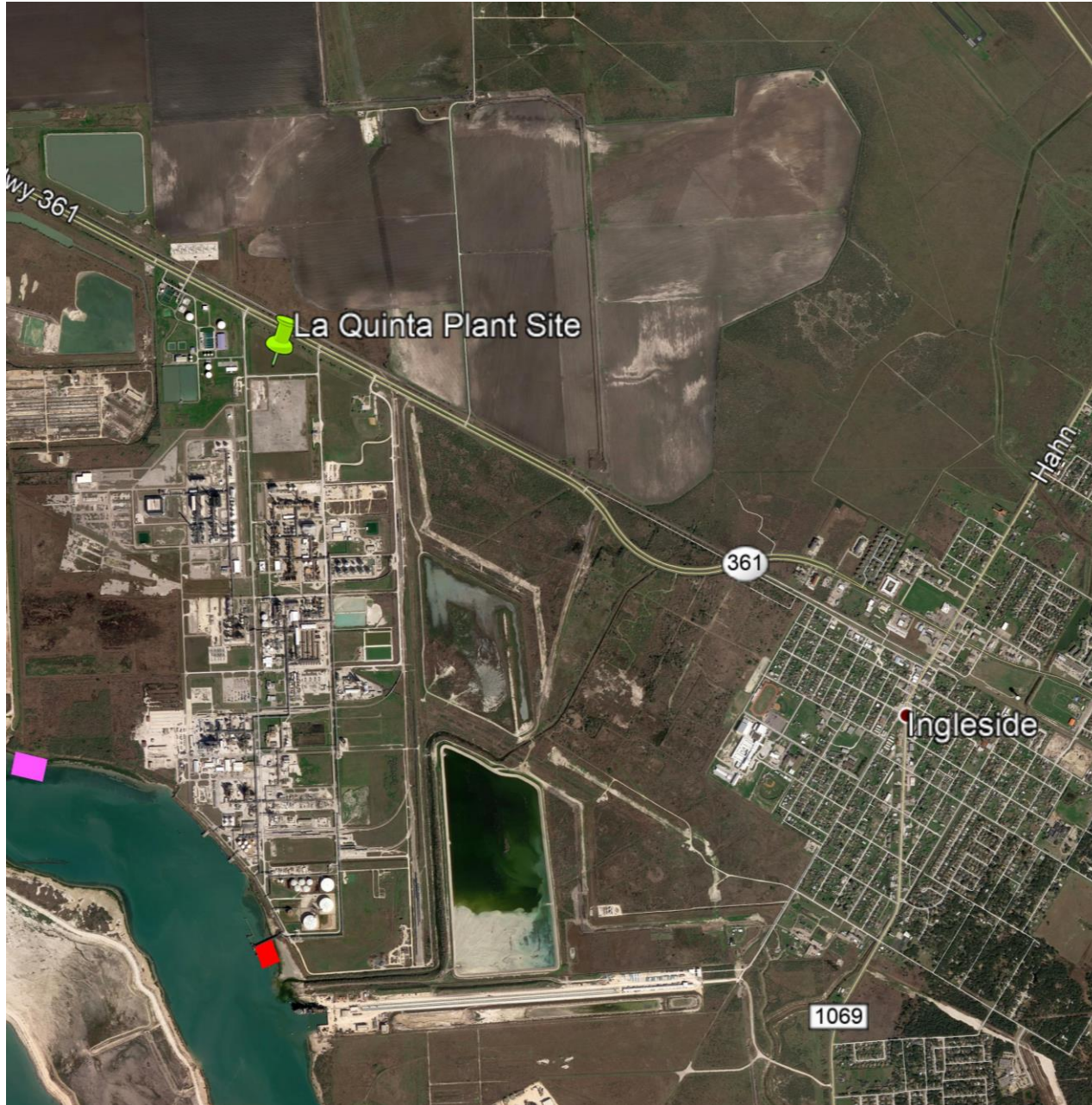


# Barney Davis Seawater Desalination Estimated 20-50+ MGD



- Desktop evaluation completed by HDR, Inc. to review feasibility, project timeline, and regulatory permitting requirements
- CCW staff met with TCEQ to discuss permitting timeframes and potential challenges
- Timeline for permits:  
7-10 years
- Timeline to construct:  
3-4 years
- Estimated cost:  
\$300-\$500 Million



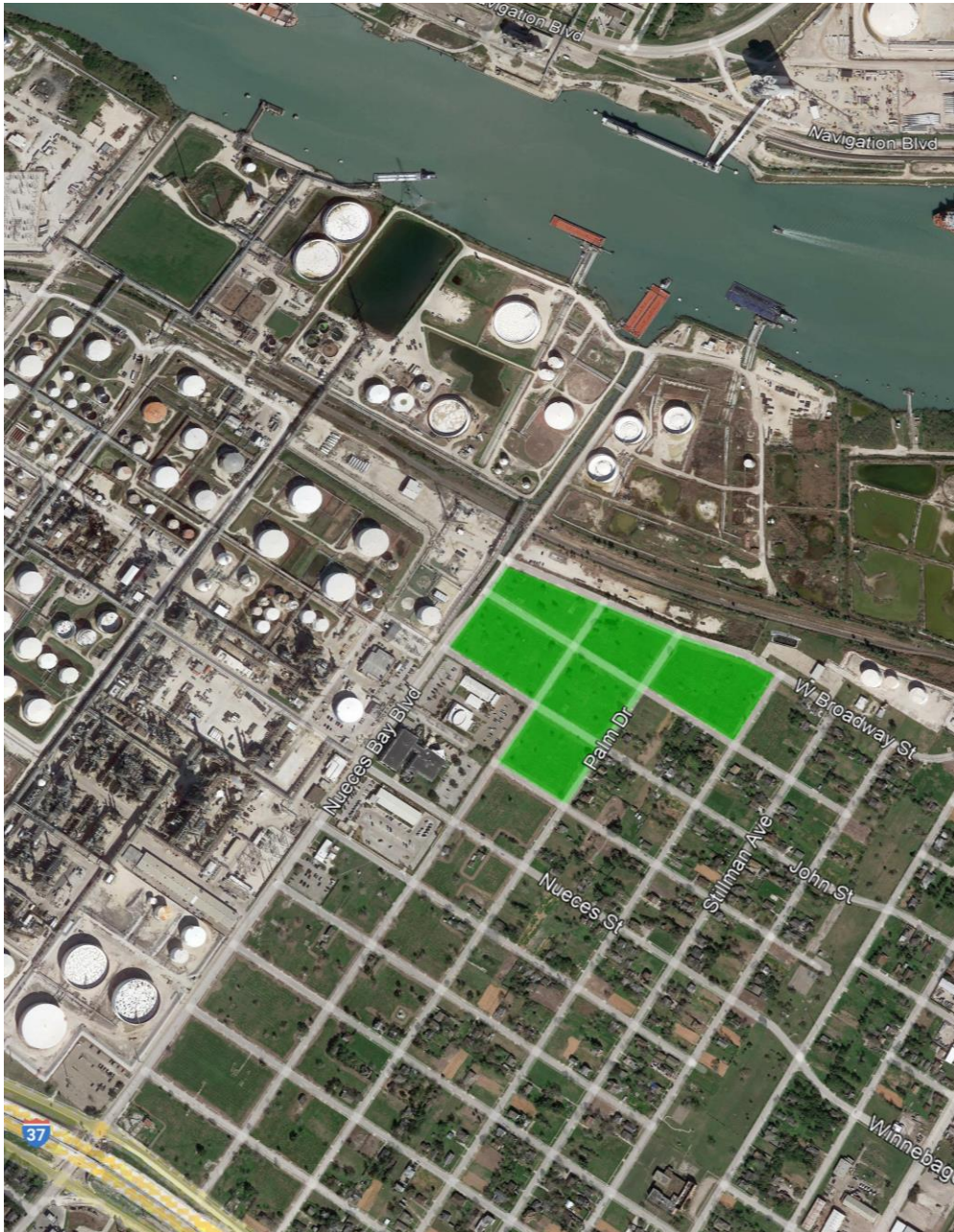


# La Quinta Seawater Desalination

## Estimated 20-40+ MGD

- Water right intake permit:  
Expected fall 2023
- Discharge permit:  
In technical review
- Timeline to construct:  
Land acquisition discussion will begin in 2024





# Inner Harbor Seawater Desalination 20-30 MGD

- Water right intake permit:  
Granted October 2022
- Discharge permit:  
Draft permit expected fall 2023
- AEP electrical study:  
Nearing completion
- USACE permit:  
Application in review
- Timeline to construct:  
Land acquisition option contract signed
- Estimated cost:  
\$250-\$350 Million  
(\$30-\$50 Million grant funding available)

The top half of the slide features four horizontal, wavy stripes in various shades of blue, creating a dynamic, water-like effect.

Thank you!

The logo for Corpus Christi Water (CCW) features the letters 'CCW' in a bold, blue, sans-serif font. The letters are filled with a gradient of blue and have a wavy, water-like texture.

Corpus  
Christi Water<sup>SM</sup>  
*Serving the Coastal Bend*