



MOU_GCWA Desal Study

Presented by

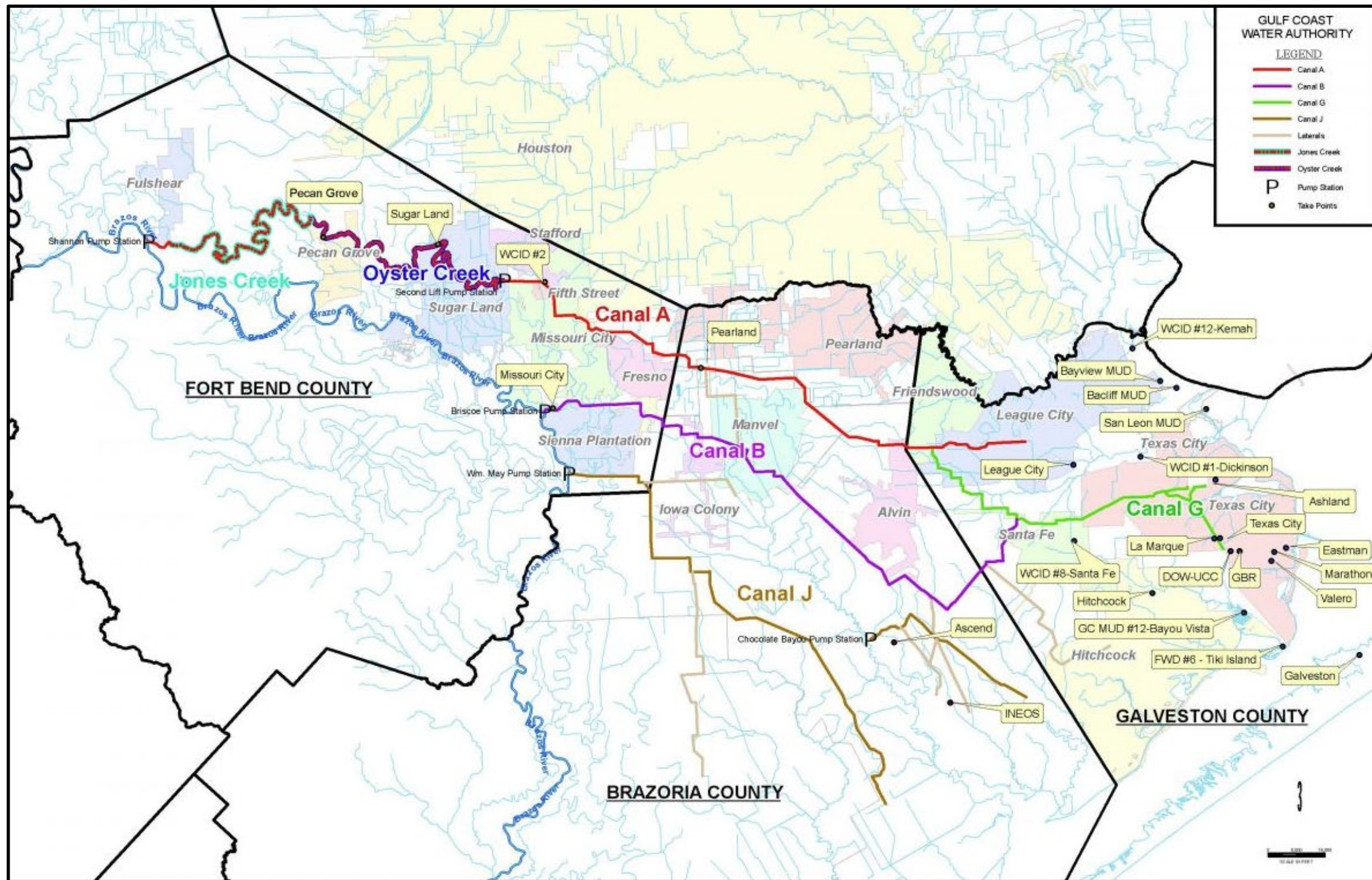
Brad Brunett

Central & Lower Basin Regional Manager



Gulf Coast Water Authority Systems

Brazos River Authority





Regional Desalination Feasibility Study

- **GCWA submitted grant application to Bureau of Reclamation in February 2023**
- **Total study cost estimated at \$731,000**
 - **Half to be funded by Bureau of Reclamation grant (\$365,500)**
 - **Half to be funded by local sponsors (\$365,500)**
- **Grant funds expected to be awarded in April 2024**
- **GCWA planning to partner with BRA & Harris – Galveston Subsidence District**
 - **Will require local matching funds of approximately \$123,000 from each entity**
- **GCWA will manage 12-month study effort**
- **GCWA negotiating contract with Black and Veatch to perform study work**
- **BRA will be involved with meetings, project discussions, and work product reviews**
- **BRA benefit – seawater use along the coast would reduce the need for surface water from upstream**



Major Study Elements

- 1) Project Management and Coordination**
- 2) Stakeholder Outreach and Communications**
- 3) Water Supply Portfolio Modeling and Determination of Volume and Timing of Water Desalination Supply**
- 4) Project Siting Recommendations**
- 5) Plant Configuration and Cost Estimate for Preferred Site**
- 6) Permitting and Other Regulatory Actions**
- 7) USBR Water Reclamation and Reuse Evaluation Requirements**
- 8) Study Report**



“BE IT RESOLVED that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to execute a Memorandum of Understanding with the Gulf Coast Water Authority and the Harris-Galveston Subsidence District to participate in a regional seawater desalination feasibility study led by the Gulf Coast Water Authority and conducted in compliance with the US Department of the Interior Bureau of Reclamation Title XVI Water Reclamation and Reuse Program and Desalination Construction Program Feasibility Study Review Process.”

BE IT FURTHER RESOLVED that the General Manager/CEO is authorized to contribute one third of the local match funding required for the study effort up to an amount not to exceed \$150,000.00.”



Brazos River Authority



Brazos

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RIVER AUTHORITY