

Reclaimed Water for Industrial Reuse Project

Nicholas J. Winkelmann, P.E.

Interim Chief Operating Officer – Corpus Christi Water

November 18, 2025



Background

- City has used wastewater effluent for non-potable reuse since the 1960s
- Effluent Water is currently and/or planned to be utilized at:
 - Oso WWTP: Corpus Christi Country Club, Oso Gulf Course, TAMUCC, Bill Witt Park, Delmar CC, Police Department, Future Bond Projects with Parks
 - Laguna WWTP: Naval Air Station
 - Whitecap WWTP: North Padre Island Development
 - Greenwood WWTP: Lozano GC, Greenwood Ballfields
 - Allison WWTP: Veterans Cemetery, Future Bond Projects with Parks
- The remainder effluent is discharged into creeks, bays, and estuaries

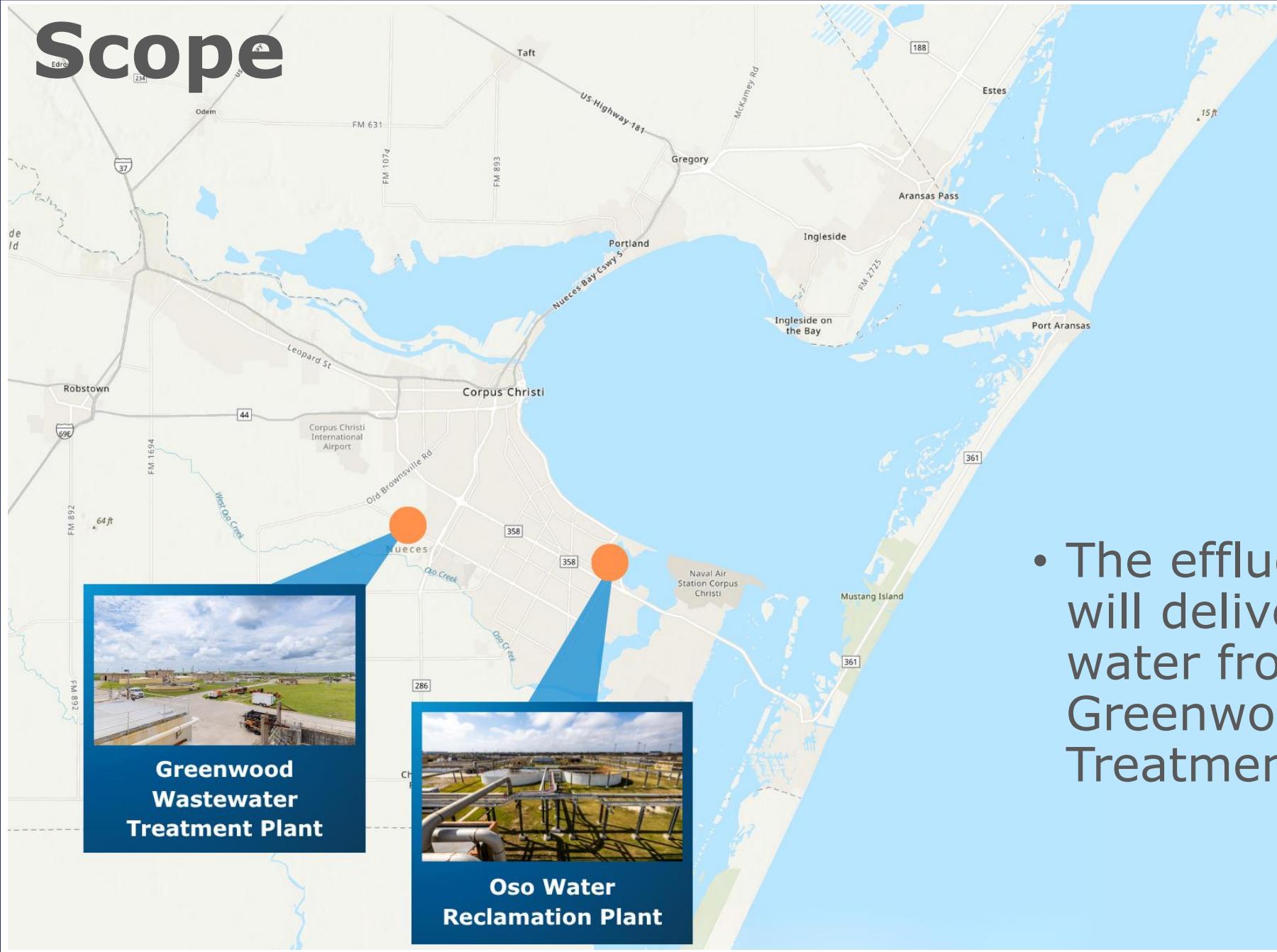


Purpose

- The effluent reuse project will expand the reuse of treated effluent delivery systems from Oso WRP to increase reliability, capacity, and efficiency of the City's non-potable reuse system
- The project will result in offsetting demands from the potable water system



Scope



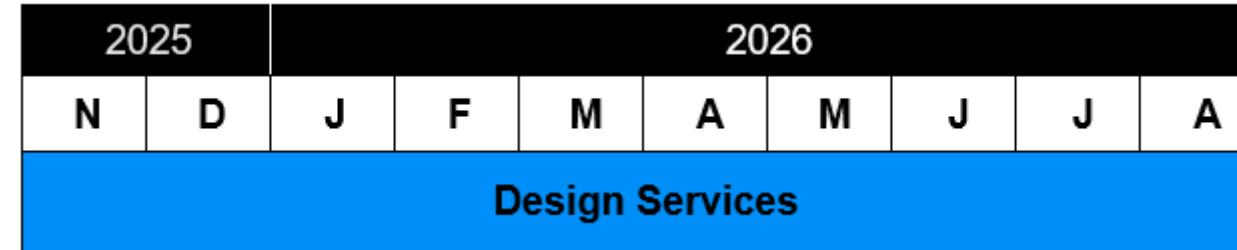
- The effluent reuse project will deliver non-potable water from Oso WRP to Greenwood Wastewater Treatment Plant (WWTP)

Scope

- The system will consist of a proposed 10-million-gallon ground storage tank to provide 6 hours of buffering capacity at Oso WRP and an Oso WRP effluent pump station
- A force main consisting of an estimated 65,800 linear feet will be installed and routed to follow City rights-of-way and easements as much as possible
- The project will be designed for expected completion



Project Timeline



Projected schedule reflects City Council award in November 2025, with anticipated design completion in August 2026. Construction phase of the project will be determined based on the design of the project.

Competitive Solicitation

Due to the urgency of this project an exception to the City's procurement policy is being requested.

- Local Government Code 252.022(a) exempts this contract or procurement from the State's competitive bidding requirements because it is a procurement for professional services

Fiscal Impact

The fiscal impact for Corpus Christi Water in FY 2026 is an amount not to exceed \$11,000,000.00 with funding through the Water Capital Fund.

- The FY26 Adopted Capital Budget did not allocate funding for this design; an amendment is required to incorporate the necessary resources to support this Master Service Agreement.

Staff Recommendation

Staff recommends approval of the Master Service Agreement with Ardurra, Group Inc., in the amount not to exceed \$11,000,000.00 for the Reclaimed Water for Industrial Reuse Project and amend the FY26 Capital Budget.

