



CITY OF
CORPUS CHRISTI

AGENDA MEMORANDUM
Presentation for the City Council Meeting

DATE: June 2, 2026
TO: Peter Zanoni, City Manager
FROM: Nicholas J. Winkelmann, P.E. Chief Operating Officer

Presentation on the Corpus Christi Bay, Nueces Bay, and ship channel Far Field Study with Modeler, Spheros Environmental Group with Far Field Committee member comments on study results.

BACKGROUND AND PURPOSE:

On November 18, 2025, City Council approved the motion to immediately begin the procurement process to select a vendor for the far field study. On December 16, 2025, CCW presented the development of the Far Field Committee to provide input and to ensure a collaborative and transparent analysis and interpretation of the Far Field Model process. The Far Field Committee had a total of eight meetings providing incorporation of committee feedback on data inputs and assumptions.

The Far Field Model is a simulation of operations of the proposed Inner Harbor desalination facility and to assess the fate and transport of the desalination brine discharge throughout the Corpus Christi Bay System. The original baseline model was developed for the Port of Corpus Christi in 2023, using 2010-2011 period, and model improvements were made to better simulate the hydrodynamics of the Inner Harbor area.

LIST OF SUPPORTING DOCUMENTS:

Presentation