

City of Corpus Christi and Port of Corpus Christi Desalination Collaboration Update

For Corpus Christi City Council

April 18, 2023



Framework

- March 21, 2023 - Corpus Christi City Council (The City) approves a Motion “directing the City Manager to work out a framework on how the Port of Corpus Christi can assist the City of Corpus Christi in pursuit of desalination and other water resources for the long-term growth of the City of Corpus Christi and the Coastal Bend.”
- March 21, 2023 – Port of Corpus Christi (The Port) Commissioners approve a Memorandum of Understanding (MOU) “to provide a framework for collaboration between the City and the Port for the pursuit of drought resistant water supplies for the long-term growth of the Coastal Bend. This MOU affirms the City’s position as the regional water supplier. This MOU will set forth the expectation for equally sharing of all costs associated with the development of drought resistant water supplies.”

Inner Harbor Site



Per The Port MOU:

- “The City, at its sole cost and expense, may continue to pursue all Permits required for development of the desalination project in the inner harbor. Any concerns or issues regarding the Permit in the inner harbor site or other city desalination sites, or the permitting process shall be communicated amongst both parties.
- If the City receives the required permits for a desalination plant in the inner harbor, the Port will work with the City to identify Port owned property that could be used for the construction of the plant, including any and all necessary easements.”

PCCA Harbor Island Site



Location of actual desal facility on HI

Per The Port MOU:

- “The Port, at its sole cost and expense, may continue to pursue all Permits required for development of the desalination project on Harbor Island.
- If a desalination facility is to be built on Harbor Island, the City and the Port will jointly decide the best option for the design, construction and operation of the Harbor Island desalination plant.
- The City will be the sole taker, distributor, and seller of water from the desalination plant located at Harbor Island or any other Port permitted water sources.
- The City will be the sole responsible party for committing any water supply to any new prospective large water users to ensure availability of water and consistency of rates and related surcharges.”

Collaboration Update

- On March 21, 2023, City Council directed City Manager to work directly with PCCA CEO to discover ways PCCA can assist CCW in acquiring seawater desalination (Inner Harbor, La Quinta, Evangeline, Barney Davis, or Harbor Island).
- To Date, CM and PCCA CEO have met numerous times:
 - One on One
 - Site visits to the Harbor Island location
 - Phone Conversations
- Upcoming site visits with Councilmembers and Port Commissioners:
 - Inner Harbor - April 21, April 28, or May 5
 - Barney Davis - TBD

Collaborative Actions

- Verbal agreement between CM and PCCA CEO:
 - “If the Harbor Island location doesn’t work, the Port will assist with Inner Harbor, etc...”
- CM recommended an engineering firm to PCCA CEO for further study of Harbor Island.
- End goal of finding the most cost-effective site for the ratepayer.

A decorative graphic consisting of four horizontal, wavy bands of varying shades of blue (light cyan, medium cyan, and dark cyan) that span across the upper half of the slide.

Thank you!

CCW Corpus
Christi WaterSM
Serving the Coastal Bend