

The Coastal Bend Regional Water Planning Group
for the Senate Bill 1 Regional Water Planning Program
will meet on November 14, 2019 at 1:30pm
at the Johnny Calderon County Building
710 E. Main Street, Robstown, Texas 78380

(All meetings of the Coastal Bend Regional Water Planning Group are open to the Public)

MEETING AGENDA

(The complete agenda packet will be available at <https://www.nueces-ra.org/CP/RWPG/> on November 8, 2019)

- I. Call to Order
- II. Roll Call
- III. **ACTION ITEM:** Consider Approval of Minutes of the September 19, 2019 Meeting of the Coastal Bend Regional Water Planning Group
- IV. **ACTION ITEM:** Consider Approval of a Meeting Schedule for 2020
- V. **ACTION ITEM:** Consider Authorizing NRA to Disseminate Requests for Local Funding for Calendar Year 2020 Administrative Activities
- VI. **Discussion Item:** Preliminary Results of Selected Water Management Strategies to be Included in the 2021 Plan
 - City of Alice Brackish Groundwater Desalination Project
 - Evangeline-Laguna LP Groundwater Project
 - Coastal Bend Regional Seawater Desalination Project
 - City of Corpus Christi Seawater Desalination Project
- VII. **Discussion Item:** Port of Corpus Christi Authority (PCCA) La Quinta Channel Desalination Plant and Harbor Island Desalination Plant Projects (**See attached addendum**)
 - ACTION ITEM:** Consider Request by the PCCA for the La Quinta Channel Desalination Plant Project to be Included in Region N 2021 Plan as a Recommended Water Management Strategy for Future Industrial Demands in San Patricio and Nueces Counties
 - ACTION ITEM:** Consider Request by the PCCA for the Harbor Island Desalination Plant Project to be Included in Region N 2021 Plan as a Recommended Water Management Strategy for Future Municipal and Industrial Demands in San Patricio and Nueces Counties
- VIII. **Presentation:** Drought Preparedness Council (DPC) Recommendations
 - ACTION ITEM:** Consider DPC recommendations and adopt any modifications to Region N-adopted Drought Response Approach from May 9, 2019, as needed.
- IX. **Presentation:** Socio-Economic Impact Analysis Report
 - ACTION ITEM:** Provide Comments on the Socio-Economic Impact Analysis Report and/or Accept the Report for Inclusion in the 2021 Initially Prepared Plan
- X. **RWPG/TWDB Administrative and Other Issues**
- XI. General Public Comment
Citizens may address the Planning Group concerning an issue of interest that is not listed on the agenda. Agenda item comments must be made when the item comes before the board. The planning group may place a time limit on all comments.
- XII. Confirm Next Meeting Date
- XIII. Adjourn

FOR MORE INFORMATION, CONTACT: Nueces River Authority, Coastal Bend Division,
602 N. Staples Street St., Suite 280, Corpus Christi, Texas 78401 361-653-2110 <http://www.nueces-ra.org>

Addendum

The Port of Corpus Christi Authority (PCCA) has requested to be added to the November 14, 2019 meeting agenda to present two desalination projects to be included as water management strategies in the 2021 Plan.

See the attached letter for the request and description of the projects.

November 11, 2019

Co-Chairs Carola Serrata and Scotty Bledsoe
Region N Regional Water Planning Group
c/o Rocky Freund
Nueces River Authority
602 N. Staples Street, Suite 280
Corpus Christi, Texas 78401

Subject: Evaluation of Seawater Desalination Strategies
Region N Water Plan

Dear Chairman Serrato and Chairman Bledsoe,

Please accept this letter as a formal request for the Coastal Bend Regional Water Planning Group (CBRWPG) to consider and evaluate two distinct seawater desalination strategies to be sponsored by the Port of Corpus Christi Authority (PCCA) in the 2021 Coastal Bend (Region N) Regional Water Plan.

The Port of Corpus Christi is a strong advocate of our state's regional water planning process and, as such, fully appreciates the efforts of the CBRWG to ensure a secure future water supply for the Coastal Bend. In recent years, the Port of Corpus Christi has seen industrial growth within the region increase at an exponential pace unlike any time in the Port's history. This significant growth combined with the region's recent experience with extreme drought prompted the PCCA Commissioners to direct Port staff in April 18, 2017 to pursue efforts to secure a drought-proof source of water supply for current and future Port of Corpus Christi customers.

In response to the Port Commissioners' objective, the Port's staff and its consultants have diligently worked to secure the necessary permits for two different project sites, both located on Port owned property. These sites are referred to as La Quinta and Harbor Island and are described as follows:

La Quinta:

Port of Corpus Christi proposes to construct a desalination plant at the La Quinta site near Corpus Christi, Texas. The site is located near the La Quinta ship channel in San Patricio County. This facility is expected to produce up to 30 MGD of product water with an anticipated discharge flow of 51 MGD based on 40% recovery of permeate water during reverse osmosis (RO) processing. The desalination facility will utilize RO to produce water. The plant intake will consist of seawater pumped from an adjacent bay. The proposed diffuser from this facility will discharge into the La Quinta Channel.

Harbor Island:

Port of Corpus Christi proposes to construct a desalination plant at the Harbor Island site near Corpus Christi, Texas. The site is located along the Corpus Christi Ship Channel near Port Aransas. This facility is expected to produce up to 50 MGD of product water with an anticipated discharge flow of 96 MGD based on 40% recovery of permeate water during reverse osmosis (RO) processing. The desalination facility will utilize RO to produce water. The plant intake will consist of seawater pumped from the Gulf of Mexico. The proposed diffuser from this facility will discharge into the Corpus Christi Channel.

The Port of Corpus Christi recognizes that the consideration and evaluation of these projects for the 2021 Region N Plan, as well as for the 2022 State Water Plan, require both time and resources on the part of both planning group members and the group's consultants. The Port of Corpus Christi is committed to paying any additional and necessary costs associated with the evaluation of both the La Quinta and Harbor Island sites for the upcoming regional water plan as a result of this request.

If you have any questions or need additional technical information regarding this request, please contact Sarah Garza, Director of Environmental Planning & Compliance at 361-885-6163 or via email at sarah@pocca.com.

Thank you for your commitment to the Coastal Bend and to the State of Texas. The Port of Corpus Christi stands ready to assist our region in providing a secure source of water supply for decades to come.

Sincerely,
PORT OF CORPUS CHRISIT AUTHORITY

A handwritten signature in black ink that reads "Sean Strawbridge". The signature is written in a cursive, somewhat stylized font.

Sean Strawbridge
Chief Executive Officer

cc: Sarah Garza
Bech Bruun, The Bruun Law Firm