MINUTES

Workshop Meeting
Laguna Madre Water District
Board of Directors
Tuesday, April 08, 2026
4:30 PM – 5:30 PM
Board Room
105 Port Rd. Port Isabel, TX 78578

1. The Vice-Chairman calls the meeting to order, determines the presence of a quorum, and notices that the meeting has been duly posted as required by law.

Vice-Chairman A. Lalonde initiated the meeting by confirming the presence of a quorum. With all members in attendance the official status of the meeting was established.

PRESENT
Scott Friedman, Chairman **entered at 4:37pm**
Adam Lalonde, Vice-Chairman
Jason Starkey, Secretary
William "Bill" Donahue, Director
David "Dave" Boughter, Director

LMWD STAFF
Noe Cantu, Jr., Interim General Manager
Brian Hansen, Attorney
Charles Ortiz, District Engineer
Eduardo Salazar, Director of Finance
Enrique Samaniego, Purchasing Agent
Mary Gamboa, Human Resources
Joel Lopez, Superintendent
Brandon Edge, Information Tech Specialist
Ana Lopez, Executive Secretary

2. Pledge of Allegiance and Invocation

The meeting commenced with the Pledge of Allegiance. Interim General Manager N. Cantu led the invocation.

3. Discuss scope of full-scale Seawater Plant design

The Board discussed several options for Seawater Plant.

Option 1

This is the current assumption for Pilot Plant Protocol approved by Texas Commission on Environmental Quality (TCEQ) & Operations for Pilot Study Report. Existing Water Treatment Plant No. 1 (WTP1) Microfiltration (MF) provides River Water to Ground Storage Tank (GST) and Seawater Desalination Plant (i.e. proposed Pre-treatment, MF System and Reverse Osmosis System) provide Port Isabel Channel Turning Basin Water to Ground Storage Tank. This option Con has the highest TDS concentrate that is disposed back into the channel.

Option 2

Existing Water Treatment Plant No, 1 (WTP1) provides River Microfiltration to mix with Seawater Reverse Osmosis (SWRO) Microfiltration Filtrate then blended into SWRO. This option Cons requires modification to existing WTP1; percentage loss of river water based on SWRO loss to concentrate; have to run a pilot feed from WTP1 to Pilot; and cannot use Alum as a coagulant for WTP1 when the water will be comingled with the SWRO plant water.

Option 3

Seawater mixed with River Water goes into WTP1 Microfiltration and SWRO Microfiltration then into SWRO. The Cons for this option requires Seawater to feed into the WTP1 Equalization Tank; required to be piloted with the full-scale plant after the construction of the SWRO; limited mixing capacity with the equalization tank; switching and cleaning between river water and river water/sea water combination; requires the most interface between controls and infrastructure at WTP; cannot use Alum as a coagulant for WTP1 when the water will be comingled with SWRO plant water; a pump station to bring water from SWRO to WTP1 will be added and sized large enough to accommodate the quantity of MGD SWRO plant water required; and the structure will need to be larger to accommodate the pumps to SWRO and WTP1 Microfiltration.

After several questions and clarification of the different options. J. Starkey stated without knowing the exact costs, water loss, water quality, and energy benefits.

4. Adjournment

No additional business remained; the meeting was adjourned at **5:30 PM**.

SCOTT FRIEDMAN, CHAIRMAN

WILLIAM DONAHUE, DIRECTOR

MINUTES APPROVED THIS 22nd DAY OF APRIL 2026.