

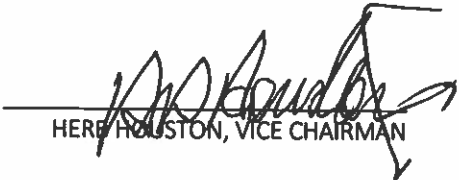
**MINUTES**  
 Workshop Meeting  
 Laguna Madre Water District  
 Board of Directors  
 Wednesday, April 1, 2019  
 5:30 PM – 7:16 PM  
 Board Room

1	<p><b><u>QUORUM</u></b></p> <p><b>PRESENT:</b>          Chairman, Scott Friedman          Vice Chairman, Herb Houston          Director, Jason Starkey arrived @ 5:45 PM          Director, Adam Lalonde arrived @ 5:35 PM</p> <p><b>ADMINISTRATIVE STAFF:</b>          General Manager, Carlos J. Galvan, Jr.          Director of Operations, Robert Gomez          District Engineer, Charles Ortiz          Purchasing Agent, Enrique Samaniego          Director of Finance, Eddie Salazar</p> <p><b>ABSENT:</b>          Secretary, Alex Avalos</p>	
2	<p><b><u>INVOCATION AND PLEDGE OF ALLEGIANCE</u></b></p> <p>The meeting began with the Pledge of Allegiance and an Opening Prayer</p>	
3	<p><b><u>CONSIDER AND DISCUSS WATER PLANT NO. 1 IMPROVEMENTS</u></b> 💧</p> <p><b>DISCUSSION:</b></p> <ul style="list-style-type: none"> <li>• Proposed Water Plant 1 Improvements for 2019 Bond Election</li> <li>• Water Plant 1 in Port Isabel             <ul style="list-style-type: none"> <li>○ Aged facility</li> <li>○ Cannot produce water quality to standard (like Water Plant 2)</li> <li>○ The goal is to upgrade the facility from 2.9 million gallons per day (mgd) to 5.0 mgd by replacing the existing filters with hollow fiber microfiltration membranes</li> </ul> </li> <li>• Improvements needed as well:             <ul style="list-style-type: none"> <li>○ Full reconstruction for Clarification Basin #1</li> <li>○ Major Rehabilitation for Ground Storage Tank B</li> <li>○ Revise disinfection plan to prevent the formation of THMs</li> </ul> </li> <li>• Why is it needed? Stressing Water Plant 2, at a 100 % demand for practical purposes in the summers, upgrading Water Plant 1 will back up if ever one system needs to be taken offline</li> </ul>	<p><b>DISCUSSION ITEM ONLY</b></p>

	<ul style="list-style-type: none"> <li>• Delivery and product for Water Plant 1 is not up to standards like Water Plant 2</li> <li>• Unable to shut down and work on Water Plant 2, repairs needed on the main line for the treated water has a small leak</li> <li>• Water Plant No. 1 Estimate Cost - \$8.3 million</li> <li>• Discussion on Water Plant No 1's treated water not being up to TCEQ standards, Water Plant Manager, Noe Cantu was present for questions and answers</li> <li>• Discussion on General Obligation Bond vs. Revenue Bond</li> </ul>	
4	<p><b><u>CONSIDER AND DISCUSS LONG ISLAND VILLAGE WATER DISTRIBUTION AND WASTEWATER COLLECTION IMPROVEMENTS</u></b> 💧</p> <p><b>DISCUSSION:</b></p> <ul style="list-style-type: none"> <li>• Possible 2019 Bond Election Proposition</li> <li>• Presentation by Long Island Village Association Members and SWG Engineering, LLC, followed by questions and answers</li> <li>• PowerPoint presentation by SWG Engineering, LLC</li> <li>• Long Island Village originally built as an RV Park and now provides vacation and permanent residences</li> <li>• 1,024 individual landowners</li> <li>• Current water distribution system consists of 8", 6", 4" and 2" water lines with no individual water meters</li> <li>• Water loss, unable to identify leaks</li> <li>• No fire protection and installation of fire hydrants</li> <li>• Engineer's total cost for proposed water distribution system improvements is \$5,485,316.00</li> <li>• Existing wastewater lines designed for mobile home type lots</li> <li>• Engineer's total cost estimate for proposed wastewater collection system improvements is \$9,378,271.00</li> <li>• It's a 16.6-million-dollar project</li> <li>• Board request for Staff to get with the District's Financial Advisors</li> </ul>	DISCUSSION ITEM ONLY
5	<p><b><u>CONSIDER AND DISCUSS ADDITIONAL PROJECTS</u></b> <b><u>TEXAS WATER CONFERENCE</u></b></p> <p><b>DISCUSSION:</b></p> <ul style="list-style-type: none"> <li>• Proposed additional Capital Project Improvements for 2019 Bond Election <ul style="list-style-type: none"> <li>○ Elevated Tank #1- Rehabilitation of the existing tank</li> </ul> </li> </ul>	DISCUSSION ITEM ONLY

	<ul style="list-style-type: none"> <li>○ Presentation by Charles Kucherka with Freese &amp; Nichols, Inc. followed by questions and answers</li> <li>○ Laguna Vista Water Tank replacement with a larger tank</li> <li>○ Water Collection Improvements – a total of 7 lift station for rehabilitation requirements.</li> <li>○ About \$15 million for all the projects</li> <li>○ Engineer’s Report needs to be authorized at the next Regular Meeting to get it on the Ballot</li> <li>• Board Discussion on Election Voting Options: <ul style="list-style-type: none"> <li>○ Proposition for each option</li> <li>○ Place everything in one proposition</li> </ul> </li> </ul>	
6	<p><b>ADJOURNMENT</b></p> <p>The CHAIRMAN adjourned the meeting at 7:16 PM</p>	

  
 JASON STARKEY, DIRECTOR

  
 HERB HOUSTON, VICE CHAIRMAN

MINUTES APPROVED THIS 24<sup>TH</sup> DAY OF APRIL 2019.