

PUBLIC NOTICE OF REGULAR MEETING

**TAKE NOTICE THAT A REGULAR MEETING OF THE
Board of Directors of Travis County Water Control and Improvement District Point Venture
was held at the WCID Office located at:
18606 Venture Drive, Point Venture, TX 78645
In Travis County, Texas, commencing on July 26, 2018 @ 6:30 p.m.
To consider and act upon any or all of the following:**

MINUTES

1. **Call to Order.** President Fred Marshall called the meeting to order at 6:30 p.m.
2. **Roll call of Directors.** Jean Cecala called roll. Present were President Fred Marshall, Vice-President Carolyn Cook, Secretary-Treasurer Brian Probst, Assistant Secretary-Treasurer Barry Pasarew, Assistant Secretary-Treasurer Cindy Clemons, Chief Operations Manager Cristin Cecala, and Technical Manager Richard Welcher.
3. **Wastewater Master Plan.**
In March 2017, the District entered into an agreement with River City Engineering (now Trihydro Corporation) for Professional Engineering Services related to updating the Wastewater Master Plan for the District. The original Master Plan was completed in 2007. The 2017 Wastewater Master Plan update includes a review of historical flow data and review of the existing wastewater treatment plant and effluent disposal facilities to determine the improvements required for the projected flow at full build-out. In March 2018 the Board reviewed the preliminary report with engineers. June 14, 2018 Claire Schmit, Trihydro representative engineer, presented the final 2017 Wastewater Master Plan Update report summarizing our wastewater system projections for future disposal and treatment. The report confirmed that the District will need to expand its effluent disposal capability in order to meet anticipated flows during full build out. It also went on to show that the District will need to increase Wastewater Treatment capacity as well.

The Board was sensitive of the need to call for another bond election so close on the heels of the last Bond election in May of 2015. However, due to the aging infrastructure, community's growth and more stringent regulations from TCEQ, their options are limited.

Trihydro needs the Board to decide which path they would like to take with increasing wastewater treatment capacity; expand the existing plant or build a new plant. After some discussion, the Board decided that building a new plant to work in conjunction with the current plant would be in the best interest of the District. This would allow greater flexibility when it comes to taking a plant offline in order to perform maintenance. Then the Board discussed the size of plant needed. Trihydro presented pricing for a 100,000 Gallons per Day (GPD) plant and a 150,000 GPD plant. The price to be able to treat 50% more wastewater was estimated to come in at only a 10% increase in price. Trihydro also stated that if our demographics change and we have more full time residents then the 100,000 GPD plant might be cutting it too close.

Adding the 150,000 GPD wastewater treatment plant is projected to cost just over \$5.5 million dollars. Increasing effluent disposal with a drip irrigation system is projected to cost just under \$1.4 million dollars. Additional contingency, engineering, legal, and bond fees of approximately \$3.7 million dollars would bring the estimated preliminary total projected cost to approximately \$10.7 million dollars.

In order to expand effluent disposal, the District will need to expand and add both surface and drip irrigation to certain areas around the Golf Course. For a drip irrigation system to work (and not clog the lines) the District must add additional filters to the Wastewater Treatment plant to

increase treatment of the effluent to Type 1 quality. Trihydro engineers also recommended looking at other public/common areas within the Village that could potentially be used to dispose of effluent. Trihydro was looking for the Board's approval to move forward with the engineering required to increase Disposal Irrigation based on the areas that had been identified. Board members asked the engineers to give a better break down on the added irrigation system and include different options. Trihydro representative, Pat Lackey, suggested that engineers look into adding irrigation to private properties around the golf course as an option.

The Board authorized Trihydro engineers to continue designing a 150,000 GPD wastewater treatment plant and work on more options for increasing effluent disposal capability with a motion by Vice-President Carolyn Cook. Assistant Secretary-Treasurer Cindy Clemons seconded the motion. All approved. Motion carried.

4. Temporary Wastewater System Controls.


Following up the June 14, 2018 meeting, more discussion ensued regarding the need to implement temporary wastewater system controls. Engineers recapped the situation and stated that due to the introduction of low flow technology, the consistency of the product being sent to the Wastewater Treatment Plant is more concentrated than the Plant was originally designed to handle. The denser consistency causes the plant to work harder and therefore reduces the effectiveness of the treatment process. This means that our plant, at times, is underrated during peak flows and that the effluent, at times, could exceed the biochemical oxygen demand (BOD) and total suspended solids (TSS) permitted TCEQ discharge limits. While our existing plant runs effectively, the majority of the time, looking to the future with increased growth, the District needs to begin planning and implementing solutions to improve the current treatment process and increase treatment capacity.

After recent additional operational measures were put in place with the assistance of Trihydro engineers, WCID technical manager, Richard Welcher and employees, a less costly temporary plan was created. It will not only cost less but has a shorter timeline, add a temporary Equalization (EQ) tank, and allow corrective measures to the current wastewater plant. During this phase the aeration basin can be drained and cleaned, the headers on the diffusers can be inspected and evaluated, and a third blower can be added. These measures along with building an additional 150,000 gallon per day (GPD) wastewater plant would allow additional margins to deal with issues such as maintaining the plant while continuing operation.

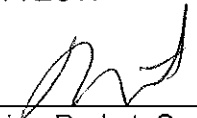
5. Adjourn the meeting.

Secretary-Treasurer Brian Probst made the motion to adjourn the meeting. It was seconded by Vice-President Cook. All approved. Meeting adjourned at 8:30 p.m.

This facility is wheelchair accessible and accessible parking spaces are available. The Board of Directors reserves the right to adjourn into closed executive session at any time during the course of this meeting to discuss any of the matters listed above, as authorized by Texas Government Code Sections 551.071 (Consultation with Attorney), 551.074 (Personnel Matters), 551.072 (Deliberations about Real Property). *Travis County WCID Meetings will follow Open Meeting Rules. Be advised that a quorum of the Village of Point Venture Council may be present at these meetings.


Fred Marshall, President, Board of Directors

ATTEST:


Brian Probst, Secretary-Treasurer, Board of Directors