

## 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 June 14, 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 Board 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. **Review Wastewater Master Plan report submitted by Trihydro Engineering.**  
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.

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. Expanding the disposal system was identified previously and is referred to in Phase 3 of our current Wastewater Treatment Permit issued by TCEQ. However, what the updated report went on to show was that, due 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.

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 (estimated cost ~ \$850,000). In order 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 (estimated cost ~ \$800,000). Trihydro engineers also recommended looking at other public/common areas within the Village that could potentially be used to dispose of effluent (estimated cost ~ \$1 million). Total estimated dollars to consider related to Expanding Effluent Disposal ~ \$2.65 million.

There are a few different options to consider when it comes to improving the current treatment process and increasing treatment capacity at the Wastewater Treatment Plant.

In order to improve the treatment process at the existing plant, Trihydro recommends adding additional components (EQ Tank and an additional Aeration Basin) (estimated cost ~ \$1.7 million). However, taking into consideration timing of needed improvements and finding funding, Engineers suggested implementing a temporary basin to improve WCID's wastewater treatment capability to reduce BOD and TSS in the interim until permanent wastewater treatment plant upgrades are made. The Board is interested in learning more about what temporary solutions Trihydro can help put into place and how much that solution may cost. Temporary Wastewater System Improvements will be discussed further during the June 23, 2018 Regular Board Meeting.

The next question for the Board to decide is regarding the additional Wastewater Treatment capacity needs, in order to handle the additional flows at full build out, factoring in higher TSS and BOD loading. Would it be best to install a new 150k GPD WWTP and run it in conjunction with the existing plant (estimated cost ~ \$5-6.6 million? Having two plants would allow greater flexibility when it comes to taking a plant offline in order to perform maintenance. Or should the Board consider building a new 250k GPD WWTP to replace the existing plant (cost estimate ~ \$6.8-9.1 million)?

The District needs to begin selecting which direction they would like to go with the WWTP Master Plan so that more in depth engineering can commence and plans can begin to be drawn up to submit to TCEQ for WWTP expansion approval.

The District will need to begin looking into funding options for these infrastructure improvements. A Bond election could be presented to voters as early as May 2019. In addition to the estimated costs mentioned above, an additional eight to ten percent for bond fees, legal fees, and other fees will also be incurred. If the voters do not approve the Bond election, then the District will have to look at floating revenue bonds, or increasing service rates, or possibly both. These infrastructure improvements must take place due to the increased flows and TCEQ mandates.

#### **4. Adjourn the meeting.**

Secretary-Treasurer Brian Probst made the motion to adjourn the meeting. Vice-President Carolyn Cook seconded the motion. All approved. Meeting adjourned at 8:33 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.

  
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Fred Marshall, President, Board of Directors

ATTEST:

  
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Brian Probst, Secretary-Treasurer, Board of Directors