

**GREEN VALLEY DOMESTIC WATER IMPROVEMENT DISTRICT
TECHNICAL ADVISORY COMMITTEE
MEETING MINUTES
Monday, May 24, 2021**

Committee Present:	Robert (Bob) Hedden Eric Sullwold Steve Lathrop George (Dr.) Orndorff	Joseph (Hart) Krumrine Patricia (Pat) Carlstad Lee Lemas Edwin (Ed) Storey
Committee Absent:	Daniel (Dan) Van Norman	Kenneth (Ken) Goff
District Staff Present:	Dara Duffy	Lora Burruel
Board Directors Present:	Darlene (Dar) Hollingsworth	John Green
Advisors Present:	None	
Public Present:	None	
Clerk of the Board:	Luis Rodriguez	

1. Meeting was called to order at 8:00AM by Committee Chair, Robert (Bob) Hedden.
2. GVWD Chlorination and Disinfection Procedures:
 - A. DM discussed the required testing to insure GVWD's water infrastructure met ADEQ's water quality requirements.
 - B. Discussed both the operational water quality requirements (chlorination) and monthly administrative and testing requirements.
 - C. Discussed water quality procedures and policies associated with the installation of pipe within the existing pipeline infrastructure. This related to both replacement pipe sections and additions to the existing pipeline infrastructure.
 - D. All the procedures, policies, and protocols associated with GVWD's water quality are well documented and maintained.
 - E. In the 20 yrs. GVWD has been in business, they have not had any operational water quality non-compliance issues. There have been some administrative issues that have been corrected with both the training of the personnel and up-dated written procedures.
3. Meritage Canoa Ranch Expansion:
 - A. Engineering firm WLB Group has indicated both Meritage and Fairfield Homes are discussing how to proceed with both the sewer and water requirement in completing the "build-out" of residential units in Canoa Ranch. Expectation is it will still be a couple of months before they are ready to sit down with GVWD.
4. Install "slip-lining" within sections of the pipeline infrastructure in the San Ignacio Heights HOA:
 - A. April Tech Committee minutes are still germane today.
5. Review and discuss the Engineering Hydrology Study proposals from the three (3) contacted Engineering firms:
 - A. Engineering firms that bid on the study were: Stantec Engineering, Riley Engineering, & Westland Resources. WLB Group declined to bid because of "confliction" since they were representing Meritage in the Canoa Ranch expansion.
 - B. Initial bids were for the attached "Scope of Work" except for items #7 & 8. Bids ranged in price from \$32,000 - \$110,000.
 - C. Engineering firms were asked to re-bid the "Scope of Work" for items #1-4 & 9. This re-bid was based on the MOU (Memorandum of Understanding) received from Freeport indicating they were unsure as to if and when the storage tanks and supplying pipelines may need to be re-located.
 - D. Re-bid amounts were as follows:
 - a. Stantec: \$26,500

- b. Riley: \$44,600
 - c. Westland: \$64,190
 - E. Discussion revolved around the differences between Stantec and Riley. Westland was eliminated because of cost.
 - a. Stantec discussion points:
 - Expected to be the low cost bidder since they developed the initial review and development of the water infrastructure information in 2006.
 - Reduced presence of Engineering disciplines in Tucson office. All work has to be approved in either Phoenix or Colorado
 - Concern about “honest” evaluation of up-grading current water infrastructure vs establishing a 2nd well site for expansion in Canoa Ranch. Stantec has been backing the need for a 2nd well site.
 - Potential to have extra oversight in their up-dating the current water infrastructure since they have been reluctant to incorporate current system capabilities into the existing water infrastructure information.
 - b. Riley
 - Firm located in Tucson
 - Water systems and hydrology information development are their specialties.
 - Would provide a “fresh & new” evaluation of the existing water system infrastructure and system expansion possibilities.
- Committee is recommending GVWD issue a contract to Riley Engineering even though they were not the low bidder. GVWD will contact recent organizations using Riley Engineering to confirm GVWD’s appraisal of Riley’s capabilities and performance.
- 6. Call to the Public. No comments.
 - 7. Next meeting is scheduled for Monday, June 21, 2021 at 8:00AM.
 - 8. The meeting was adjourned at 9:43AM.

Green Valley Domestic Water Improvement District