

**GREEN VALLEY DOMESTIC WATER IMPROVEMENT DISTRICT
TECHNICAL ADVISORY COMMITTEE
MEETING MINUTES
Monday, September 20, 2021**

Committee Present:	Robert (Bob) Hedden Eric Sullwold Lee Lemas	Patricia (Pat) Carlstad George (Dr.) Orndorff
Committee Absent:	Edwin Storey Joseph (Hart) Krumrine	Daniel (Dan) Van Norman
District Staff Present:	Dara Duffy	
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, Bob Hedden.
2. Freeport MOU for the Storage Tanks Relocation: Freeport has not developed a MOU for the possible relocation of the storage tanks. This project will be removed from the Tech Committee's activities until the subject document is received by GVWD.
3. San Ignacio Heights Slip Lining Project: Project is on hold because it is not cost effective to initiate at this time. Estimated cost of project is \$3.4mm.
 - A. Current number of water line breaks does not justify replacing significant pipeline length that is the principal driver for using "Slip Lining" vs physical pipeline replacement.
 - B. Pipeline breaks in the area involved will be monitored to determine when it may be feasible to institute a Slip Lining Project.
4. Canoa Ranch Residential Expansion (Meritage): Meritage has decided not to complete the construction in their un-developed area.
 - A. GVWD has been notified Fairfield Homes has decided to complete the construction in the impacted area.
 - B. GVWD will be meeting with Fairfield Homes to determine what Fairfield intends to do and within a given timetable.
 - C. GVWD will be conveying to Fairfield the District's construction requirements and relevant Line Extension Agreement.
5. SCADA Propagation Study: GVWD had the subject study done to determine what was needed to maximize both the capability and reliability of the SCADA system.
 - A. Study indicated GVWD needed to install two (2) towers for the transfer of information via radio waves from the various sites on the SCADA system to a centralized location.
 - B. Study recommended a 100' tower to be located at the Cotonia Well Site and a 50' tower at the Office Bldg.
 - C. GVWD is now developing the costs for each tower. The tower at the Cotonia Well Site is included in the 2021-2022 Capital budget.
6. FlexNet Propagation Study: This study was done to determine what would be needed to read the water meters once the meters with MXU capability had been installed.
 - A. The study determined the towers used for the SCADA system could be used provided there was a 10' distance between SCADA and FlexNet discs. This project is also included in the 2021-2022 Capital Budget.

7. Meter Change Out Project: GVWD received 384 new meters without MXU's. Chips associated with the MXU's are not available thus rendering the meters unusable until the MXU's are received.
 - A. An additional 320 meters with MXU's are also in the 2021-2022 Capital Budget. At this point it's undetermined when these meters will arrive.
 - D. This is a multi-year (2-3 yrs.) project since existing SR2 meters need to be equipped with MXU's to make the entire meter reading activity "radio" possible.
8. Riley Engineering Up-date: This is the engineering firm GVWD is now using to provide engineering support.
 - A. The initial project GVWD has requested from Riley is a review and up-date of information regarding GVWD's current infrastructure.
 - B. Riley's September report has indicated they found both inaccurate and missing information associated with the current infrastructure.
 - C. Expectation is that Riley's October report will have a complete review and up-date of GVWD's system. It's also expected they will identify possible projects to improve the System's reliability and effectiveness.
9. 5 yr. Capital Budget: An updated Capital Budget will be developed for the October Technical Committee Meeting.
10. Call to the Public. No comments.
11. Next meeting is scheduled for Monday, October 25th, 2021, at 8:00AM.
12. The meeting was adjourned at 8:44AM.

Green Valley Domestic Water Improvement District