

**Draft v1**

**Green Valley Domestic Water Improvement District  
TECHNICAL ADVISORY COMMITTEE  
MEETING MINUTES  
Friday, April 17, 2026  
held at the Green Valley Water District conference room**

Committee Present:	Edwin (Ed) Storey – Chair	Joseph (Hart) Krumrine
Committee Absent:	James (Jim) Luhning Randall (Randy) Howard	Richard Ricksecker
District Staff Present:	Matthew (Matt) Rivera, District Manager Michael (Mike) Brady, Field Operations Supervisor	
Public Present:	None	
Clerk of the Board:	Absent	

1. Call to order – Chair, Ed Storey. The meeting was called to order at 8:50 AM.
2. Approved committee meeting minutes of April 17, 2026.
3. Introduction to vibration monitors – Matt Rivera.  
Matt indicated that the monitors will “learn” the typical vibration signature of each motor and provide an alert if the vibration level goes out of the norm. The monitors lease for about \$23k/yr, not including the SCADA connection. A lease is a good start and would help us decide if we want to continue. We can then buy out the lease. We asked for a demonstration at the next technical committee meeting.
4. Review of Canoa Ranch Well Failure - Mike Brady. On March 17, 2026, the well had its first failure after 20 years. The casing was cleaned and examined. No one knows the casing life, but it is estimated at 10 years. The vibration monitor would have detected the motor failure, but likely not a casing failure. We do not yet have the final Layne Christensen Company (Layne) report of the failure, but we think the drive shaft broke, resulting in motor damage. A new well will cost well over \$1m, and the board might want to consider a reserve fund for eventual replacement.
5. Update on the status of the Southern Expansion – Matt Rivera.
  - A. There has been no word on anything related to the expansion. Our early clue will be a request to stake our water line for the sewer installation.
  - B. We are currently paying neither Riley Engineering (Riley) nor the WLB Group (WLB) for any ongoing work. As we proceed, our plan is to use WLB because they are working with the developers.
  - C. It seems Tucson Medical Center (TMC) has purchased the hospital building in addition to the medical office building they already own. There might be a need to change meters, but we do not expect a big impact on the district.
  - D. Discussed having a set of infrastructure guidelines to guide future expansion. For example, redundant components, like tanks. The benefit of the SI well expansion is a redundant source of water if Catonia fails. We felt the expansion should not rely only on Catonia and SI wells, but would still require a new well.
  - E. In the last Riley expansion model, there was an indication of where pipe size was a limiter. That was noted, but nothing has been done, and we are not aware of a problem. At our May meeting, we will discuss this further and decide what, if anything, needs to be done.
  - F. Mike will compare the cost of changing the five (5) hydrants in-house vs contracting out the work. Since there is no urgency, it might make sense for it to be fill-in work.
6. Details of San Ignacio (SI) Well Capacity - Matt Rivera. Mike Brady has SI golf course usage data for 2022 and 2025. He will work with WLB to estimate the total capacity of the well so we can determine how much water will be available. We can then conduct a cost/benefit comparison of the reduced need to treat for arsenic.
7. Call to the Public. No comments.
8. The next Technical Advisory Committee meeting is scheduled for Friday, May 15, 2026, at 9:00 AM, at the Green Valley Water District conference room.
9. Adjournment. The meeting adjourned at 10:06 AM.

**Minutes to be approved at the May 15, 2026, Technical Advisory Committee meeting.**