

RAPID VALLEY SANITARY DISTRICT  
BOARD OF TRUSTEES MEETING  
AUGUST 14, 2023

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Chairman Andy Fitzgerald called the meeting to order at 7:00 p.m. Present at roll call were Bob Phillips, Jennifer Battles, Diana Nelson, Eric Krebs, Shirley Haines, Carrie Wheeler, and Connie Olson. Rick Hensley was absent. Also, in attendance were Manager Rusty Schmidt, Engineer Dustin Dale, and District Clerk Sara Bender.

**APPROVAL OF AGENDA:** A motion was made by Connie Olson to approve the agenda. The motion was seconded by Diana Nelson. Motion carried.

**APPROVAL OF MINUTES:** A motion was made by Shirley Haines to approve the minutes from the July meeting. The motion was seconded by Bob Phillips. Motion carried.

**APPROVAL OF FINANCE REPORT:** The financial reports were distributed to the Trustees for their review prior to the meeting. A motion was made by Diana Nelson to approve the Finance Report. Shirley Haines seconded the motion. Motion carried.

**ITEMS FROM THE PUBLIC:**

**PRESIDENT'S REPORT:**

**1. Tank and Water Main Easement:** The 2-million-gallon tank requires an additional 41 x 232 feet of permanent easement and another 75 x 232 feet of temporary easement. There will also be an additional 20 feet of easement for the water main. Mr. Engesser is requesting \$25,000 for the easements on his property and Mr. Werlinger is requesting 2 additional metering pits, yard hydrants and larger service line for his existing homes for the easements on his property. Talbot will draft the legal for the owners to sign. A motion was made by Connie Olson to approve the requests from both property owners in exchange for the easements. Carrie Wheeler seconded the motion. Motion carried.

**2. Drinking Water Surcharge Revenue Bond 2023 First Draw Amount:** The first invoice for engineering services has been received in the amount of \$69,659.50. The request for funds was submitted by Black Hills Council to SDDANR and the first draw payment was received on August 11<sup>th</sup>. It was the consensus of the group to pay the first invoice from AE2S for engineering services.

**MANAGERS REPORT**

**3. Monthly Water Loss and Leak Detection:** Water production averaged about 1.3 million gallons per day in July with loss down to 8% for July. There was a substantial leak repaired at Roth Trucking that was found using the SD Rural Water leak detection trailer. There was another leak that the team is still trying to pinpoint that is somewhere between Valley Dr and the KOA campground. The service team is also leak detecting in the Melody Ln, Cactus Dr, and Scott St areas where there is an indication that a leak is present.

**PROJECTS AND FUTURE DEVELOPMENT**

**4. Ennen Dr Housing Project:** The location of this proposed project is at the intersection of Ennen Dr and Bridge Dr and we are expecting plans soon. This development will contain approximately 129 lots that will be comprised of about half single-family homes and half tiny homes that will be approximately 600-800 square feet. The District does have adequate capacity to accommodate this project.

**5. Murphy Ranch Phase 10B and 10C:** The water and sewer for Phase 10B is complete. Phase 10C will be starting soon and will contain 39 lots and will connect to Springfield Rd and will loop by the fire department. There are 3 lots that are adjacent to the project that will have sewer stubbed to the lot. The homeowners of the 3 lots have been notified and we are waiting for confirmation from each of them on what would be the best location on their lots to bring the service to. This will eliminate the septic systems for those 3 lots.

**6. Moonlight Apartments Phase 2:** Plans have been received and redlined for phase 2 of Moonlight Apartments. The second phase of this project will contain 6 buildings with 15 units each and will be situated north of the existing buildings within the complex.

**7. Patricia Extension Project at District Boundary Line:** On July 12 I was contacted by Stacey Titus, and he stated in an email that later that week they will have an internal discussion on the subject, and he would reach out once he knew more. To date, we have not received any contact from City officials. The engineer of the project has moved forward in submitting plans with RVSD providing services on the south side of Patricia..

## OTHER TOPICS

**8. Update on 2023 SD DANR Funded Projects and Environmental ARPA Funded Projects:** A new alignment was needed for the water main to the Box Elder tank as the original alignment was problematic with poor soil and very steep grades in the projected area which was adverse to the work being done. Because the easement is in a different location for the water main it will need to be submitted to DANR for review.

**9. Pennington County Procurement Policy and Grant Agreement:** The county agreements have been signed and submitted and approved. We are just waiting for the signed final copy from the County Commissioner.

**10. Leak Detection Trailer:** We recently tested the leak detection trailer from SD Rural Water. This leak detection tool was useful in identifying leaks and provides an accurate gallons per minute loss for the area being checked, while also allowing services to remain on for the users during the testing. The estimated cost of building a trailer similar to the SDARWS trailer is \$20,000. This would provide another tool in the chest for leak detection. The consensus of the group was to purchase the needed materials to build a leak detection trailer.

**11. Sewer Service Patch and Line equipment:** A-1 Sewer has a trenchless option to repair infiltration to the sewer main via the use of a robot and compressor that will insert a liner in the service tee and seal up a leak. This application has huge cost savings when these situations are found because it saves the costs of excavating, repairing roads, traffic control and safety of

employees and contractors during excavation. A-1 has the robot and the compressor but is hoping through a joint venture we could provide the purchase of the bladder and packer and then together we can utilize that application for any infiltration situations that come up. There is such a situation currently down on Pioneer Dr. If we are able to utilize this application for this repair the cost savings would be substantial. The estimated cost of the bladder, packer and 2 test kits are \$9,000. A motion was made by Carrie Wheeler to purchase the bladder and packer and 2 test kits. Shirley Haines seconded the motion. Motion carried.

**12. West Dakota Regional Water Meetings:** A regional meeting was held on July 26<sup>th</sup>. Discussions were held regarding a water main to New Underwood and across Twilight Dr to Valley Heights. One of the hurdles is adequate source water. Another meeting is planned for next week.

**Miscellaneous Items:**

- On August 30<sup>th</sup> we will be having engineers and management from the Mansfield Texas water system tour our treatment plant. They are looking at ceramics for future applications.
- On August 17 and 18 H2O innovations will be touring the treatment plant
- Facilities Committee meeting is scheduled for September 19<sup>th</sup> at 6pm

There being no further business, the meeting was adjourned at 8:25 pm.

Respectfully Submitted,  
Sara Bender  
Office Manager