

RAPID VALLEY SANITARY DISTRICT  
BOARD OF TRUSTEES MEETING  
APRIL 10, 2023

\*\*\*\*\*

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

**APPROVAL OF AGENDA:** A motion was made by Bob Phillips to approve the agenda. The motion was seconded by Shirley Haines. Motion carried.

**APPROVAL OF MINUTES:** A motion was made by Connie Olson to approve the minutes from the March meeting. The motion was seconded by Diana Nelson. 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. Connie Olson seconded the motion. Motion carried.

**ITEMS FROM THE PUBLIC:** None

**PRESIDENT'S REPORT:**

**1. Second Reading of Changes to Water Use Ordinance 14-1:** On March 13, 2023, the Board approved the first reading of the proposed changes to Water Use Ordinance 14-1, the changes are as follows:

**WATER USE ORDINANCE 14-1**

ARTICLE V

SERVICE CONNECTION REQUIREMENTS

C. All **developers**, contractors or individuals who desire to install water and sewer service lines in the right-of-way, including easements, roads, alleys, or private property upon which the District's utility mains are located, must apply for the proper permits. Permission must be obtained from the District prior to any excavation for installation of new service lines. The required **connection** fees must also be paid prior to excavation (see Attachment A). All permits must be obtained in writing prior to excavation and each application must be accompanied by the required fees. The District's service personnel or contractor approved by the District, upon appointment and after the main has been exposed, will tap the water main and inspect all services installed and complete drawings of same. Connections to water mains must be installed by a licensed (by an appropriate licensing agency) and insured utility contractor.

ARTICLE XV

EXTENSIONS OF WATER AND SEWER MAINS

A. All **Developers**, Contractors or individuals desiring to extend water and/or sewer mains/services, in development of an area, shall obtain prior approval of the District. The Contractor, Developer or Individual will be responsible for all costs incurred in extending any water or sewer mains/services. All water and sewer mains/services will be properly sized according to RVSD master plan and designed to RVSD construction standards and criteria. The Contractor, Developer, or Individual shall be responsible for providing adequate fire flows for

said development. All connections will be made by a licensed plumber or underground utility contractor. The applicable fees are set forth on Attachment "A."

#### DESIGN AND CONSTRUCTION CRITERIA

##### PART 2 - WASTEWATER PIPING AND APPURTENANCES

- H. Sewer minimum slopes, 8"=.6/100ft, 10"=.42/100ft, 12"=.33/100ft, 14"=.25/100ft, 16"=.21/100ft, 18"=.18/100ft.

A motion was made by Diana Nelson to approve the second reading of the changes to Water Use Ordinance 14-1. Connie Olson seconded the motion. Motion carried.

**2. Estimated 2023 Tax Levy Allocation:** Pennington County submitted a tax levy request for 2023 in the amount of \$321,993. A motion was made by Connie Olson to approve the proposed 2023 tax levy in the amount of \$321,993. Diana Nelson seconded the motion. Motion carried.

#### MANAGERS REPORT

**3. Monthly Water Loss and Leak Detection:** Water loss for March was just over 4 million gallons lost. The service team will finish leak detecting the Williams St and Trailwood Dr area for potential leaks. A substantial leak was repaired this month on Chet St, but over the weekend usage in the pressure zone increased to about 230 gallons per home, indicating another potential leak in that area. Water loss is about half a percent higher than it was at this time last year.

#### PROJECTS AND FUTURE DEVELOPMENT

**4. Murphy Ranch Phase 10B Project:** Phase 10B sewer installation has started, there was an existing manhole that was damaged and has not been replaced yet. Testing is not complete at this time. Plans for phases 10C and 10D will probably be submitted soon.

**5. Cottonwood Water Main Extension:** This project has been completed, and the state has been notified there is now water available to the trailer court. The other two homes, one on Apple Tree, have connected and the other one on Highway 44 will be connected soon. There was a valve and stub installed to the east for future development.

**6. Apple Valley Water and Sewer Expansion Project:** Towey Design Group, the engineer for this project indicated recently that they are projecting a fall start now for this project.

**7. Springfield Extension Project:** A portion of this project was completed in 2022, when SiteWorks encased the water and sewer that crosses the drainage ditch on Springfield Rd. KTM Design is working on plans for multi-story condominiums to the East of Colvin St. This would bring sewer to the homes on Colvin St. Design for these units would be unique because these would be owner occupied units rather than rentals so they would need individual services. They are currently working with the owners on the design.

#### OTHER TOPICS

**8. Update on 2023 County ARPA and SD DANR Funded Projects:** On March 7, DANR representative submitted a letter to State Historical Preservation Office (SHPO) indicating they accept the 2004 findings, which are of no significance. We are still waiting to hear from SHPO, hopefully we will hear from them this week.

**9. AE2S Engineering Construction Administration Services Contract:** Engineer Dustin Dale reviewed the proposed contract with the trustees for approval. The contract includes designs, bidding documents, construction supervision and oversight of the 2-million-gallon storage reservoir, Madison well and 12" water main connection to Box Elder. Approval would be contingent on the closing of the \$1.679 million loan from SD DANR. Estimated engineering costs are \$1,510,142. A motion was made by Carrie Wheeler to approve the AE2S Engineering Construction Administration Services Contract contingent on the loan closing with SD DANR. Connie Olson seconded the motion. Motion carried.

**10. Nanostone Module Replacement and Life Cycle Analysis Test:** The replacement module for the life cycle testing, in addition to the new module that was damaged in shipping have arrived. The old module, installed in 2017 will be sent back to Germany to be studied for wear and tear in an effort to improve future modules.

**11. Annual Rapid Creek Water Users Meeting:** The annual Rapid Creek Water Users meeting was held March 23<sup>rd</sup> and included the City of RC, Rapid Valley Conservancy District, SD GFP, SD DANR Water Rights Division and RVSD. At the time of the meeting, and prior to the additional snow we just received, Pactola was 6'7" from full, and the snow melt of the season is trending similar to 2019, which was a year of abundance for natural flows.

**Miscellaneous Items:**

- Quail Ridge Apartments does not have any updates at this time, we are still waiting on plans.
- SD School of Mines and Technology students and professors recently toured our water treatment facility. Professors indicated that they enjoyed the tour and are planning to conduct a tour annually as part of their curriculum for the process engineering studies.

There being no further business, the meeting was adjourned at 7:45 pm.

Respectfully Submitted,  
Sara Bender  
Office Manager