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Solano Irrigation District
Operator & Maintenance

7/11/2021

WELL # 2 INFORMATIONAL MEMORANDUM

Like the City of Vacaville and Solano County, RNVWD is a Nonprofit public agency and organized as a Community Service District. Here is some information regarding the proposed rate change and the improvements to Well # 2 for the Arsenic removal facility.

We are proposing that Well #2 be made fully operational as originally engineered so that it meets all State Standards for drinking water. In particular, the Arsenic level would be reduced from about 17 parts per billion (ppb) to below the state and federal limit of 10 ppb. With Well #2 functioning again, we will achieve the following:

- Provide a **Reliable** source of potable water in the event of a failure or scheduled outage for repairs to Well #1.
- Produce twice the **Quantity** of water for firefighting and filling the storage tanks. With two wells operating at the same time, we can provide 700 gallons per minute (gpm). Each well produces about 350 gpm.
- The **Quality** of the Well # 2 water will be improved to be healthy and meet state standards. The Arsenic removal facility can also be used to improve Well #1 water arsenic level if that becomes an issue in the future as its arsenic level is about 7 ppb and the limit is 10 ppb.
- The Well # 2 facility is a very significant and existing multimillion-dollar **Asset** of the district. It is fully paid for and is an important part of the original design of the system. The well will continue to deteriorate without regular use and maintenance.

The proposed \$25 monthly rate increase to the Capital Recovery Charge, CRC, is a charge to all members of the District. There is also an increase to those customers that have additional supplemental water rights for future development. The rate increase is planned to be **Permanent** because this rate increase only funds the loan payments for the debt service during the next 10 years for the proposed new \$1.2 M loan for these Well #2 arsenic removal facility improvements.

We hope this helps to clarify the benefits of the improvements and the need for the requested rate increase. If you have any questions, please feel free to call me or one of the board members or join us at one of the outreach teleconference meetings on July 14th and 28th, reference the 45-day Notice of Public Hearing previously mailed to all customers.

Sincerely,

Gordon Stankowski

General Manager, RNVWD