



Newsletter

Target Range Sewer & Water District Newsletter

Spring 2022

**** IMPORTANT MESSAGE TO OUR MEMBERS ****

The Target Range Sewer & Water District Board and Members ** SAY A WARM AND GRATEFUL FAREWELL TO YOU, NANCY CHANDLER **.

Nancy, we thank you again for everything you have done for TRSWD, and we wish you the best in your well-earned retirement. You have been with us for over 10 years as our Secretary/Treasurer. Again We thank you.

The District Wants to Announce to Our Members, the New Secretary Treasurer, "GEORGE HART".

TRSWD wants to welcome George to his new position as Secretary/Treasurer. George is not new to TRSWD as he has been a member of the Board of Directors for over 6 years. He has worked with Nancy on several issues in the past and brings a lot of experience in filling this position. TRSWD is greatly appreciative to him in accepting this new position.

New Board Member:

Now we have a new Secretary Treasurer we need to replace George's position on the Board. If any of our members would want to join our board in "Preserving our quality of life through planned management of our water resources" please apply.

TRSWD Trivia Question

When the first ice dam of Glacial Lake Missoula burst, it was 60 times the volume flow (cubic feet per second) of what river that exists today? Glacial Lake Missoula sent a wall of water traveling between 35 and 55 miles per hour from Northern Idaho through Washington and Oregon to the Pacific Ocean (answer on last page).

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****FREE WATER TESTING FOR OUR MEMBERS****

To our Valued TRSWD Members - When was the last time you had your well water tested? TRSWD Board is offering, to all our members, a "Free Water Test" of your well(s) for Coliform & E-Coli Bacteria at no charge. The laboratory processing will be done by "Crisp Water Technologies, Inc.". Crisp Water is located here in Missoula at 1709 South Ave West. They are staffed with highly qualified water specialists, Certified Water Operators and State and EPA Certified Laboratory Technicians.

The **Free Testing Program will begin on April 1st** and will run until canceled by TRSWD. The first 400 TRSWD members to participate in this program will receive a complimentary water parameter analysis. It provides you with information on the workability of your water including hardness, pH, total dissolved solids, and iron.

TRSWD is offering this free water test at no charge to our members to make sure your health and our precious aquifer is protected.

To participate in the "Free Water Testing Program" you must be a member of TRSWD, **have a well that provides water to your home** and be able to perform the following:

1. Pick up the water sampling kits at Crisp Water Technologies office located at 1709 South Avenue West (across from the old Jefferson Grade School) **Tell them you are a member of TRSWD and let them know which tests you would like to have processed upon pickup.**
2. It is important to read the instructions carefully before drawing your water sample for Coliform & E-Coli Bacteria. This will ensure you draw the sample with a sanitary process and return it to the lab within 24 hours of drawing it. *(Please return all samples at the same time for simpler organization for the Crisp staff.)*
3. Fill out the form provided and the bottles completely for proper data entry and reporting information. Reports and invoicing will be provided via email, unless otherwise noted.

This information is critical in the testing of your water sample. IT will be analyzed by Crisp Water Technologies and TRSWD in combining these results on how “HEALTHY IS YOUR WATER & OUR AQUIFER”. This information will allow TRSWD to maintain our mission in “Preserving our quality of life through planned management of our water resources”.

The testing of your well is very important to TRSWD in providing information to us to manage our aquifer. These testing results will allow TRSWD the ability to provide concise information to Federal, State, County, and City agencies in how any new development, subdivision, legislation, infrastructure, may impact TRSWD.

Ken Crisp CEO/General Manager of Crisp/Water Technologies, Inc. will be giving a presentation on the need for well testing. Ken will have data on the TRSWD area. This presentation will be given at the next Target Range Home Owners Association meeting on April 27th at the Target Range School Library. Please attend if at all possible this presentation will emphasize the importance of the testing of your well.

TRSWD wants all our members to participate in this program. We cannot emphasize enough how important this program is to your health and the health of our aquifer.

Crisp Water Technologies offers other tests you may want to consider: *These additional tests are not covered by TRSWD; however, they are discounted to our members.*

Nitrates: (\$40.00) can be found when there are issues with septic system leaks and runoff. High nitrates can be a health issue for infants or individuals with a low or compromised immune system

Lead & Copper: (\$55.00) If copper plumbing is present. This is not normally found in the water source. It comes from corrosion of copper plumbing, lead solder, and older fixtures and faucets containing lead.

District Developments – Subdivisions – Existing & Proposed

There are currently two active developments in the District that include McCauley Flats and Spurgin Ranches. McCauley Flats is on South Avenue W. west of the Target Range School in the 4200 block and south of South Ave W. This development eventually will consist of five homes on 1-acre parcels with their own wells and septic systems. There are currently three new homes built with two more to be built.

The second subdivision is located on Spurgin Road west of Clements and is called Spurgin Ranches, which will consist of 19 homes when completed. The subdivision access is off of Clements onto Spurgin at the 3100 Block. There will be three accesses to the development, all off of Spurgin. All building lots will consist of approximately 1 acre in size. The subdivision currently has all roads developed, along with a pedestrian and bicycle lane. TRSWD is reviewing septic systems that must be approved. TRSWD has not at this time been provided with the appropriate documents concerning the septic systems that will be installed.

Proposed Developments – Subdivisions

There are currently four (4) proposed new subdivisions within the District. The ongoing proposed subdivision of McCauley Meadows is east of Humble Rd and south of Sundown at the base of McCauley Butte. This development has been proposed with numerous revisions and is still under consideration.

The other three (3) proposed new subdivisions are in the following areas:

The Dairy Subdivision is located on North Ave behind the Dairy on Clements. The proposed subdivision will include approximately 9.96 acres and will consist of 2 homes per acre in accordance with C-RR2 requirements. This subdivision will have a community water and septic system.

The Creighton Subdivision is located off the 600 block of Walker Drive north to the Clark Fork River and west of Clements. This subdivision will consist of 10 lots on approximately 12.14 acres. Each lot will contain 2 homes per acre in accordance with C-RR2 requirements. This subdivision will have a community water and septic system.

The Gladis Subdivision is located at 3125 S 7th ST W. This proposed new subdivision will be comprised of 9.8 acres. Current estimates are that there will be two (2) homes per acre. This subdivision is in the early stages of development. There is Missoula City water within 300 feet of the development which may require the development to be annexed into the city before approved. However, the Missoula City Sewer is currently not available to the site. There are DEQ regulations that may allow for the development.

There will be several meetings concerning these Developments that TRSWD will be attending all these. We encourage as many TRSWD and TRHOA members to attend these meetings to voice their opinions. The District will be involved in the development of these and any future subdivisions and developments.

If you are aware of any new planned development or have a concern about one, please contact the District through our website: www.targetrangeswd.org

Missoula City/County Planning Density & Annexation Policies

TRSWD has been very concerned with the Missoula City/County Board Density Planning Policy since they last announced changes. We have been reviewing information concerning how their plans affect the District. Missoula Planning's latest article deals with the shortage of available and affordable housing in the Missoula area. These plans outline how the number of dwellings, either single-family homes or apartment complexes, will affect the existing land use policies. These plans include the areas from Reserve to Tower and 3rd to South Avenue. Since the addition of our new members this becomes a much greater issue to the District than before.

As mentioned in the above Developments – Subdivision section the proposed developments are using the Missoula County C-RR2-Residential zoning regulation. This regulation allows two (2) dwellings on one (1) acre.

You can review the contents of this regulation on our website: www.targetrangeswd.org

Cesspool – Septic Issues Program Upgrade

To date the Target Range Sewer & Water District has awarded over 21 grants assisting our members in the replacement of cesspools or upgrades of existing septic systems within the District. TRSWD is proud to announce an **increase** in these grants of replacing a cesspool in the district from **\$3000 to \$5000**. Grants start at \$500 for the repair or upgrade of septic systems. Grant requests along with a written bid or estimates need to be submitted to the Board. For more details, please visit our website www.TargetRangeSWD.org.

With The Free Water Testing Program, TRSWD again asks, “What do you know about your well?”

It is important that private well owners take a little time to learn about how to be a good steward of their water-well systems, which includes testing the water and acting to improve water quality if necessary.

Here’s a short quiz to test your knowledge:

- 1. It is important to test one’s well water annually for:**
 - a. Iron
 - b. Hardness
 - c. Sulfides
 - d. Bacteria
 - e. Nitrates
 - f. d and e
 - g. All the above

- 2. A local health or governmental department is a good place to start checking on potential groundwater contamination threats:**

True or False

- 3. One’s well maybe dirty if:**
 - a. The water is cloudy
 - b. The water flow into the well is slow
 - c. There are taste and odor problems
 - d. All of the above

- 4. Nitrates most commonly come from manufactured sites:**

True or False

5. Total coliforms are tested in water because:

- a. These bacteria are hazardous to one's health
- b. They are easy to grow in lab test
- c. They are an indicator of possible pathogenic bacteria
- d. b and c
- e. All of the above

Quiz answers:

(1) f (2) True (3) d (4) False (5) c

Trivia Answer:

AMAZON River – in South America. The average discharge volume of about 209,000 m/s (7,400,000 cu ft/s) which is approximately 6,591 km³ (1,581 cu mi) per year, greater than the next seven largest independent rivers combined.

TRSWD Website Information

The TRSWD Website contains information about the District and its mission. It also contains historical information on the creation of our aquifer and the impact it had on the Northwest, not just the Missoula Valley. Please visit our site and see the importance of the District's Mission.

TRSWD Contact Information

Board Members:

Fred Jones, Chairman: 542-6294
Mitch Ferm: 529-3476
Norm Smyers: 543-9775
Scott David: 381-6229
Larry Nagy,
Business Manage: 207-4087

District Mailing: PO Box 5484
Missoula, MT 59806

Office Location: 1705 South Reserve
Missoula, MT 59801

Email Address can be obtained at District Website:
www.targetrangeswd.org

A closing message from the Board

It again is the time of year to begin planting. We wish you the best in your endeavors, whatever they may be. We look forward to working with you in the years to come.

Target Range Sewer and Water District
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