



Community Development

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St. Croix County Community Development Department is expanding its Citizen Groundwater Monitoring Program. This program is looking for 204 participants to voluntarily work with the County and have their water tested at the County's expense over the next five years. The goal of this program is to assess the health of groundwater within the County and to provide homeowners with updated information regarding drinking water safety.

Your participation will help us reach our goal of better understanding the health of our groundwater/drinking water supply. More information about the Groundwater Monitoring program is outlined below:

- This is a five (5) year study, funded by St. Croix County **(\$150 value)**
- Analysis includes nitrate-nitrogen, chloride, alkalinity, hardness, pH, DACT (atrazine – herbicide)
- Well water samples will be collected annually, in the fall (September-October)

To participate:

- The well to be sampled must be a private well within County boundaries.
- You will need to provide depth of your well and well casing
 - This information is used to understand what aquifer the sample represents.
 - For assistance call 715-531-1906
- Collect a water sample, per instructions and return sample on a specific date to a pre-determined drop off location (determined at a later date).
- Water samples must be taken prior to any treatment at the home (if applicable) such as water softener and reverse osmosis systems.
- Commit to sampling once per year for five years.

To express your interest in being involved, use the link below to determine if your location in the County is still available (the grid), and then complete the survey to register for the program.

<https://www.sccwi.gov/921/Citizen-Groundwater-Monitoring-Program>

- View the County grid map to determine if your well location is still available. This grid will be updated each morning with current information regarding availability.
- Complete the Homeowner Participation Survey, you will be contacted by the County mid to later September to confirm your involvement.

Town Groundwater Outreach

"97% of the groundwater within the County is recharged within County boundaries"

"40% of the County population uses private well water as their main source of water"



Goals:

- Improve awareness of the importance of testing drinking water.
- Provide assistance in interpreting analysis, if requested.
- Determine groundwater trends within the County.
- Increase knowledge of groundwater variability and source of contamination.

Free Nitrate Screening Clinics:

- Nitrate screening clinics are available to all County residents.
- Bring water samples from their homes.
- Have water tested pre and post treatment system at no cost.

Groundwater Well Testing Program:

- The groundwater well testing program is developed to understand trends on groundwater quality within the County.
- Residents can participate in the County program and learn more about their well water and information on groundwater quality.
- The County will pay for the nitrate testing offered in the program.
- Close to 203 landowners will be involved in the program.
- Randomly sampled in grid format for even distribution in the County.

Completed Nitrate Trend Analysis

- Identified 132 transient non-community and municipal wells with 5+ years for trend analysis.
- 16 wells decreasing, 47 increasing, and 69 have no significant changes in trend.

