



October 27, 2023

Subject: **Well Construction Considerations Near Marinette County Remediation Investigation**

Dear Licensed Well Drillers:

The Department is seeking to update licensed well drillers who have historically completed wells in Marinette County about the ongoing remediation investigation that may influence well construction considerations. In 2017, Johnson Controls, Inc. and Tyco Fire Products (JCI/Tyco) began investigating Per- and Polyfluoroalkyl Substances (PFAS) contamination in the Marinette and Peshtigo area in Marinette County.

CONTAMINANT: PER- AND POLYFLUOROALKYL COMPOUNDS (PFAS)

LOCATION: Marinette County – Area Around City of Marinette and Town of Peshtigo
Township 30N – Range 23E Sections: 1, 12, 13, & 24 – Range 24E Sections: 5-9, 17, 18, 19, & 20

JCI/Tyco has provided some private well owners the option to have a new deep well (> 400 feet deep) constructed to avoid the shallow aquifer which may contain PFAS. The deep aquifer in this area may have poor aesthetic quality due to high levels of hardness, iron and sulfate and may also produce water with high levels of naturally occurring contaminants that pose a health risk including radium and strontium.

The Department asks that when a customer requests construction of a deep well in this area, you alert them to the possible water quality issues in this deep aquifer. This will help to ensure that those customers looking to drill a deep well to avoid PFAS are also informed of contaminants and potential risks associated with deep wells and can make the most informed decisions regarding their well construction and drinking water supply.

For questions about how contaminants in drinking water can affect health, area residents can contact the Department of Health Services (DHS) at DHSEnvHealth@dhs.wisconsin.gov. More information about the active investigation involving potential or known contamination to soil, surface water, and ground water, is available on our dedicated webpage: <https://dnr.wisconsin.gov/topic/PFAS/Marinette.html>. For questions about the risks of deep wells in this area and how to test and treat for radium and strontium in drinking water, or any other drinking or groundwater concerns, area residents can contact me at (608) 419-7637 or Benjamin.Degner@Wisconsin.gov.

Sincerely,



Benjamin Degner
Private Water Supply Specialist
Wisconsin Dept. of Natural Resources

CC: WDNR Remediation & Redevelopment Northeast Region