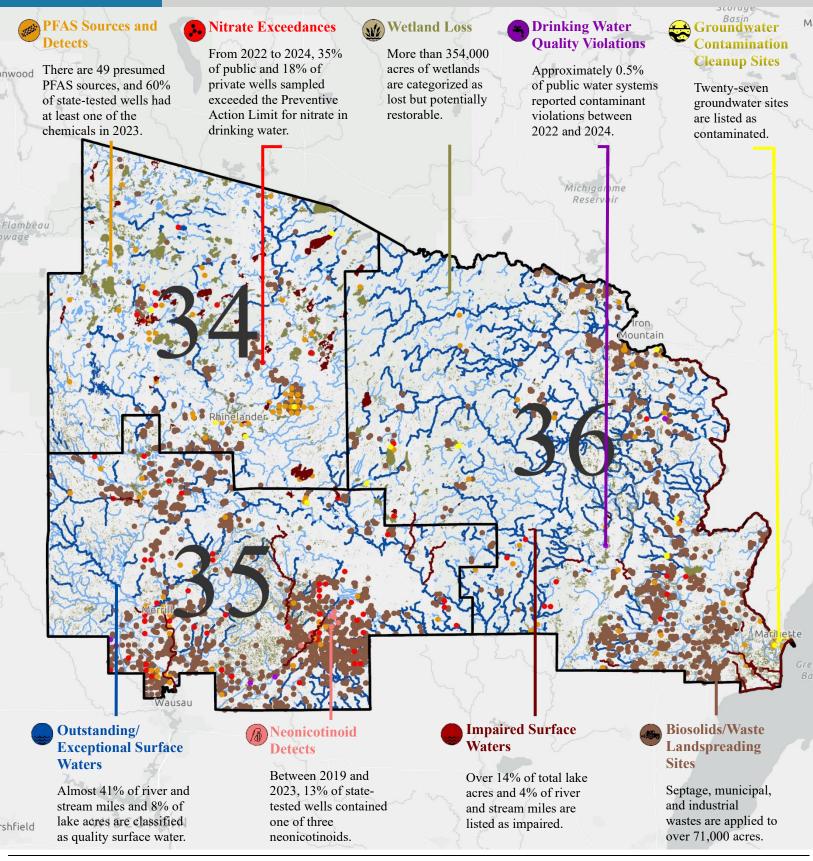


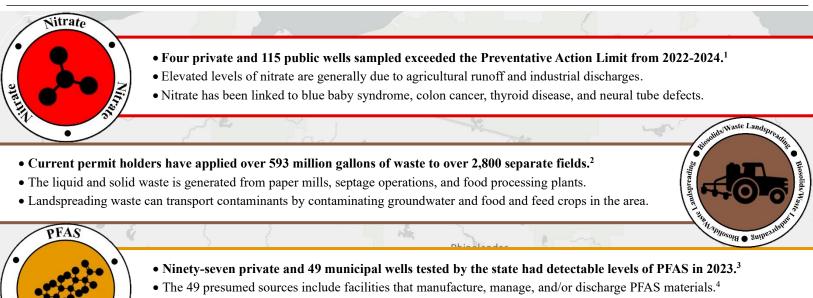
## **2024\*** Water Quality Report

177,000 Constituents | 73% Rely on Private Wells for Drinking Water



For policy questions, contact Water and Agriculture Program Director Sara Walling at swalling@cleanwisconsin.org. For data questions, contact Clean Water Manager Hannah Richerson at hricherson@cleanwisconsin.org. \*Data available as of December 31, 2024.



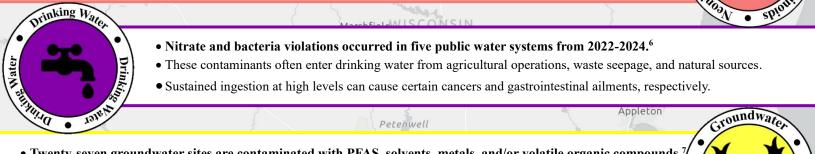


• PFAS consumption can cause developmental effects in children, decreased fertility, and some cancers.

Merrill

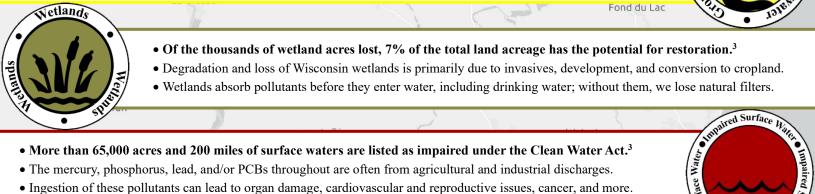
• From 2019-2023, 62 private and monitoring well samples contained one or more neonicotinoids<sup>5</sup>

- Neonicotinoid insecticides are applied to agricultural crops, lawns and gardens, golf courses, and more.
- Negative impacts to non-target insect species cause food chain issues in fish, birds, and potentially other taxa.

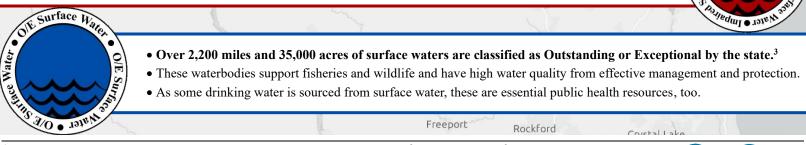


• Twenty-seven groundwater sites are contaminated with PFAS, solvents, metals, and/or volatile organic compounds.

- These chemical mixtures enter water through industrial/military discharges, storage tank leaks, and landfill leachate.
- If ingested through drinking water, the pollutants pose serious cancer and organ damage health risks.



- The mercury, phosphorus, lead, and/or PCBs throughout are often from agricultural and industrial discharges.
- Ingestion of these pollutants can lead to organ damage, cardiovascular and reproductive issues, cancer, and more.



<sup>1</sup>Wisconsin Department of Natural Resources (WDNR) Groundwater Retrieval Network (GRN); <sup>2</sup>WDNR data request; <sup>3</sup>WDNR GIS Open Data Portal; <sup>4</sup>Adapted from Salvatore et al. (2022); <sup>5</sup>Department of Agriculture, Trade, and Consumer Protection (DATCP) data request; <sup>6</sup>Environmental Protection Agency (EPA) Enforcement and Compliance History Online (ECHO); 7WDNR Bureau for Remediation and Redevelopment Tracking System (BRRTS)



eonicotinoio

otinoide