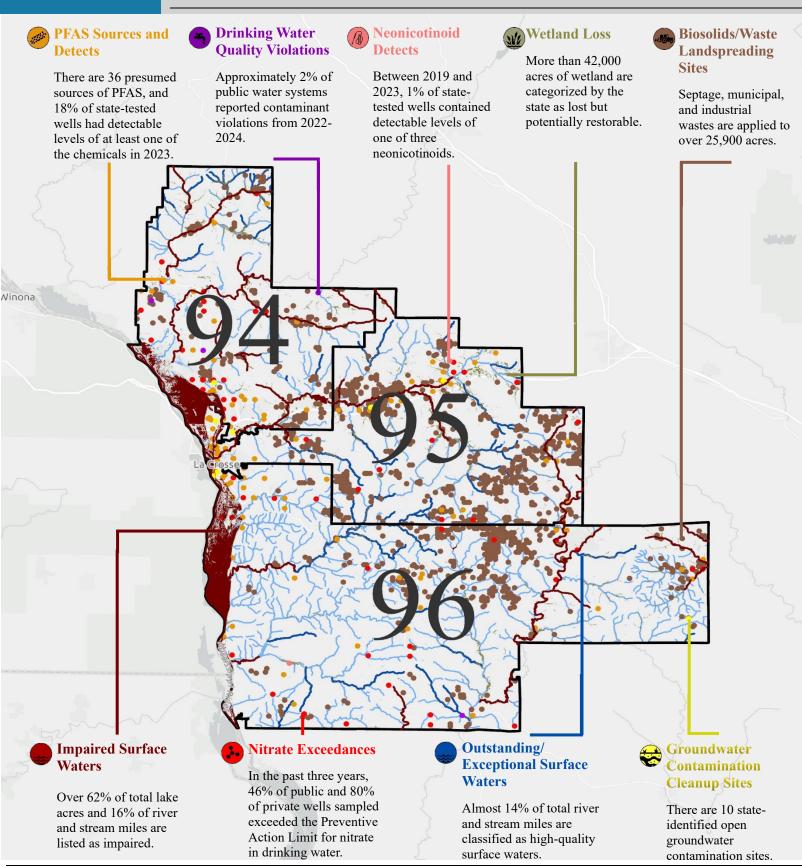


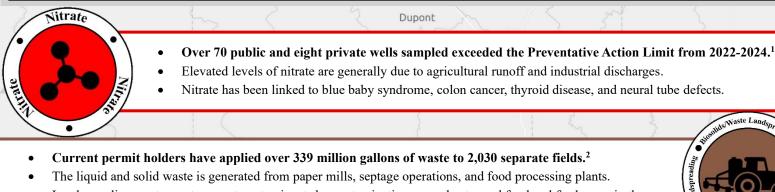
## 2024<sup>\*</sup> Water Quality Report

177,000 Constituents | 35% 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.

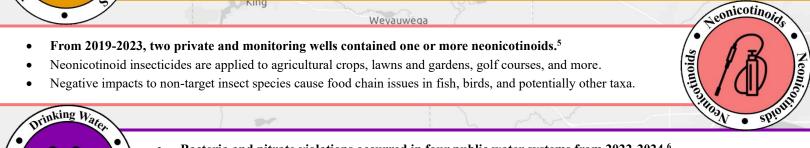




• Landspreading waste can transport contaminants by contaminating groundwater and food and feed crops in the area.

## • Four private and 10 municipal wells tested by the state had detectable levels of PFAS in 2023.<sup>3</sup>

- The 36 presumed sources include facilities that manufacture, manage, and/or discharge PFAS materials.<sup>4</sup>
- PFAS consumption can cause developmental effects in children, decreased fertility, and some cancers.



- Bacteria and nitrate violations occurred in four public water systems from 2022-2024.<sup>6</sup>
- These contaminants often enter drinking water from natural sources, agricultural operations, and septic systems.
  - Sustained ingestion at high levels can cause stomach ailments and numerous other health impacts, respectively.

## WAUSHARA

- Eleven groundwater sites are contaminated with solvents, gasoline, and volatile organic compounds.<sup>7</sup>
- These chemical mixtures enter the water through industrial discharges, storage tank leaks, and landfill leachate.
- If ingested through drinking water, the pollutants pose serious cancer and organ damage health risks.

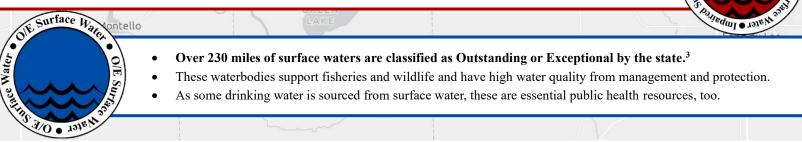
## Wetlands

PFAS

- Of the thousands of wetland acres lost, 3.6% of the total land has the potential for restoration.<sup>3</sup>
- Degradation and loss of Wisconsin wetlands is primarily due to invasives, development, and conversion to cropland.
- Wetlands absorb pollutants before they enter water, including drinking water; without them, we lose natural filters.



- The phosphorus, heavy metal, and PCBs 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); <sup>7</sup>WDNR Bureau for Remediation and Redevelopment Tracking System (BRRTS)



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