

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

177,000 Constituents | 8% 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.







- The 41 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.



- No violations occurred in public water systems from 2022-2024.<sup>6</sup>
- Common contaminants such as nitrate and heavy metals often enter drinking water from agricultural and natural sources.

Appleton

• Sustained ingestion at high levels can cause many adverse health effects.

## • Thirty-six groundwater sites are contaminated with solvents, gasoline, heavy metals, PCBs, and/or VOCs.<sup>7</sup>

- 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.

PFAS



Petenwell

- More than 35 miles of surface waters are listed as impaired under the Clean Water Act.<sup>3</sup>
- 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); <sup>7</sup>WDNR Bureau for Remediation and Redevelopment Tracking System (BRRTS)



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