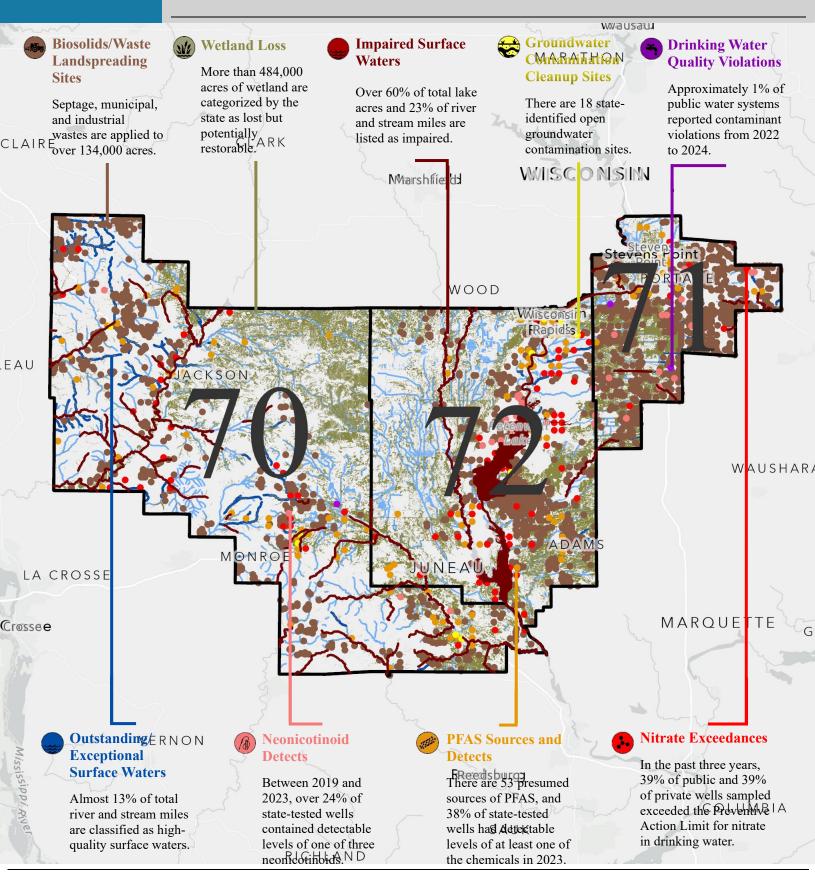
24 SENATE DISTRICT

2024* Water Quality Report

177,000 Constituents | 54% Rely on Private Wells for Drinking Water



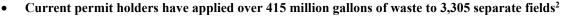
For policy questions, contact Water and Agriculture Program Director Sara Walling at swalling@cleanwisconsin.org. For data questions, contact Clean Water Manager Hannah Richerson at hricherson@cleanwisconsin.org.





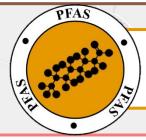


- Over 140 public and seven private wells sampled exceeded the Preventative Action Limit from 2022-2024¹
- Elevated levels of nitrate are generally due to agricultural runoff and industrial discharges
- Nitrate has been linked to blue baby syndrome, colon cancer, thyroid disease, and neural tube defects



- The liquid and solid waste is generated from paper mills, septage operations, and food processing plants
- Landspreading can transport contaminants by contaminating groundwater and crops grown in the area





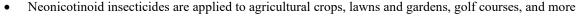
• More than 1/3 of private and municipal wells tested by the state had detectable levels of PFAS in 2023³

- The 53 presumed sources include facilities that manufacture, manage, or discharge PFAS materials⁴
- PFAS consumption can cause developmental effects in children, decreased fertility, and some cancers

King

Weyauwega

Nearly a quarter of state-tested private and monitoring wells contained one or more neonicotinoids⁵



Negative impacts to non-target species, such as fish and birds, raise potential human health concerns





- Elevated levels of nickel and nitrate were found in three public water systems⁶
- These often enter drinking water from natural sources, agricultural operations, and septic systems
- Sustained ingestion at high levels can cause stomach ailments and many negative health impacts, respectively

Eighteen groundwater sites are contaminated with solvents, gasoline, and volatile organic compounds⁷

- They enter the water through industrial discharges, underground storage tank leaks, and landfill leachate
- If ingested through drinking water, these pollutants pose serious cancer and organ damage health risks





- Of the thousands of wetland acres lost, 21.3% of the total land has the potential for restoration³
- Degradation and loss of Wisconsin wetlands is primarily due to development, drainage, and agriculture
- Wetlands absorb pollutants before they enter drinking water; without them, we lose natural water filters
- Approximately 73,700 acres and 589 miles of surface waters are impaired under the Clean Water Act³
- The phosphorus, heavy metal, and PCB contamination is often from agricultural and industrial discharges
- Ingestion of the pollutants can lead to organ damage, cardiovascular and reproductive issues, and cancer





- Three hundred and fifty miles of surface waters are classified as Outstanding or Exceptional by the state³
- These waterbodies support fisheries and wildlife and have high water quality from effective management
- As some drinking water is sourced from surface water, these are essential public health resources

