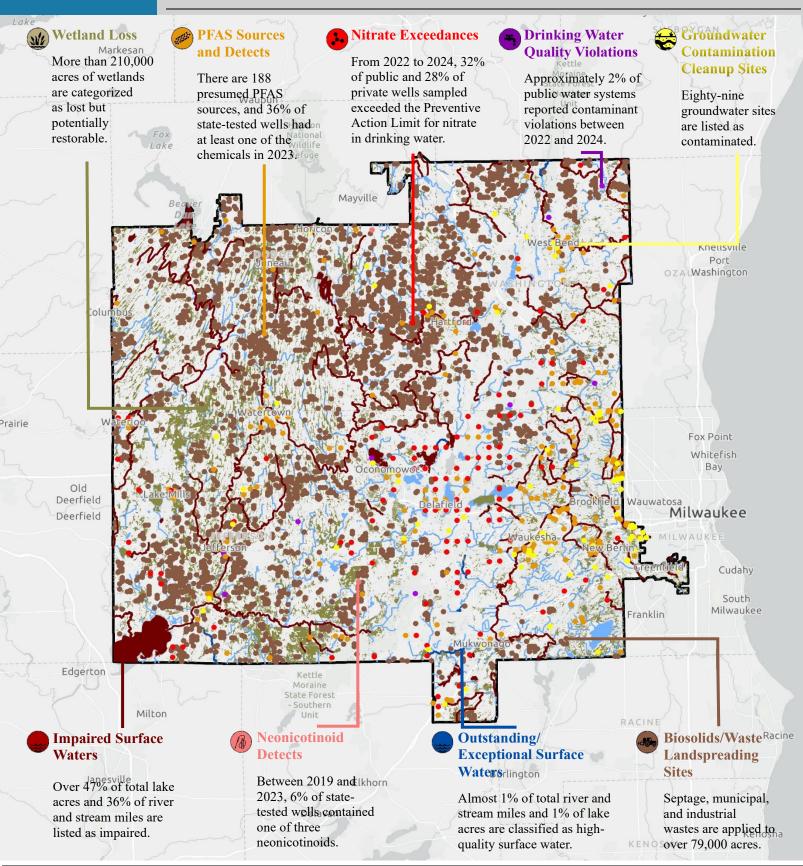
CONGRESSIONAL DISTRICT

2024* Water Quality Report

729,000 Constituents | 39% Rely on Private Wells for Drinking Water

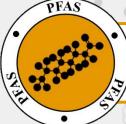






- Forty-three private and 119 public* wells sampled exceeded the Preventative Action Limit from 2022-2024.
- Elevated levels of nitrate are generally due to agricultural runoff and industrial discharges.
- Nitrate has been linked to blue baby syndrome, colon cancer, thyroid disease, and neural tube defects.
- Current permit holders have applied approximately 771 million gallons of waste to over 4,800 separate fields.²
- The liquid and solid waste is generated from paper mills, septage operations, and food processing plants.
- Landspreading waste can transport contaminants by contaminating groundwater and food and feed crops in the area.



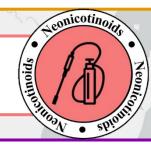


Fourteen private and 100 municipal wells tested by the state had detectable levels of PFAS in 2023.³

- The 188 presumed sources include facilities that manufacture, manage, and/or discharge PFAS materials.⁴
- PFAS consumption can cause developmental effects in children, decreased fertility, and some cancers.



- From 2019-2023, two private and monitoring well samples contained one or more neonicotinoids.⁵
- 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.





- Arsenic, radium, DEHP, bacteria, and/or nitrate at violation levels were found in twenty public* water systems.⁶
- These contaminants often enter drinking water from natural sources, septic systems, and agricultural operations.
- Sustained ingestion at high levels can cause cancer, gastrointestinal issues, and/or numerous other health impacts.

Appleton



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





La Crosse

Fond du Lac

- Of the thousands of wetland acres lost, over 14% of the total land acreage has the potential for restoration.³
- 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.
- More than 33,700 acres and 620 miles of surface waters are listed as impaired under the Clean Water Act.³
- The mercury, phosphorus, metals, bacteria, 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.





- Over 22 miles and 150 acres of surface waters are classified as Outstanding or Exceptional Waters by the state.³
- These waterbodies support fisheries and wildlife and have high water quality from effective management and protection.
- As some drinking water is sourced from surface water, these are essential public health resources, too.

Waukegan

