

WISCONSIN DEPARTMENT OF NATURAL RESOURCES PFAS FISH CONSUMPTION ADVISORIES

DATE ISSUED: MAY 2023

WHERE

The bay of Green Bay and its tributaries up to the first dam including the Oconto, Peshtigo and Menominee rivers.

WHAT

A new consumption advisory for rainbow smelt of one meal per week for everyone.

WHY

Recent sampling shows elevated levels of perfluorooctane sulfonate (PFOS) in the fish tissue of rainbow smelt taken from Green Bay. As a result, the Wisconsin Department of Natural Resources (DNR) and the Department of Health Services are recommending a new consumption advisory.

PREVIOUS ADVISORY

There was no previous consumption advisory for rainbow smelt in Green Bay.

PFAS DEFINITION

PFOS (perfluorooctane sulfonate) is one of many per- and polyfluoroalkyl substances (PFAS). PFAS are a group of human-made chemicals used for decades in numerous products, including non-stick cookware, fast food wrappers, stain-resistant sprays and certain types of firefighting foam. These contaminants have made their way into the environment in a variety of ways, including spills of PFAS-containing materials, discharges of PFAS-containing wastewater to treatment plants, and certain types of firefighting foams. PFAS are very resistant to breaking down. **PFOS, in particular, builds up in fish tissue, but how it builds up is hard to predict.**

HEALTH BENEFITS & RISKS

Fish are high in protein, a great source of Omega-3 fatty acids, and are low in unhealthy saturated fats. However, since PFAS can be stored in your body for years, health risks may increase if you eat more fish than recommended. PFOS detection is one of the driving forces behind establishing fish consumption advisories. **You can get the health benefits from eating fish while reducing unwanted contaminants by following this advisory.**

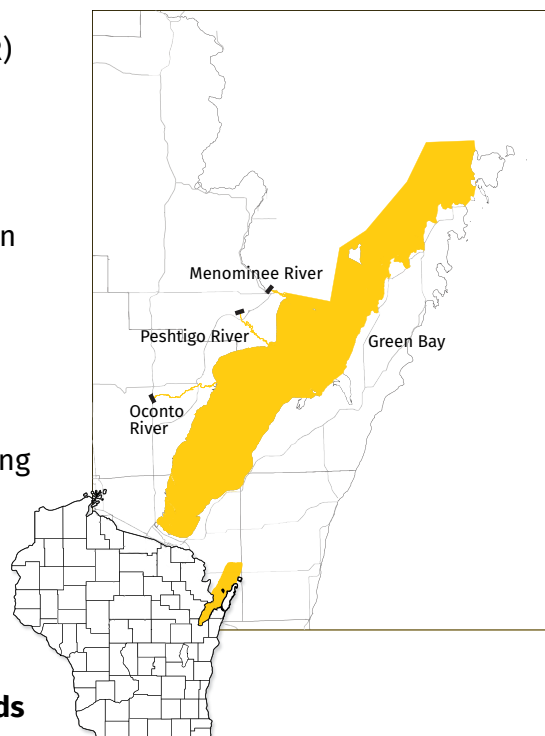
Exposure to high levels of certain PFAS may:

- Increase cholesterol levels
- Decrease how well the body responds to vaccines
- Increase the risk of thyroid disease
- Decrease fertility in women
- Increase the risk of serious conditions like high blood pressure or pre-eclampsia in pregnant women
- Lower infant birth weights
- Cause cancer

SITE SPECIFIC ADVISORY FOR Green Bay And Its Tributaries

GUIDELINES FOR EVERYONE (PFOS)

Species	Up to 1 meal per week
Rainbow smelt	All sizes
Rock bass	All sizes



Find consumption advice in the DNR's [Choose Wisely: A Health Guide For Eating Fish In Wisconsin](#).