

ESCAMBIA COUNTY PFAS

Drinking Water

- Maximum total PFAS concentration of 219 ng/L and an average of 49 ng/L were measured among 12 drinking water samples.
- Escambia County ranked 2nd among the 67 Florida counties for the highest maximum and average total PFAS concentrations in drinking water.

Sinkway et al. 2024

PFAS

PFAS are per- and polyfluoroalkyl substances found in many consumer products that do not easily breakdown in the environment. The USEPA set maximum PFAS standards to not exceed 4 ng/L in concentration.

Surface Water

- Maximum total PFAS concentration of 118 ng/L and an average of 12 ng/L were measured among 52 surface water samples.
- There were 27% of surface water samples with PFOA above 4 ng/L standard (ranked 22nd in Florida).
- There were 13% of surface water samples with PFOS above 4 ng/L standard (ranked 27th in Florida).

Camacho et al. 2024

SANTA ROSA COUNTY PFAS

Drinking Water

- Maximum total PFAS concentration of 15 ng/L and an average of 4.8 ng/L were measured among 25 drinking water samples.
- Santa Rosa County ranked 34th for highest maximum and 35th for highest average total PFAS in drinking water among the 67 Florida counties.

Sinkway et al. 2024

PFAS

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Surface Water

- Maximum total PFAS concentration of 29 ng/L and an average of 6 ng/L were measured among 36 surface water samples.
- There were 19% of surface water samples with PFOA above 4 ng/L standard (ranked 31st in Florida).
- There were 22% of surface water samples with PFOS above 4 ng/L standard (ranked 26th in Florida).

Camacho et al. 2024

OKALOOSA COUNTY PFAS

Drinking Water

- Maximum total PFAS concentration of 140 ng/L and an average of 18 ng/L were measured among 8 drinking water samples.
- Okaloosa County ranked 11th among the 67 Florida counties for the highest maximum and average total PFAS concentrations in drinking water.

Sinkway et al. 2024

PFAS

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Surface Water

- Maximum total PFAS concentration of 185 ng/L and an average of 31 ng/L were measured among 49 surface water samples.
- There were 20% of surface water samples with PFOA above 4 ng/L standard (ranked 28th in Florida).
- There were 80% of surface water samples with PFOS above 4 ng/L standard (ranked 8th in Florida).

Camacho et al. 2024

WALTON COUNTY PFAS

Drinking Water

- Maximum total PFAS concentration of 0 ng/L and an average of 0 ng/L were measured among three drinking water samples.
- Walton County was not included in a statewide ranking system for PFAS due to the low number of samples collected and analyzed.

Sinkway et al. 2024

PFAS

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Surface Water

- Maximum total PFAS concentration of 29 ng/L and an average of 6 ng/L were measured among 18 surface water samples.
- There were 5% of surface water samples with PFOA above 4 ng/L standard (ranked 51st in Florida).
- There were 11% of surface water samples with PFOS above 4 ng/L standard (ranked 42nd in Florida).

Camacho et al. 2024