



DETECTION // TREATMENT // REGULATION

EMERGING CONTAMINANTS
— S U M M I T —

Modeling Bioaccumulation of PFAS in the Aquatic Environment to Support Remedial Decision-Making

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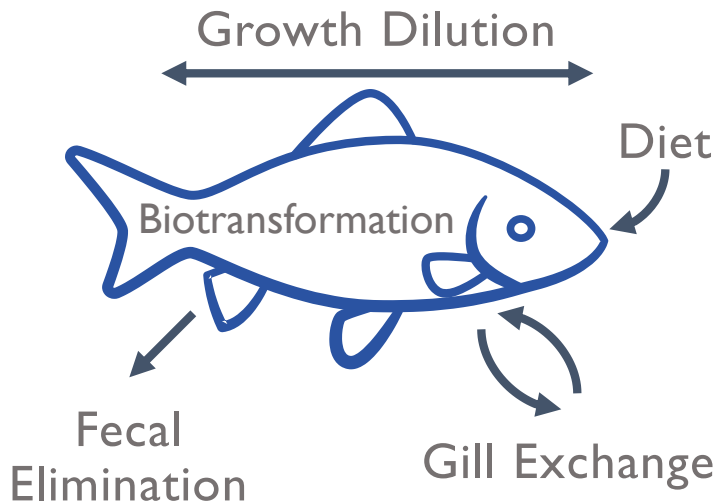
Anchor QEA, LLC

Bioaccumulation Model of PFOS + Its Precursors in Fish

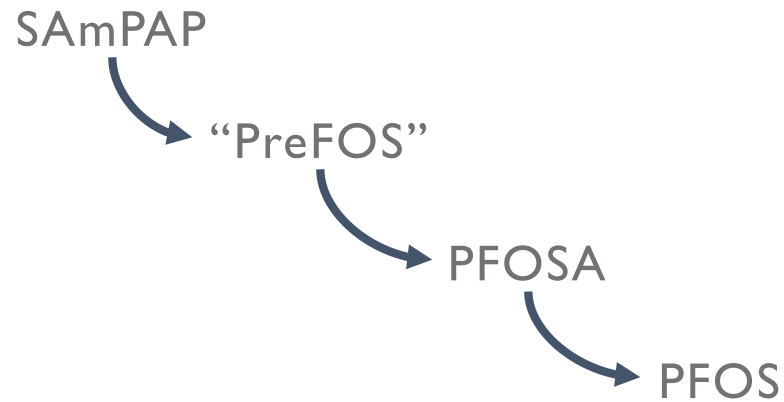
The goal is to support effective remediation by understanding sources of exposure of wildlife and people

- *Sediment or water?*
- *PFOS or precursors?*

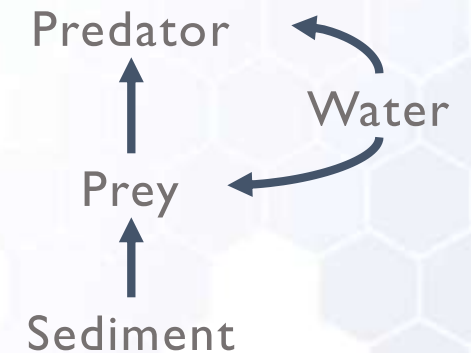
Toxicokinetic processes



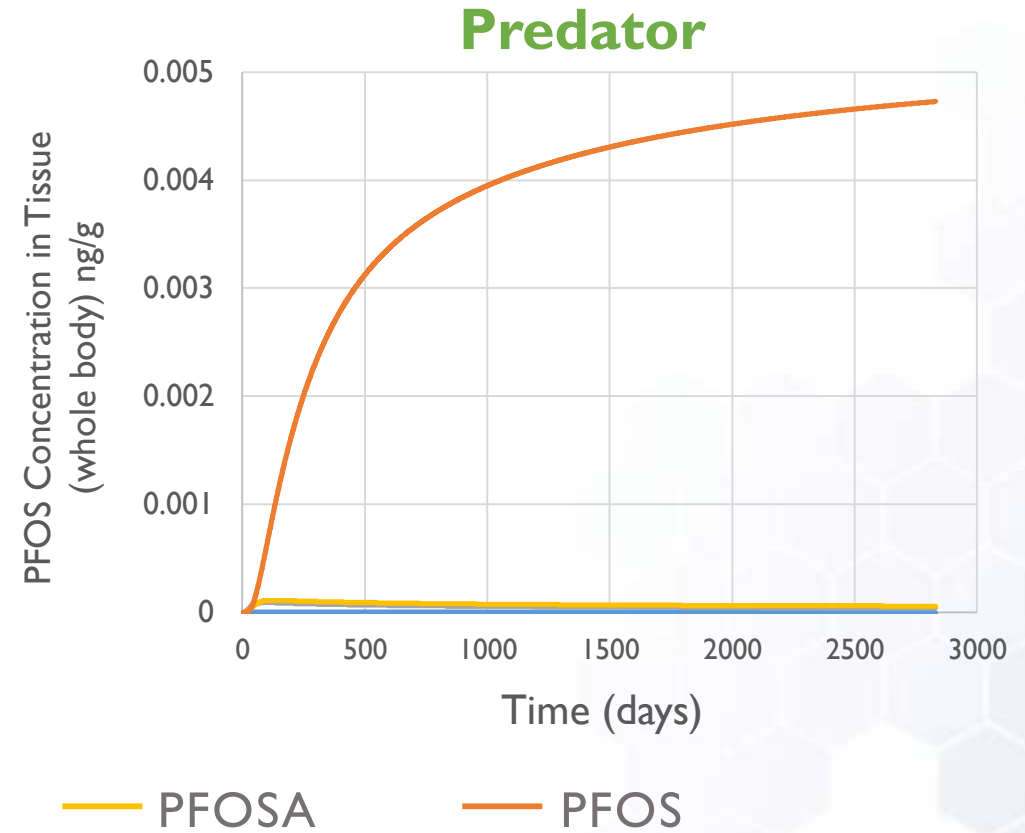
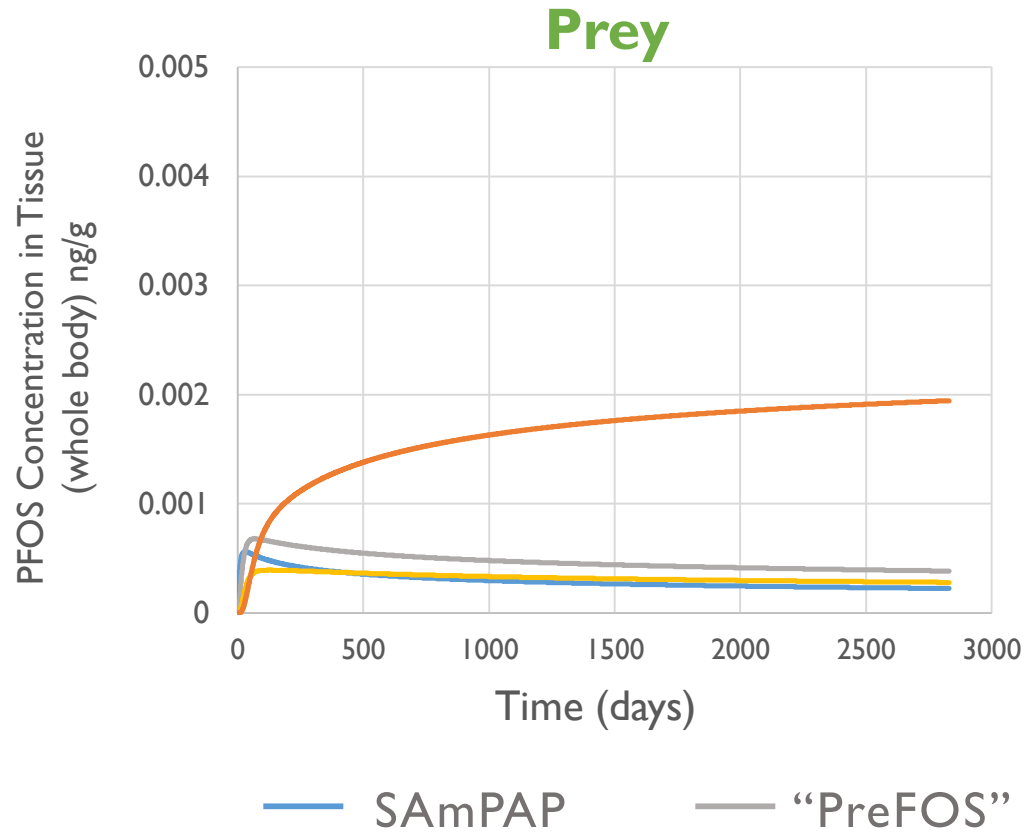
Precursors and their biotransformation



Simple food web



Food Web Application



Additional applications and insights are presented in the poster