Logan Uselman, Ph.D., P.G., Avram Frankel, P.E., Integral Consulting Inc.

1974

Water Act that allows EPA to set

National Primary Drinking Water

Regulations (NPDWRs) and set

* HAs are non-regulatory, heath based values

Health Advisories (HAs)

EPA brokers

voluntary phase out

of PFOS and PFOA

2006 2009

2019

2020

2021 2022

EPA publishes PFAS Action Plan, outlining approach for addressing current contamination,

preventing future contamination, and effectively communicating

state's first PFAS MCLs PFAS Type Level (ppt) PFOS PFOA * Public Water System (PWS)> 10,000 (people) must begin monitoring within 60 days * PWS 3,300–9,999 must begin

monitoring within 90 days

within 6 months

* PWS<3,300 must begin monitoring

New York promulgates

with public.



DEC ...

EPA issues Interim

PFOA and PFOS

PFOA +

New York proposes Maximum Contaminant Levels (MCLs)

PFAS Type	Level (ppt)
PFOS	10
PFOA	10

Recommendations for Addressing

Groundwater Contaminated with

PFAS Type Level (ppt)

EPA publishes PFAS Strategic Roadmap, outlining the timeline for EPA to address PFAS

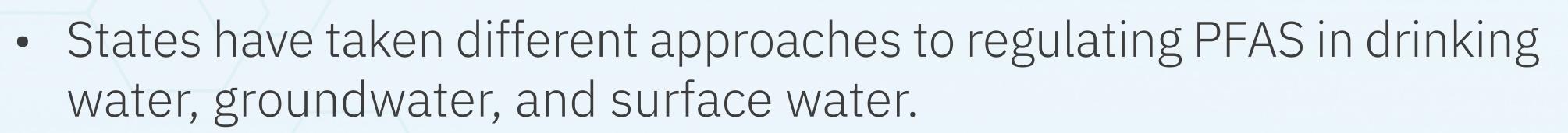


PFOS

EPA publishes

Lifetime HAs for

PFOA and PFOS **PFAS** Level Type PFOA +



• The road to regulation, at both the state and federal level, has been long and is far from over.

EPA issues Provisional

PFOS

HAs for PFOA and PFOS

Level

in other states, view the PFAS Regulatory Criteria Dashboard.

New York has been chosen as an example. To learn more about PFAS

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EPA updates HAs

PFAS Type	Level (ppt)
PFOS (Interim HA)	0.004
PFOA (Interim HA)	0.02
GenX (Final HA)	10
PFBS (Final HA)	2,000



New York proposes notification levels for additional PFAS

PFAS Type	Level (ppt)
GenX	10
PFDoA + PFUnA + 11Cl-PF3OUdS + 9Cl- PF3ONS + GenX + PFHpS	30
PFBS + PFHxA + ADONA + 4:2FTS + 6:2FTS + 8:2FTS + NFDHA + PFBA + PFEESA+ PFMBA + PFMPA + PFPeA + PFPe	100

DEC

New York proposes additional MCLs

PFAS Type	Level (ppt)
PFHxS	10
PFHpA	10
PFNA	10
PFDA	10
PFOA + PFOS + PFHxS + PFHpA + PFNA + PFDA	30

New York publishes Permitting Strategy for Implementing Guidance values for PFOA and PFOS (TOGS 1.3.13)

MAR III 👟

2023



New York issues Final Ambient Water Quality Guidance Value

Human Health

PFAS Type	Level (ppt)
PFOA	6.7*
PFOS	2.7*

* Lower than MCLs for extra margin of safety against build-up of these contamination to levels approaching or exceeding the MCLs

Aquatic Life

DEOC (npt)

PFOS (ppt)		
160	Fresh, chronic	
41	Saline, chronic	
710	Fresh, acute	
190	Fresh, chronic	

MAR

*HI - hazard index

EPA proposes NPDWRs including proposed MCLs for PFOA, PFOS, PFHxS, PFNA, PFBS, and GenX

PFAS Type	Level (ppt)
PFOA	4.0
PFOS	4.0
Mixture of two or more PFHxS, PFNA, GenX, PFBS	1 HI*

APR

*HI - hazard index

2024

including MCLs for five PFAS and one mixture

2029

New York Regulations

Federal Regulations

Drinking Water

Groundwater

Surface Water

All state water

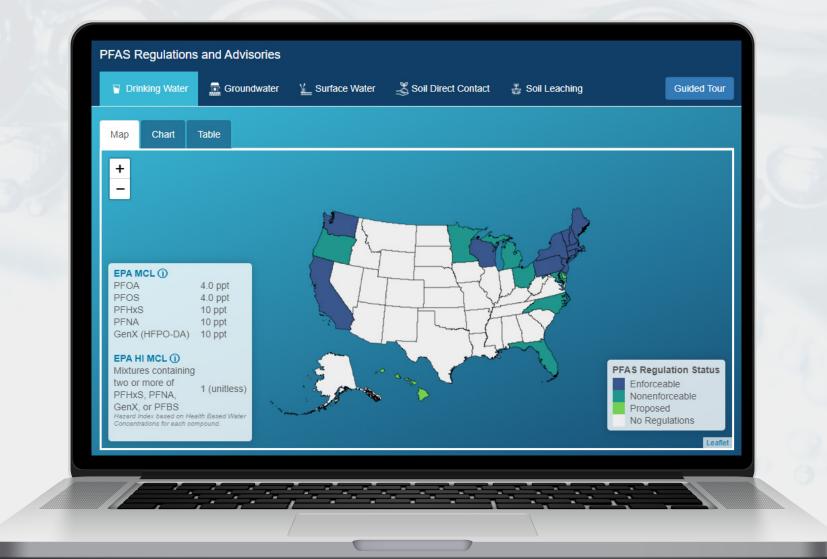
systems, including

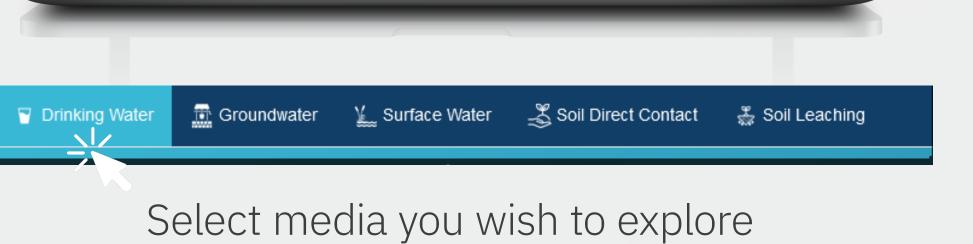
meet federal MCLs

New York, must

PFAS Type	Level (ppt)
PFOA	4.0
PFOS	4.0
PFHxS	10
PFNA	10
GenX	10
Mixture of two of more PFHxS, PFNA, GenX,	1 HI*

Let's Look at Your State







Choose how you want to view the data

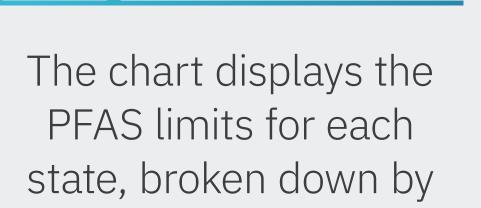


Click on individual states to learn more about their specific PFAS regulations

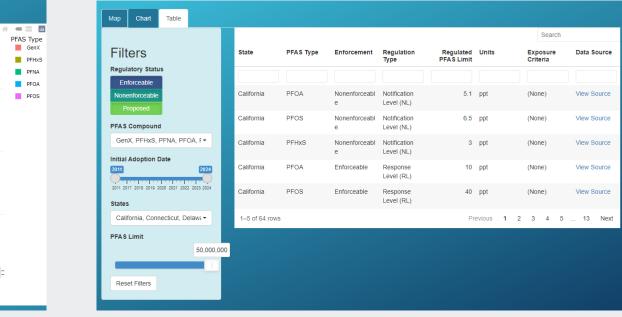


Each state's regulation is classified as enforceable, nonenforceable, or proposed





PFAS type



The table shows the raw data based on the filters selected

