

State actions about PFAS in biosolids

- Voluntary Testing
- Required Monitoring
- Source Control Screening Level(s)
- Biosolids Land Application Ban
- Proposed Biosolids Land Application Ban

Minnesota –
Proposing study of
biosolids levels and PFAS
fate/transport after land
application

Washington –
Required PFAS
monitoring in biosolids

Oregon –
Voluntary PFAS testing
of biosolids by some
larger utilities

California –
Sampling and reporting
required

Hawaii – Dept of Health
led sampling of influent,
effluent, and biosolids

Wisconsin – PFOA+PFOS
> 150 ppb - land application not allowed
>50 ppb - source control required and limited land application
> 20 ppb – implement source investigation and reduction efforts
< 20 ppb – no restrictions

Illinois – Bill proposing ban like Maine

Michigan – Tiered approach. PFOA or PFOS:
> 100 ppb - land application not allowed
>20 ppb - source control required and limited land application
< 20 ppb – no restrictions
PFOA+PFOS < 20 ppb “Exceptional Quality” eligible

Colorado –
PFAS monitoring in biosolids
required; PFOS > 50 ppb
requires source investigation.

Texas – State Chemist is
proposing to ban the use of
biosolids labeled as fertilizers

New York – Proposed tiered
approach for PFOA or PFOS
> 50 ppb: land application not allowed
until <20 ppb
> 20 ppb: 1 year to reduce to <20 ppb
< 20 ppb: land app allowed

Vermont – Meet all the following limits:
< 3.4 ppb PFOS, < 1.6 ppb PFOA, < 0.84 ppb
PFHpA, < 0.44 ppb PFNA, < 0.38 ppb PFHxS

Maine – Ban on land app/biosolids due to PFAS
concern

New Hampshire –
Biosolids monitoring required. General interim
best management practices guidance for biosolids
developed

Connecticut – Ban on biosolids that contain PFAS

Massachusetts/Pennsylvania – PFAS testing required
for biosolids in permit renewal process

Delaware –
State-led study of biosolids land application and PFAS
levels in nearby soil and groundwater (Dec 2022-2024)

Maryland –
Monitoring guidance at Wisconsin’s levels, but top tier
is 100 ppb rather than 150 ppb.

Virginia –
Considering sampling/reporting like Michigan’s studies.

North Carolina –
Biosolids monitoring at targeted facilities.

Missouri –
Biosolids monitoring required for land application.
Cannot exceed the following limits: <4.2 ppt PFHxS,
<42 ppt PFNA, < 30 ppt PFOS, < 61 ppt PFOA

ppb = µg PFAS/kg biosolid

Updated November 2024. Not intended to be
comprehensive due to ongoing changes.