



## ECOS PFAS Biosolids Survey

**Thank you for taking the time to complete this survey on PFAS and biosolids for your state. We understand it is lengthy but the responses will help guide ECOS' efforts as well as advise U.S. EPA on where to focus their work on this important issue.**

**Most questions have check boxes, allowing you to check all answers that apply. Please provide comments where applicable to help us better understand your state's program.**

**If you have questions, email [Sarah Grace Hughes](mailto:Sarah.Grace.Hughes@ecosc.org).**

\* 1. Name, State

### State Legislative & Regulatory Activity

2. To what extent are biosolids being distributed to various land application types in your state?

- Food crops
- Agricultural Feedstock
- Residential/Commercial land
- Other (please specify)

3. What are your state's approved rates and frequency for land application of biosolids on the above crops, and how are these rates determined?

4. What legislation has your state enacted or proposed with respect to biosolids as it relates to PFAS?

- Ban on land application
- Ban on landfilling
- Monitoring Requirements
- None
- Other (explain below)

Comments

5. Is your state considering legislation with respect to biosolids as it relates to PFAS?

- Ban on land application
- Ban on landfilling
- Monitoring Requirements
- None
- Other (explain below)

Comments

6. What regulatory actions has your state taken or is your state considering?

- Standards for effluent
- Limitations on biosolids land application
- Monitoring regimes
- Landfilling
- None
- Other (explain below)

Comments

7. Have counties, municipalities, or other jurisdictions within your state established their own standards, bans, monitoring regimes, etc. related to biosolids disposal or land application?

Yes

No

Please explain:

8. Do you have any prohibitions or restrictions on biosolids beneficial use based on PFAS concentrations?

Yes

No

If yes, please explain:

9. What are some of the key challenges your state faces with regards to biosolids disposal (e.g., limited disposal alternatives, capacity, cost, lack of science, etc.)?

**Sampling, Monitoring, & Pretreatment**

10. Does your state require sampling for PFAS in biosolids?

Yes

No

If yes, at what frequency? Who is sampling applicable to? What method is used?

11. Does your state require source assessment and reporting based on PFAS concentrations?

Yes

No

If yes, at what trigger levels? What authority does your state use for this requirement?

12. Does your state require source control and reporting based on PFAS concentrations?

Yes

No

If yes, at what trigger levels? What authority does your state use for this requirement?

13. Has your state conducted system-wide monitoring for PFAS in biosolids?

Yes

No

If yes, how frequently?

14. Has your state conducted industry specific system-wide WWTP monitoring for PFAS in biosolids?

Yes

No

If yes, what industries? How many facilities? How frequently?

15. Has your state conducted multi-media monitoring in soil, groundwater, or surface water at or downstream from biosolids land application sites?

Yes

No

16. Does your state have pretreatment standards or voluntary pretreatment programs for PFAS?

Yes, pretreatment standards

Yes, voluntary pretreatment programs

No

Comments

17. Does your state currently, or have a plan to, make monitoring data publicly available for PFAS in biosolids?

Yes

No

If yes, how can it be accessed?

**Testing & Research**

18. What analytical method(s) is your state using to test for PFAS in biosolids?

19. Is this method different from those used to test for PFAS in other media like soil, groundwater, and surface water?

Yes

No

Please Explain

20. Do the labs your state uses have sufficient laboratory capacity to process biosolids sampling?

Yes

No

Please Explain

21. What are the biggest impediments to statewide monitoring and sampling for biosolids?

- Cost (if possible, please explain what costs are associated with monitoring and/or sampling at POTWs below)
- Lab capacity
- Staff resources
- Regulations
- Other (please specify)

Comments

22. What are the most pressing research gaps related to:

Removing PFAS from effluent?

Migration?

Plant uptake?

Human health and ecological risks?

Other:

**Risk Communication**

23. What are some of the key questions and risk communication gaps related to PFAS in biosolids that your state needs support in addressing?

24. Is your state directly engaged with citizens related to land application and/or PFAS? If so, which of the following media are you using:

- Biosolids PFAS resources webpage (provide URL)
- Brochures
- Public Meetings
- Toll free phone number/messages
- Other (specify below)
- None

Comments

25. Do you currently, or have a plan to, make monitoring data publicly available for PFAS in biosolids?

Yes

No

If yes, how can it be accessed?

**Partnerships & Moving Forward**

26. What agencies in your state are you working with on biosolids issues?

27. Please share any thoughts on how ECOS, U.S. EPA, and others can help support your state on dealing with the multifaceted challenges of PFAS in biosolids?