

Microplastics State Survey

General Information

The purpose of this survey is to document which state agencies are collecting data on the impact of microplastics to human health and the environment in the United States. This survey will be foundational to the state technical and regulatory guidance products under development by providing a snapshot in time of the state-of-the-science for microplastics assessments and their potential impacts to human health and the environment.

Note: For the purposes of this survey, the term “sampling” refers to data collection as a part of any site-specific investigations, routine monitoring or other studies involving the collection of environmental media for the purpose of determining the presence, distribution, and concentration of Microplastics. The units normally associated with most contaminants may differ for microplastics. Concentrations may be reported as a number of individual particles under a certain size per unit volume instead of a mass per unit volume.

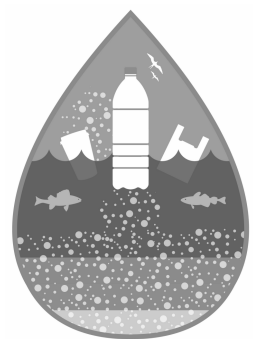
1. Survey Respondent

Name:

Agency:

Phone:

Email:

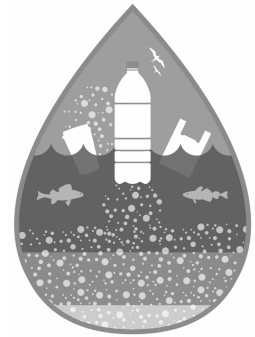


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Occurrence

2. Is your agency currently, or has your agency in the past, conducted sampling for any Microplastics?

- Yes (Skip to question 5)
- No (Skip to question 3)



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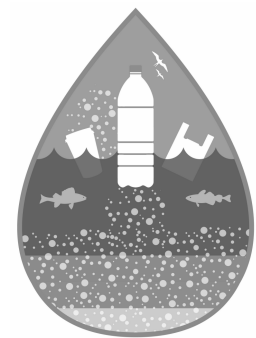
Occurrence

3. Please select the statement that most closely describes your agency's intentions regarding microplastics sampling.

- My agency has not previously monitored for microplastics but is planning to monitor within a year.
- My agency has not monitored and has no plans to do so at the current time.
- Other (please specify)

4. Please select the statements that most accurately describes why your agency does not monitor for microplastics. Please select check all that apply.

- My agency does not have a laboratory. (Skip to question 11)
- My agency laboratory does not have the appropriate laboratory equipment (Skip to question 11)
- My agency does not include this analytical method in our Agency's lab contract (Skip to question 11)
- My agency does not have funding for microplastics sampling. (Skip to question 11)
- My agency does not prioritize sampling for microplastics. (Skip to question 11)
- My agency does not have sampling capability. (Skip to question 11)
- Other (please specify) (Skip to question 11)



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Occurrence

5. My Agency . . . (please select all that apply)

- Has an agency-coordinated microplastics monitoring program.
- Performs targeted monitoring where warranted.
- Hired a contractor to conduct agency-wide microplastics monitoring.
- Is not currently sampling for microplastics but has monitored in the past.
- Other (please specify)

6. Which matrices are or were sampled? Please check all that apply.

- Groundwater
- Drinking water
- Ambient surface water
- Sediment
- Soil
- Air
- Permitted discharges
- Human tissue
- Fish tissue
- Domesticated animal tissue
- Wild animal tissue
- Shellfish tissue
- Agricultural or other plant tissue
- Leachate
- Stormwater
- Biosolids
- Household dust
- Other (please specify)

7. Have any microplastics been reported in water or drinking water above analytical detection limits? Please check all that apply.

- Yes, in drinking water.
- Yes, in groundwater.
- Yes, in surface water.
- Yes, in permitted discharge water.
- Yes, in stormwater.
- Other (please specify)

- No, microplastics have not been detected in water or drinking water above detection limits.

8. Have any microplastics been reported in other abiotic media above analytical detection limits? Please check all that apply.

- Yes, in sediment.
- Yes, in soil.
- Yes, in air.
- Yes, in biosolids.
- Yes, in household dust.
- Other (please specify)

- No, microplastics have not been detected in abiotic media above analytical detection limits.

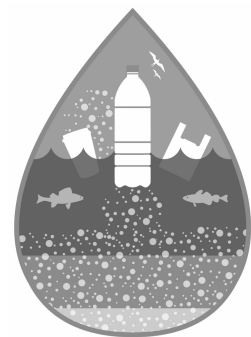
9. Have microplastics been detected in human or animal tissue studies conducted by or for your agency? Please check all that apply.

- Yes, in human tissue.
- Yes, in animal tissue.
- Yes, in plant tissue.
- No, microplastics have been sampled, but not detected in human, plant, or animal tissue.
- No, microplastics have not been sampled in human, plant, or animal tissue.

10. Does your Agency have data on microplastics occurrence and/or sampling methods that can be shared with ITRC for compilation in an ITRC document on microplastics?

- Yes (Please complete the text box below) (Skip to question 11)
- No (Skip to question 11)

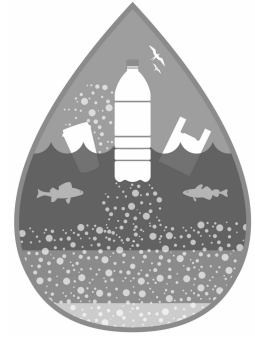
Who should we contact about sharing data? Please provide name, phone and email address.



Status of guidance or rules

11. Does your agency have criteria for microplastics in any media?

- Yes (Skip to question 12)
- No (Skip to question 13)

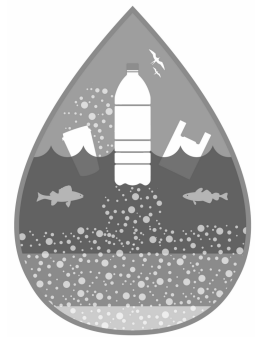


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Status of Guidance or Rules

12. For what media does your agency have microplastics criteria? Please select all that apply.

- Surface water used as a drinking water source. (Skip to question 13)
- In relation to fish and/or shellfish consumption advisories. (Skip to question 13)
- Sources used as drinking water and fish ingestion pathway through water. (Skip to question 13)
- Other (please specify) (Skip to question 13)

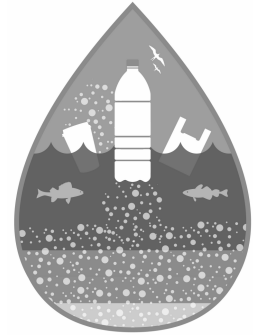


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Status of Guidance or Rules

13. Is your agency currently considering establishing microplastics criteria?

- Yes. (Skip to question 14)
- Possibly. (Skip to question 14)
- No. (Skip to question 16)



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Status of Guidance or Rules

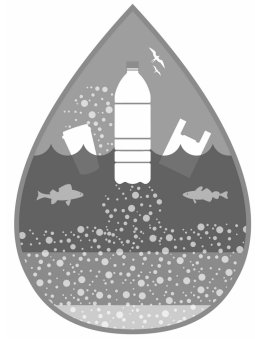
14. What is the rationale for considering a microplastics criteria?

- Proposed legislation.
- Legislative mandate.
- Governor's directive.
- Department-Level initiative.
- Other (please specify)

15. If your agency is planning to develop criteria, what is the timing?

- 0-6 months. (Skip to question 16)
- 6-12 months. (Skip to question 16)
- 1-2 years. (Skip to question 16)
- More than 2 years. (Skip to question 16)
- Other (please specify) (Skip to question 16)

- None of the above (Skip to question 16)



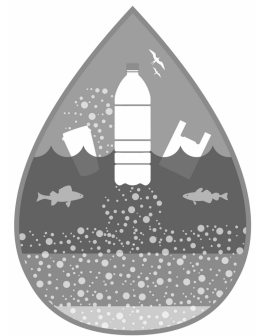
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Status of Guidance or Rules

16. Does your agency have any aquatic life use (wildlife protection) criteria, limits or standards for any microplastics?

- Yes (Please complete the text box below)
- No

Please provide any additional information on aquatic life use or wildlife protection criteria.



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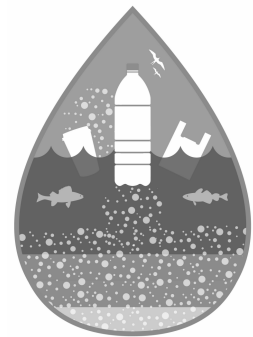
Guidance or Rule Development and Methods

17. How does your agency develop criteria for emerging contaminants, like microplastics?

- Our agency typically adopts the recommended criteria developed by the U.S. EPA.
- Our agency typically has staff (biologist, risk assessors, toxicologist, etc.) and resource to develop criteria.
- Our agency typically contracts extra staff or with consulting groups to develop criteria.
- Our agency typically does not develop criteria.
- Other (please specify)

18. Has your agency put in place any site-specific or permit-specific guidance or restriction to minimize discharges of any microplastics to surface waters?

- Yes (Skip to question 19)
- No (Skip to question 20)

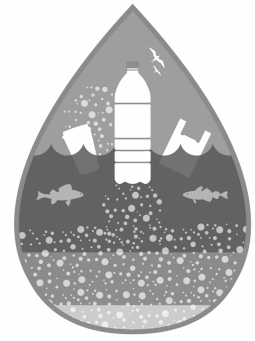


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Current Actions

19. What guidance or restrictions has your agency put in place? Please check all that apply.

- Restrictions on microplastics concentration in discharges from contaminated site treatment or contaminated site stormwater discharges. (Skip to question 20)
- Restrictions on permitted discharges from facilities that manufacture, generate, or use any microplastics. (Skip to question 20)
- Restrictions, guidance, or testing on solid waste facilities/landfill leachate discharges. (Skip to question 20)
- Restrictions, guidance, or testing on discharges from wastewater treatment plants. (Skip to question 20)
- Other (please specify) (Skip to question 20)



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Current Actions

20. Does your agency have any regulations regarding plastic recycling/reuse/disposal? If so, please provide a list and links to those regulations.

- No
 Yes

Please provide a list of regulations and links to the regulations

21. If your agency has developed outreach tools to evaluate microplastics, please provide links in the appropriate boxes below.

Fact sheets

Standard Operating
Procedures for sampling
and analysis

Webinars or videos

Social media tool kits

Case studies

Checklists

Posters

Statement of Qualification

22. What type of resource could ITRC produce to assist with microplastics? Please check all that apply.

- Fact sheets
- Standard Operating Procedures for sampling and analysis
- Webinars or videos
- Social media tool kits
- Case studies
- Checklists
- Posters
- Statement of Qualification