

NEW JERSEY CLEAN WATER COUNCIL 2023 PUBLIC HEARING

PFAS Compounds in Water and Wastewater Residuals

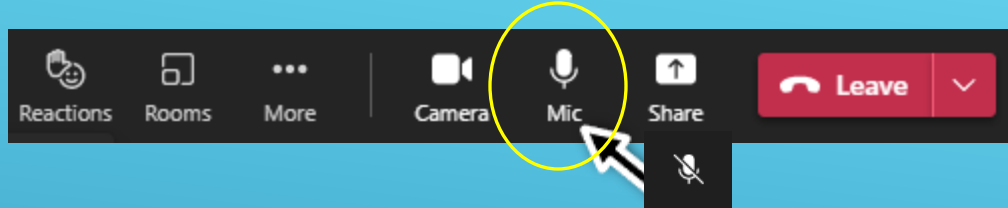
January 19, 2023

1:00 pm- 3:00 pm

Virtual Teams Meeting

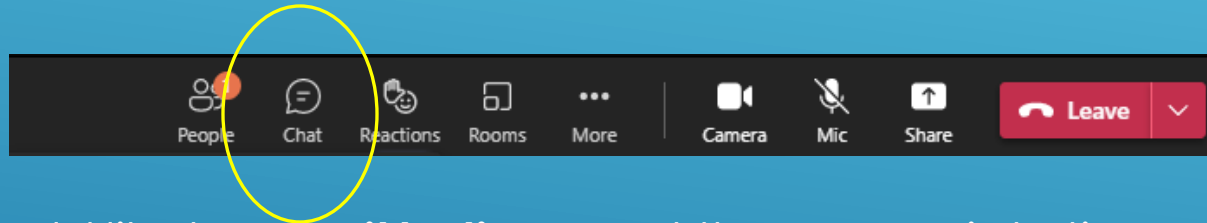


Ground Rules:



For the best audio quality, please stay **muted** unless you have been called upon for comment.

If you are using a phone, you can hit *6 to mute and unmute.



If you would like to **submit testimony**, at the appropriate time:

- Please place your intent to testify (with your name and organization) in the chat.
 - If you are testifying by phone, we will pause to solicit those intentions

A DEP staff member will call on you.

- When called upon, please state:
 - **Your First and Last Name**
 - **The Organization you are representing**
- After you are finished speaking, please re-mute yourself.

- Please remain on mute unless called on to testify.
- **This meeting is being recorded.**
- Please send written comments by January 27th to CWC@dep.nj.gov

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PFAS COMPOUNDS IN WATER AND WASTEWATER RESIDUALS

Agenda

- I. Introduction
- II. Keynote Speaker
- III. Presentation by EPA
- IV. Presentation by State of Michigan
- V. Public Testimony

To Provide Public Testimony

Please place your intent to testify (with your name and organization) in the chat.

Example:
Testify - Jennifer Feltis, NJDEP



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PUBLIC TESTIMONY

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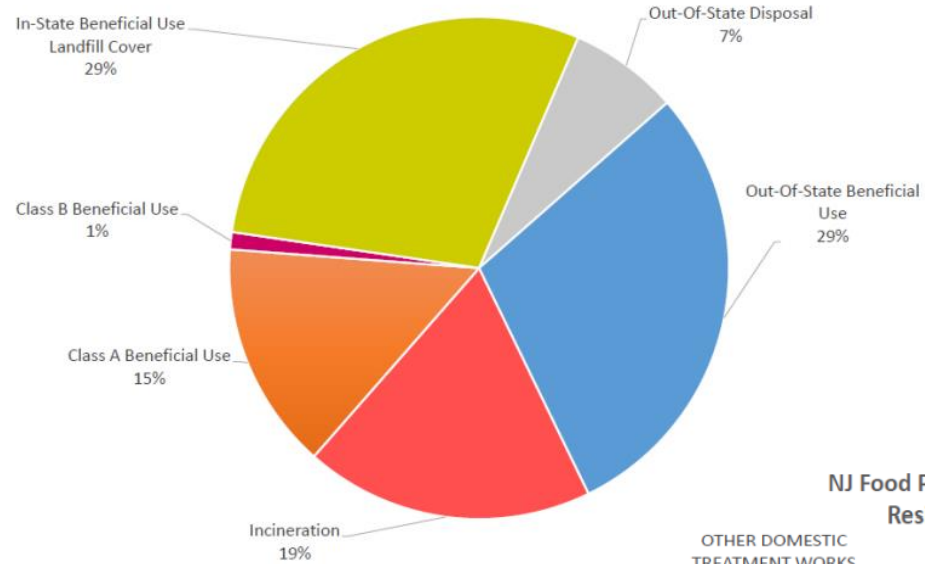
1. In New Jersey, municipal and industrial residuals are managed by a number of alternatives as depicted (on next slide) in Figures 1 – 3.
 - Which residuals type (domestic or industrial) and/or management alternatives should the Department prioritize to further investigate and understand potential impacts to ground water or surface water?
2. The USEPA risk assessment for the PFAS land application criteria is under development with an anticipated completion date of winter 2024.
 - Should the Department require land appliers and preparers of residuals for land application to begin collecting data now to better understand the impacts of land application? Why or why not?
 - If so, what data should these entities collect?
3. Most residuals generators range in size based on NJPDES permitted design flows for POTWs and based on sludge production for industrial facilities. There are hundreds of residuals generators, and each will likely receive monitoring requirements in future NJPDES permits.
 - How should the Department prioritize its efforts to establish monitoring requirements for residuals generators?
 - What factors should be considered in this prioritization (e.g., volume of residuals generated, strength of wastewater)?
4. Technologies are evolving for PFAS reduction in residuals.
 - What specific technologies are available today to treat or manage residuals for PFAS reduction?
 - For these technologies, what is the effectiveness and cost?
 - What secondary impacts, such as air emissions, could potentially result from the use of treatment technologies?
 - Are you aware of any evolving technologies that may become available?

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NJ Domestic Residuals Management Methods (2021)



NJ Industrial Residuals Management Methods (2021)

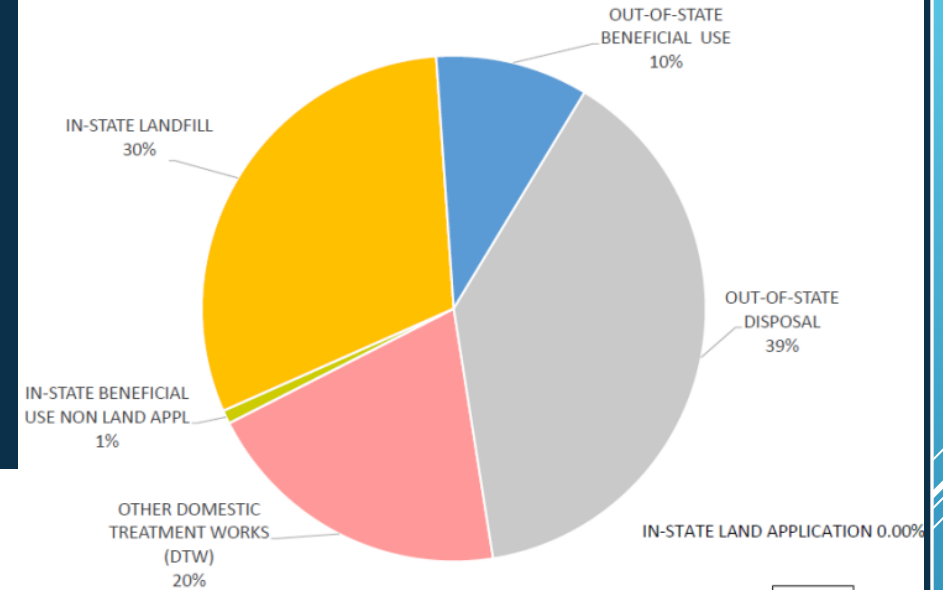


FIGURE 2

NJ Food Processing Residuals and Water Treatment Residuals Management Methods (2021)

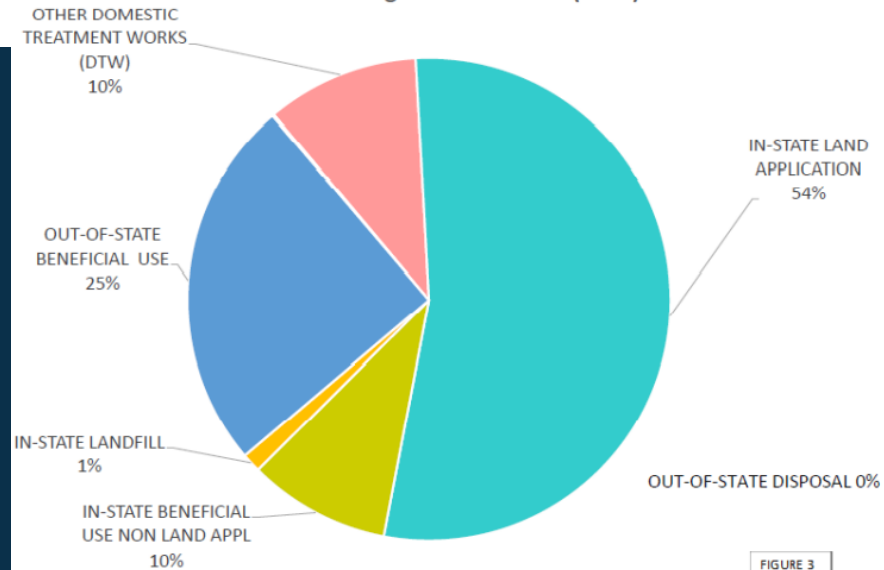


FIGURE 3

THANK YOU!

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Please send written testimony to
CWC@dep.nj.gov by January 27, 2023

