

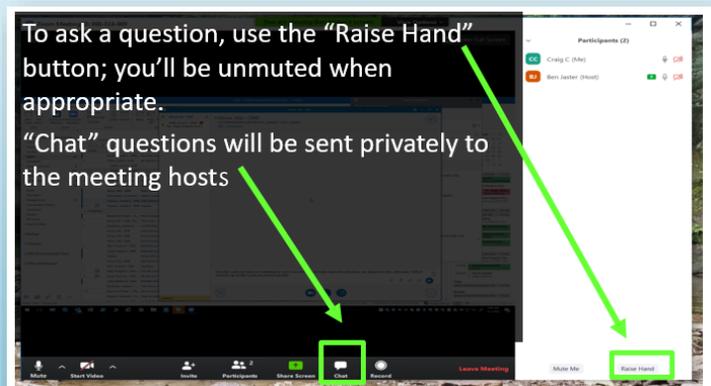


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What to Expect during this Listening Session

Zoom Meeting Logistics

- All attendees are automatically muted when they join the call
- Joining by **web**:
 - **During the presentation** – use **'chat'** feature to type questions
 - **After presentation** – use the **'chat'** feature *or* **'raise hand'** feature to request to be unmuted to ask a call
- Joining by **phone**:
 - *6 mute/unmute
 - *9 raise hand



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Team Members

DNR - Remediation and Redevelopment

- Bridget Kelly, Emerging Contaminants
- Christine Haag, Director
- Alyssa Sellwood, Project Manager
- Jodie Peotter, Brownfields, Outreach and Policy Section Chief
- Trevor Nobile, Field Operations Director
- Jenna Soyer, Program and Policy Operations Director

DNR - Drinking Water And Groundwater

- Kyle Burton, Field Operations Director

DNR - Water Quality

- Heidi Schmitt-Marquez, NER Supervisor
- Alexis Peter, Wastewater Specialist
- Laura Gerold, Wastewater Engineer
- Adrian Stocks, Director

Department of Health Services

- Brita Kilburg-Basnyat, Toxicologist
- Amanda Koch, Health Educator

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Staying Connected

- 16th in series of sessions
 - [Previous meeting recordings available](#)
- Website and FAQs
 - [DNR homepage](#) → search 'PFAS Marinette'
 - [Sign-up for email updates](#) →

SUBSCRIBE to Marinette and Peshtigo area PFAS contamination updates.

Other options for contacting DNR

- [Call \(888-626-3244\)](tel:888-626-3244) or
- [Email DNRJCIPFAS@wisconsin.gov](mailto:DNRJCIPFAS@wisconsin.gov)

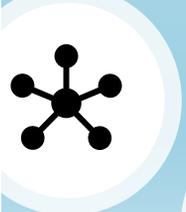


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Agenda

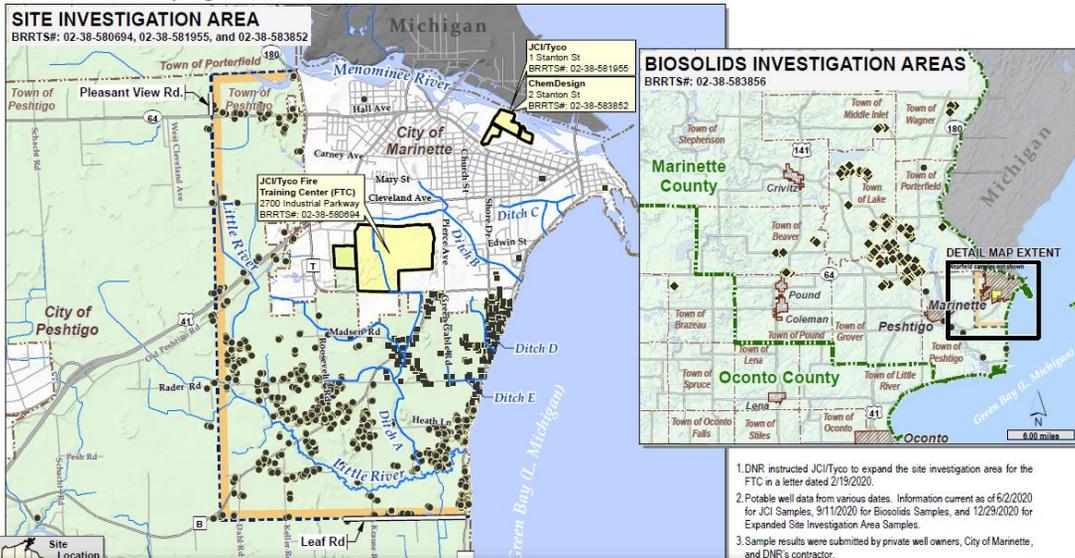
- DNR Drinking Water Wells ESIA
- Long Term Water Update
- GETS Updates
- Signs/Communications Updates
- Biosolids Landspreading Fields Investigation
- Question + Answer Session



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Marinette, Peshtigo and Surrounding Areas PFAS Investigations Potable Well Sampling



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Temporary Alternative Water – ESIA

- DNR will continue to provide water to impacted residents



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Long Term Water Options

Municipal Water

Deep Wells

POETS

DNR's Role

JCI/Tyco's Role

Other Roles

TOP's Role

Impacted Residents

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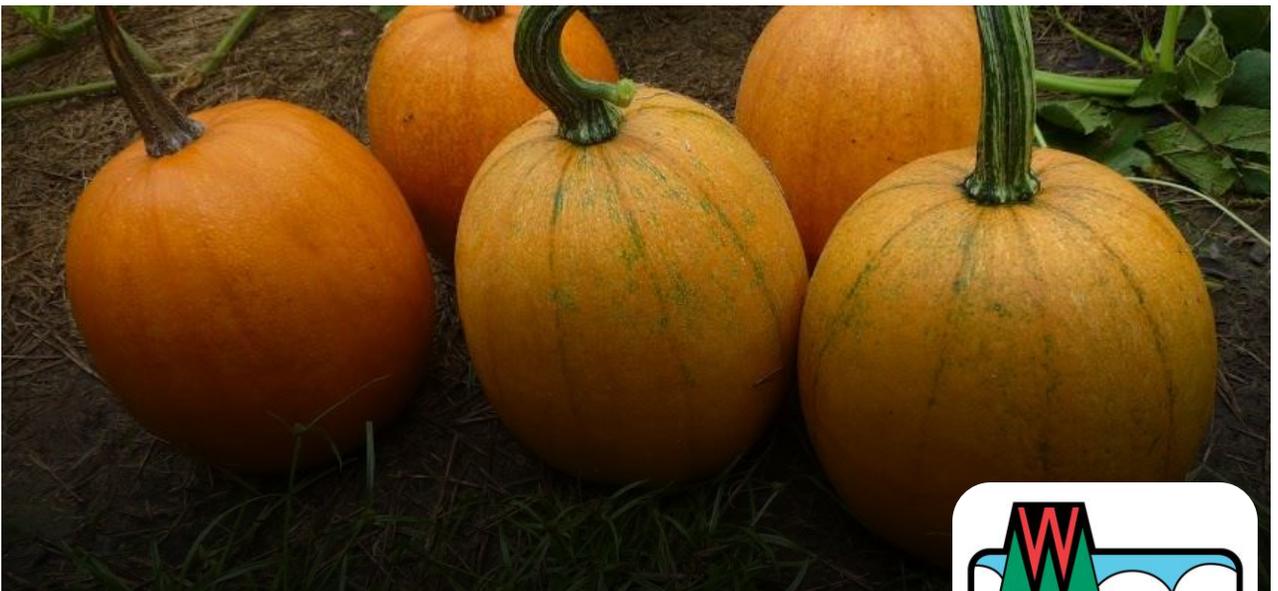
Long Term Water Updates

- Professional mediator to assist in bringing parties together
- DNR selected mediator
- Kick-off meeting
10.19.21
- Next Steps



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Groundwater Extraction and Treatment System (GETS)



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GETS Update

- Construction Underway
- Baseline Sampling Fall/Winter
- System Start-up Anticipated Spring 2022



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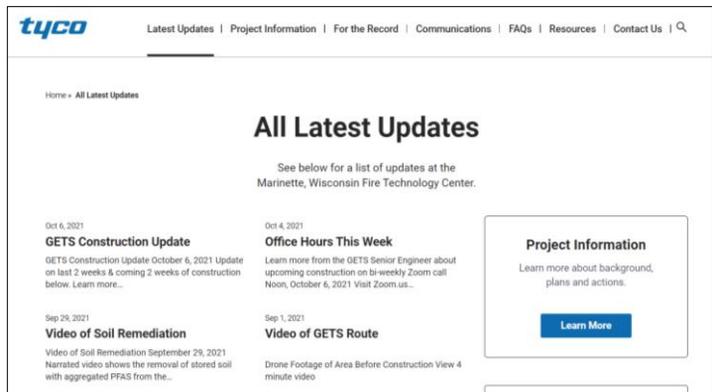


GETS Updates:

<https://tycomarinette.com/latest-updates/>

Recent Actions

- ✓ Construction
 - Access Roads
 - Treatment Building
 - Wells
 - Horizontal Drilling
- ✓ Materials Management Plan Approved 10/6/21
- ✓ Office Hours & Website



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Signs – Communications



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Communications

- Community engagement
- Access to internet?
- Share project progress
- Inform about risks

**Groundwater Extraction & Treatment System (GETS)
The Construction Phase**

GETTING TO SAFE GROUND & SURFACE WATER

Community Engagement Activities
Tyco's PFAS Remediation Projects

Tyco recently began construction to implement our Groundwater Extraction & Treatment System (GETS). Also, our contractor is removing soil containing PFAS stored at the Fire Technology Center (FTC). To share details concerning these actions to remove the PFAS from our historic activities at the FTC, we are enhancing our community engagement activities.

Tyco will also be sharing information via:

- Continued newspaper ads in the *Eagle Herald* & *Peshigo Times*
- Interviews with local reporters at the newspapers and Bay Cities Radio
- "Office Hours" – Zoom call with GETS Project Senior Engineer Kirk Craig and interested neighbors starts 9/8/21 and repeats every 2 weeks
- "Community Crew" – events that provide an in-person look at construction in progress or input at 715-582-7100.
- Videos showing soil remediation and drone footage of GETS route

Thank you in advance for your patience during construction. You can email or call us with any questions or input at 715-582-7100.

To sign up to receive email updates, you can subscribe at www.tycomarquette.com.

To get updates in the mail, please call 715-582-7100 and request to be put on our mailing list.

KEY PROJECT ELEMENTS

- Long-Term Monitoring Wells & Ditch Gauges
- Access Road
- Conveyance Pipes
- Extraction Wells
- Treatment Building

Work is underway and GETS is expected to be operating by the end of 2021 and fully operational by the first half of 2022.

Learn more at tycomarquette.com

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Surface Water Advisory Signs

1. Add Locations
2. Update Look

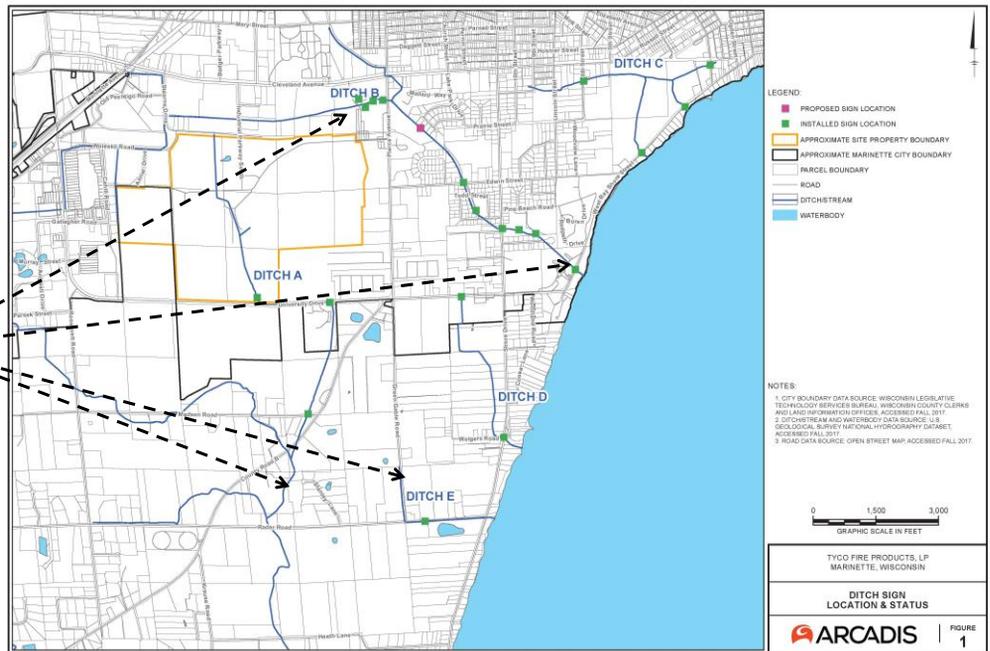
Link to Sept. 9, 2021 Letter to JCI/Tyco

<https://dnr.wi.gov/botw/DownloadBlobFile.do?docSeqNo=205695>

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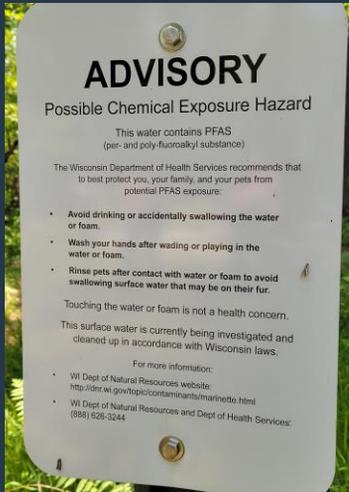
Add Locations & Post on Both Sides



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Current Sign



New Sign



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For PFAS and health questions:

608-266-1120

DHSEnvHealth@dhs.wisconsin.gov

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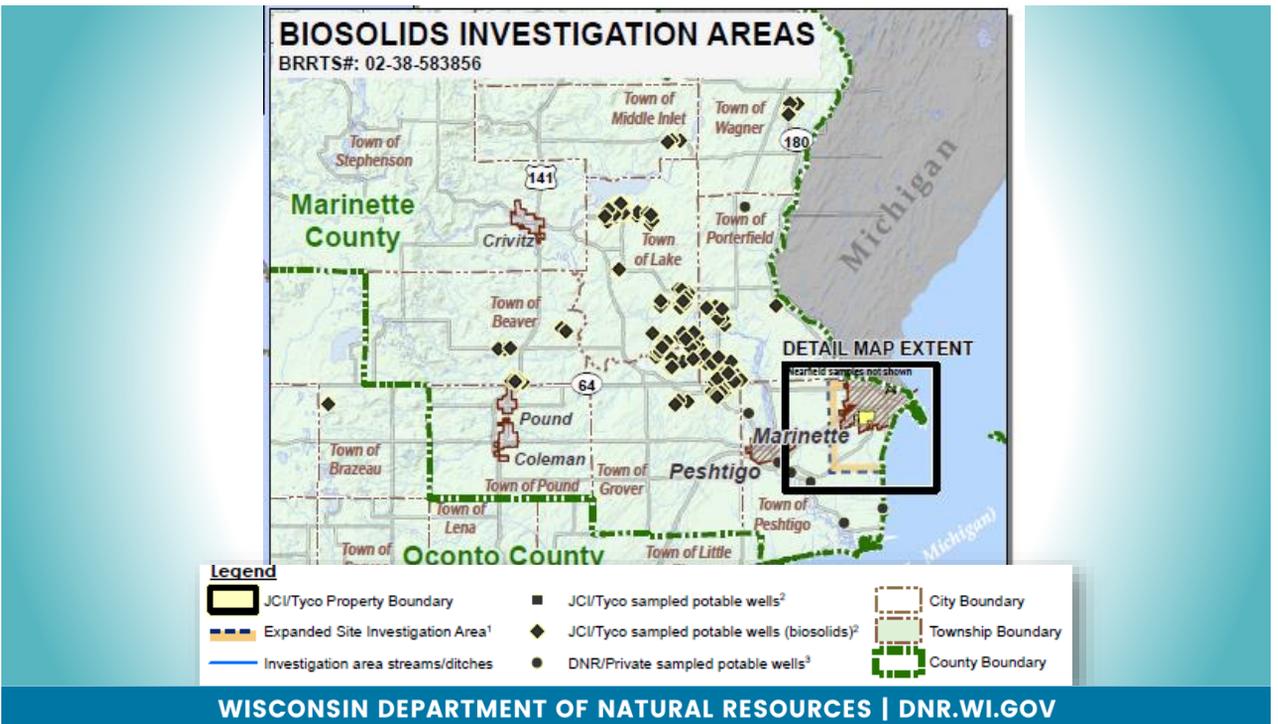
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City of Marinette (CoM) Biosolids Landspreading Fields

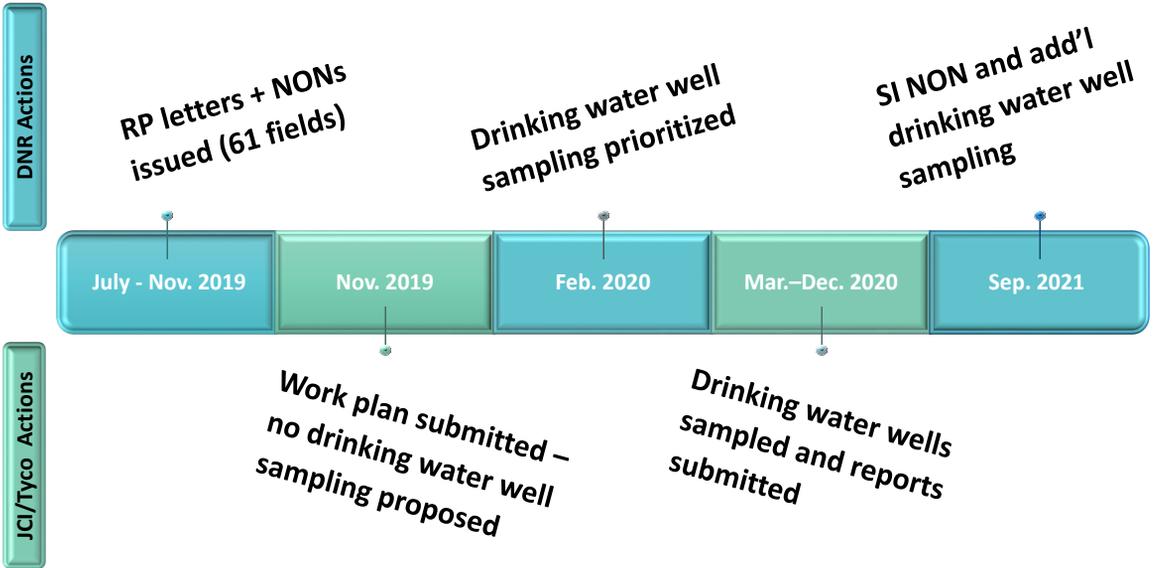


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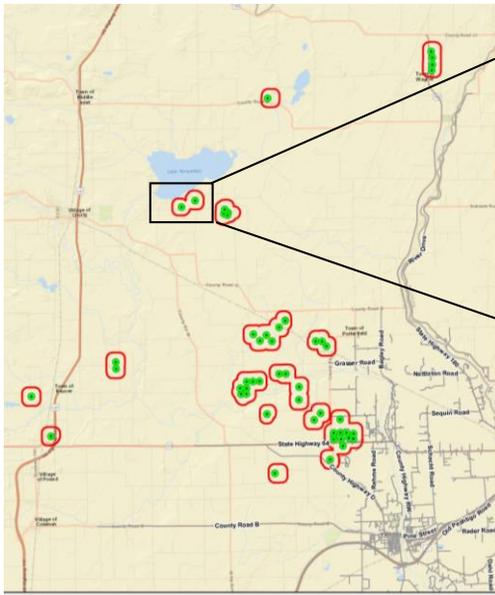
CoM Biosolids Landspreading Fields - Background



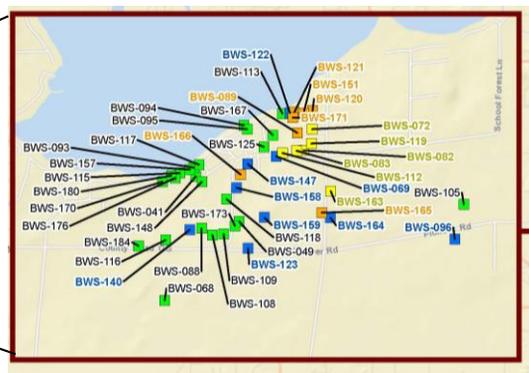
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CoM Biosolids Landspreading Field Areas



Private Well Testing Results



| CRITERIA | # WELLS |
|------------------------------|---------|
| No PFAS Detected | 31 |
| PFAS < Cycle 11 and HI < 1.0 | 130 |
| PFAS ≥ Cycle 11 or HI ≥ 1.0 | 30 |

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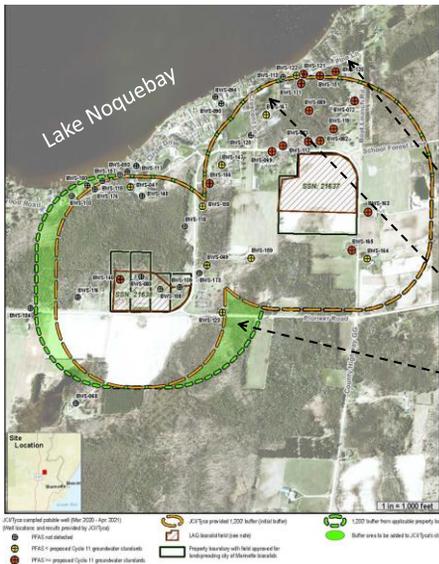
<https://www.epa.gov/privatewells/learn-about-private-water-wells>

CoM Biosolids: Potable Well Sampling

1. Look if additional wells need testing
2. Monitor for changes if PFAS concentration
3. Communicate plans to owners

Link to September 14, 2021 Letter to JCI/Tyco

<https://dnr.wi.gov/botw/DownloadBlobFile.do?docSeqNo=208901>



CoM Biosolids: Additional Wells Need Testing?

1. Step out from wells with PFAS \geq DHS Cycle 11 recommended standards or Hazard Index \geq 1.0
2. Reoffer sampling if previously declined
3. Evaluate if other wells in buffer



CoM Biosolids: Technical Evaluations



Making sense of private well results

- Biosolids rates, year and volumes
- Geology, soil types and groundwater flow
- Well construction and location
- PFAS composition, variation and sources

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CoM Biosolids: Site Investigation



Determine the degree and extent of PFAS contamination from land applied biosolids

- Sample for PFAS near landspreading fields
 - Soil
 - Groundwater
 - Surface water
- Evaluate for other PFAS sources
- Compare to background levels

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Staying Connected

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Staying Connected

- Website (*Actions Tab*)
- EMAIL subscription list (*updates on recent actions*)
- BRRTS (*search database*)
- Email (*DNRJCI PFAS@wisconsin.gov*)
- Hotline (*888-626-3244*)
- Listening Sessions

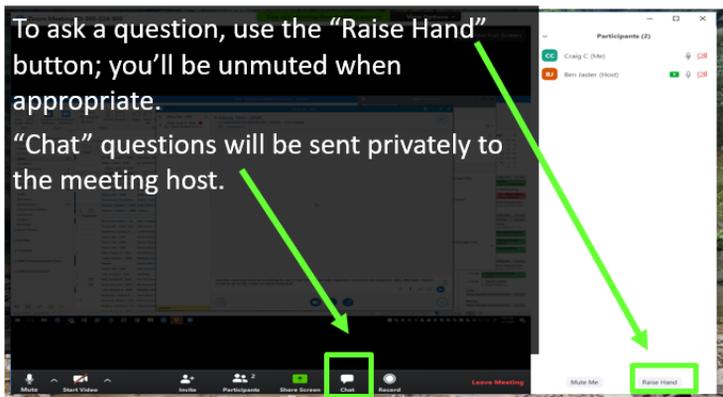


Upcoming Meetings
 January 19, 2022
 April 20, 2022

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To ask a question, use the “Raise Hand” button; you’ll be unmuted when appropriate.
 “Chat” questions will be sent privately to the meeting host.

- Use the ‘chat’ feature *or* ‘raise hand’ feature to request to be unmuted to ask a call
- If you are joining by phone:
 - *9 raise hand
 - *6 unmute/mute

Ground Rules – Listening Session

- 3-mins per person → everyone has the opportunity to voice concerns
- Keep comments constructive
- Attack the problem not the person

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CONNECT WITH US

Call: (888-626-3244)

Email:
DNRJCIPFAS@wisconsin.gov



/WIDNR



@WIDNR



@WI_DNR



/WIDNRTV



"WILD WISCONSIN:
OFF THE RECORD"