

Public Meeting

WISCONSIN PUBLIC SERVICE WESTON DISPOSAL SITE NO. 3 COAL COMBUSTION RESIDUAL LANDFILL INITIAL PERMITTING

Tony Peterson, DNR Contact and Content Expert

Matt Bachman, Content Expert

Malena Grimm, DNR Hearing Officer

January 7, 2025

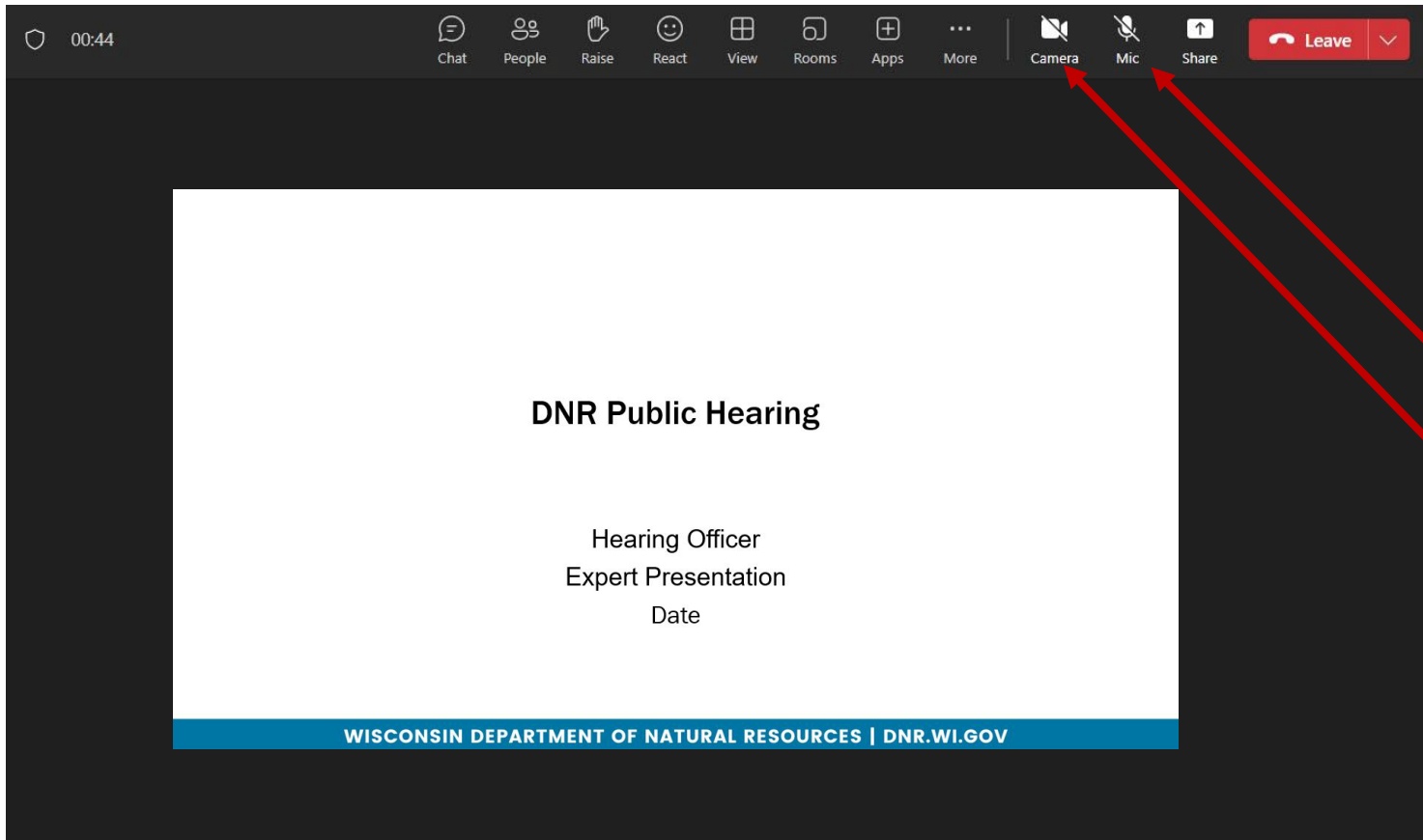
Reason for meeting:

Plan of operation modification report for initial permitting

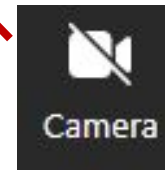
s. NR 514.045, Wis. Adm. Code

- Requires submittal of a plan of operation modification
 - Demonstrations for performance, locational, design and monitoring criteria
 - Updated sampling plan, fugitive dust control plan, run-on/run-off control plan, closure and long-term care plans
- Completeness review, *public meeting*, and 60-day public comment period
- Draft decision and response to comments will be posted online

Attendees Using Teams

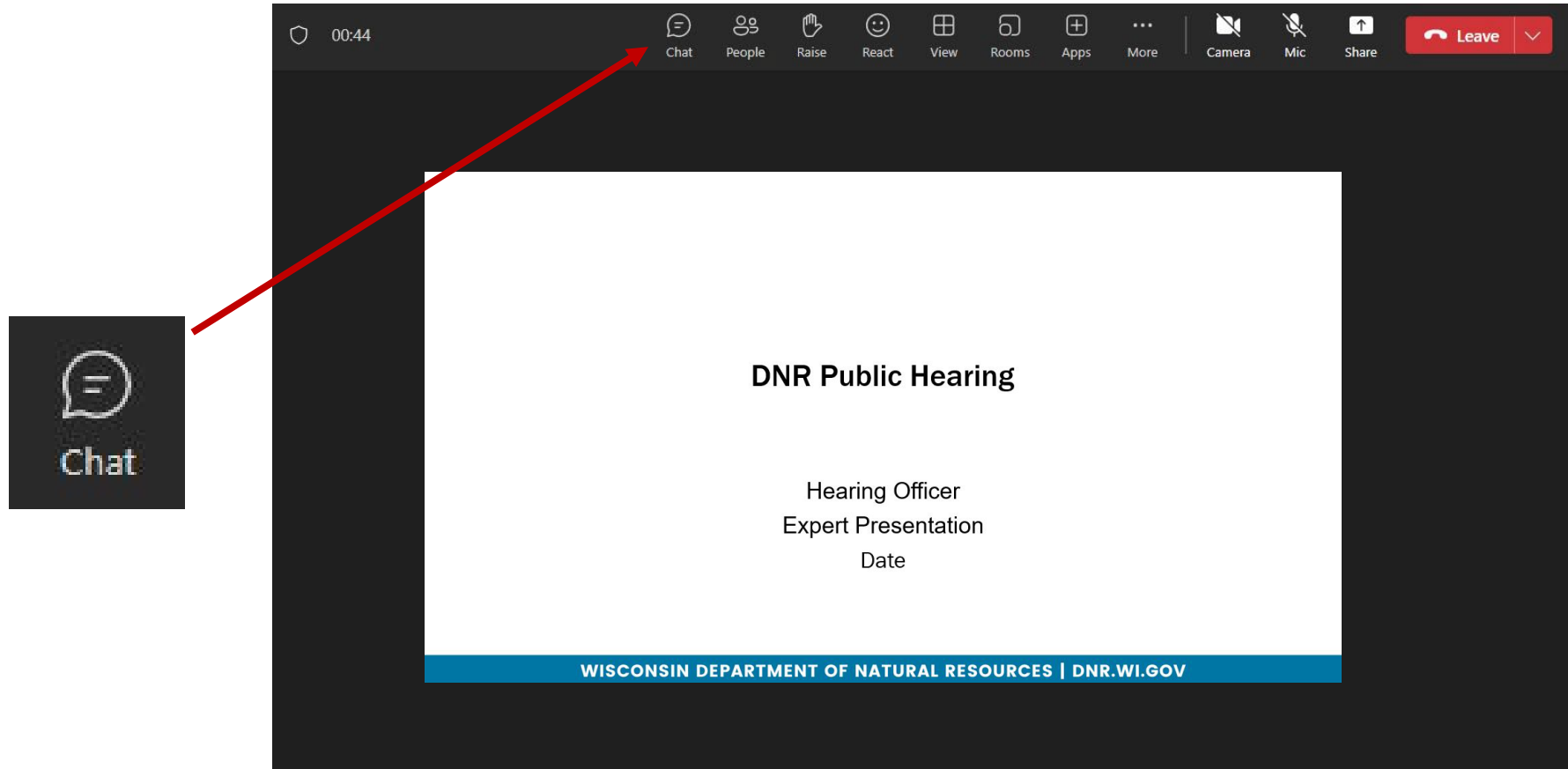


- You are currently **muted**
- You cannot share video



For Assistance with Teams

Use the **Chat** feature to contact the Teams Host with technical questions



Comments

Comments on the proposed rule must be received on or before January 27, 2025.

Written comments should be submitted to:

Attn: Tony Peterson

Department of Natural Resources

141 NW Barstow St. Room 180, Waukesha, WI 53188

anthony.peterson@wisconsin.gov

Where to find Dairyland Power Phase IV Alma Submittal Documents

Refer to the Waste Program Public Comment webpage:
<https://dnr.wisconsin.gov/topic/Waste/Comment.html>

Documents prepared by the DNR:

- [Public Notice \[PDF\]](#)
- [Coal Combustion Residual Plan Modification Completeness Determination Letter \[PDF\]](#)

Documents prepared and submitted on behalf of the applicant:

- [Plan of Operation Modification – Part 1 \[PDF\]](#)
- [Plan of Operation Modification – Part 2 \[PDF\]](#)
- [Plan of Operation Modification – Part 3 \[PDF\]](#)
- [Plan of Operation Modification – Part 4 \[PDF\]](#)
- [Plan of Operation Modification – Part 5 \[PDF\]](#)
- [Plan of Operation Modification – Part 6 \[PDF\]](#)

For information, contact:

[Tony Peterson](#)

Engineer



Weston Disposal Site No. 3

Virtual Public Meeting | Jan. 7, 2024

Agenda

Presenter

John Trast

GEI Consultants

- Permit history
- Construction and operation history
- Overall landfill summary



Permit history

Feb. 11, 1986 – Landfill Feasibility Determination issued by WDNR

Oct. 20, 1986 – Plan of Operation approval for 27.5-acre, 873K CY landfill

- Permitted under NR 180 Solid Waste Management; (preceded NR 500 regulations)
- Complied with NR 500 Solid Waste regulations that went into effect January 1988

Dec. 18, 1990 – Construction approval for Phase 1 of landfill

- Landfill operational but beneficial reuse diverts ash to asphalt, concrete and CWA

Dec. 19, 2013 – Landfill Feasibility Determination for proposed vertical and horizontal expansion of the landfill issued by WDNR

- The new landfill would be composite lined and covered to comply with federal CCR rules

Permit history

Dec. 11, 2014 – Plan of Operation Modification approval – entire new landfill

- Approval for a 57.6-acre, 4.08M CY landfill to be development in 13 cells. Construction included new tank, improved access road, new stormwater management
- Gradient control system to maintain GW separation, composite base liner system 2 feet compacted clay, GCL, geomembrane and leachate collection system
- Composite final cover system compacted clay or soil barrier layer/GCL, geomembrane, 30 inches rooting zone and 6 inches topsoil

Feb. 1, 2023 – CCR Landfill Plan of Operation modification for Initial Permitting

- Original submittal Jan. 31, 2023, revised submittals Dec.19, 2023; and Aug. 23, 2024
- WDNR completeness determination Nov. 21, 2024

Landfill construction and operation history

Original landfill construction and operation

- Cell 1 – Constructed December 1990, placed into operation; temporary GM cover 1992
- Beneficial reuse projects redirect ash to asphalt, concrete and CWA Safetyway Project 1991-2010
- Cell 1 exhumed and all waste removed and disposed at commercial landfill

Updated landfill facility:

- Cell1 and Cell 2 – Constructed April 2016
- Cell 2 – Placed into service June 2016 and partial final cover constructed in 2017 and 2020
- Cell 1 – Placed into service August 2021

Overall landfill summary

Landfill – original permitting: 1986-1987

- Landfill feasibility 1986
- Plan of Operation approved 1986
- Originally 27.5-acre, 873K CY landfill
- Compacted clay liner (5 feet thick)
- Leachate collection system
- Compacted clay cover (2 feet thick)
- Cover soils (2 feet thick + 0.5 feet topsoil)

Landfill – updated permitting: 2010

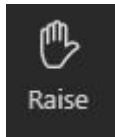
- Vertical and horizontal expansion, 57.6 acres, 4.08M CY
- Entire original landfill exhumed and disposed at commercial landfill off-site
- Composite base liner and final cover system


CCR – updated design: 2024

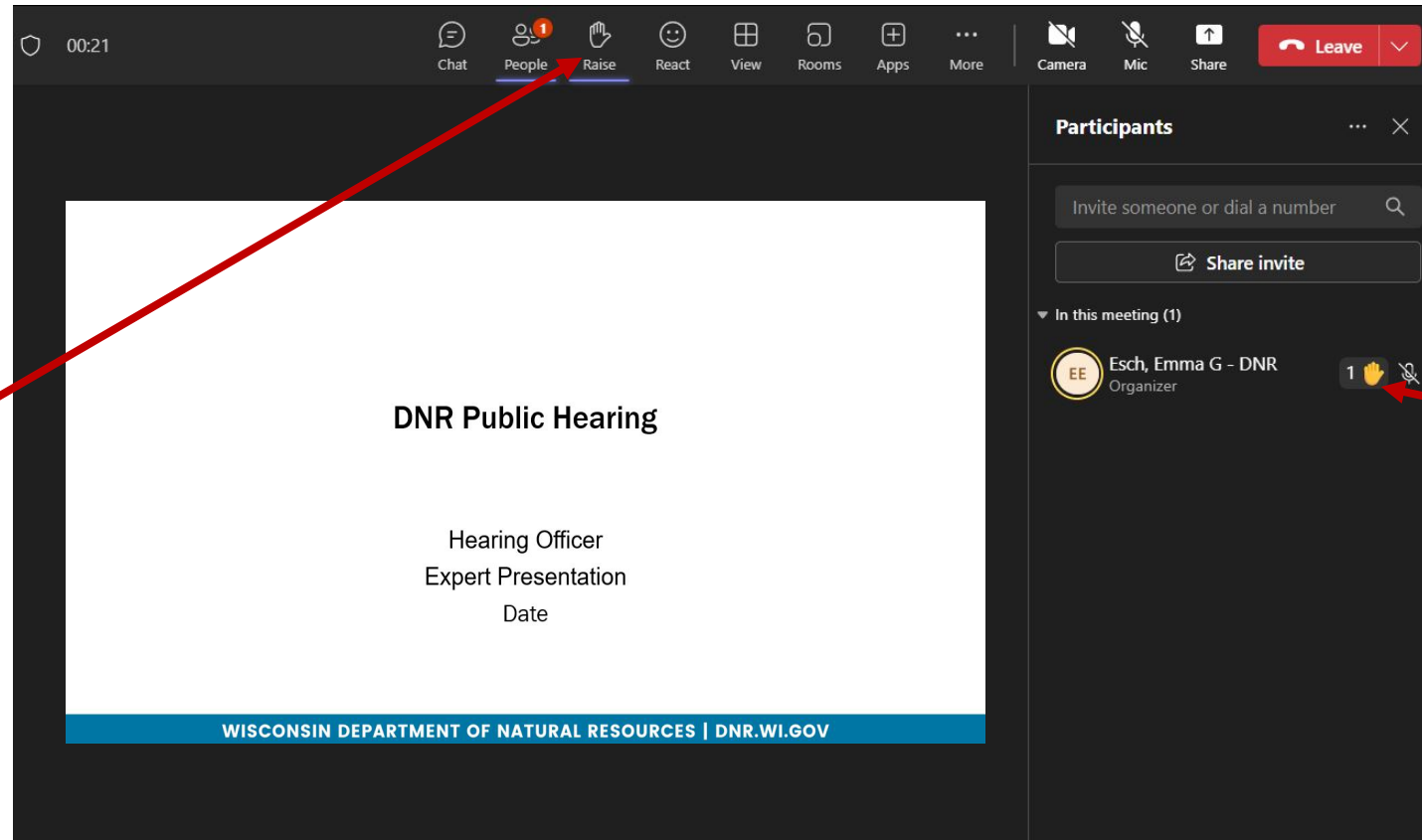
- Liner and cover systems were in compliance with new rules
- Final cover geomembrane and 36 inches of soil

Meeting Logistics (Teams): Raising Your Hand

If you'd like to comment, click **Raise Hand**.



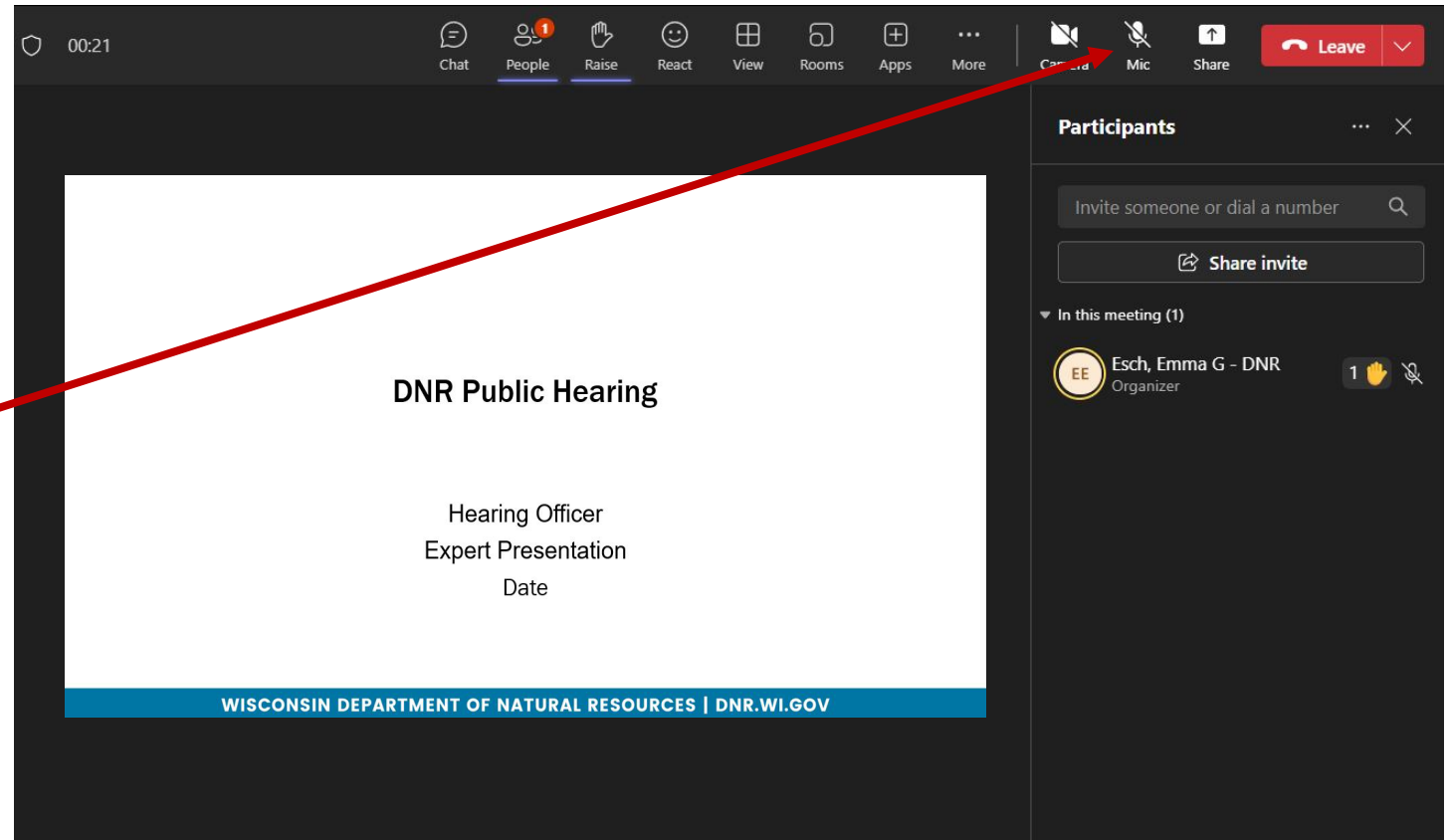
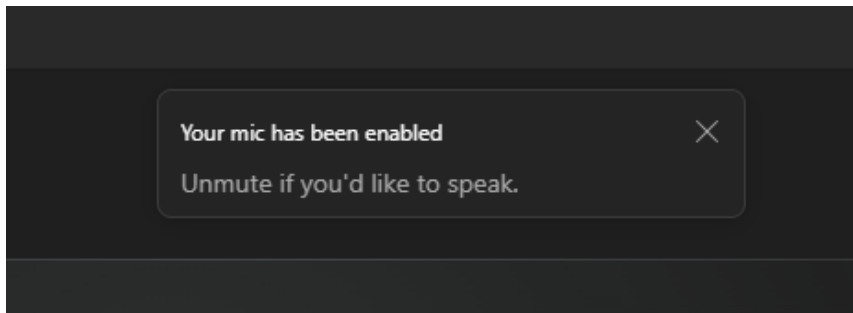
 By phone:
Dial *5 to raise hand.



A "Raised Hand" icon will appear next to your name in the "People" window.

Meeting Logistics (Teams): Unmuting

You should receive a pop-up “*Your mic has been enabled*”, then *click Unmute*.



By phone:
You'll be prompted to unmute by dialing *6.

Oral comments

- Public testimony
 - Please state your name and address for the record
 - Make your statement for the record
 - A written comment of your testimony is also appreciated

Written comments

Comments must be received on or before January 27, 2025. Written comments may be submitted by U.S. mail or email and will have the same weight and effect as oral statements presented today.

Written comments and any questions should be submitted to:

Attn: Tony Peterson

Department of Natural Resources

141 NW Barstow St. Room 180, Waukesha, WI 53188

(715) 491-8546

anthony.peterson@wisconsin.gov

Documents may be viewed at:

<https://dnr.wisconsin.gov/topic/Waste/Comment.html>

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