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Vapor Intrusion Subgroup

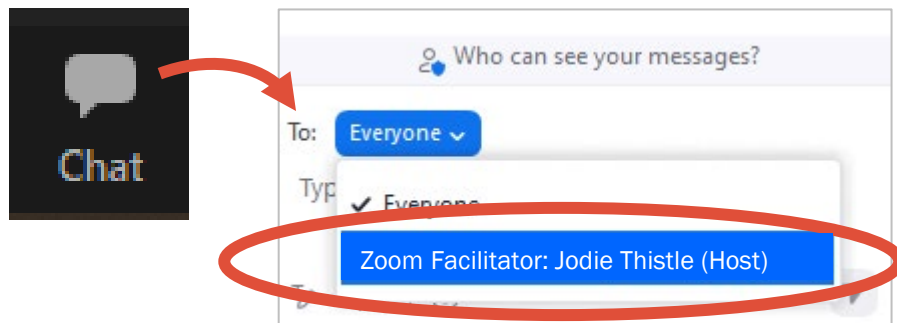
REMEDICATION & REDEVELOPMENT
EXTERNAL ADVISORY GROUP
Wednesday, Feb. 28, 2024

Zoom Meeting Logistics

All attendees are muted

Written Comments/Questions

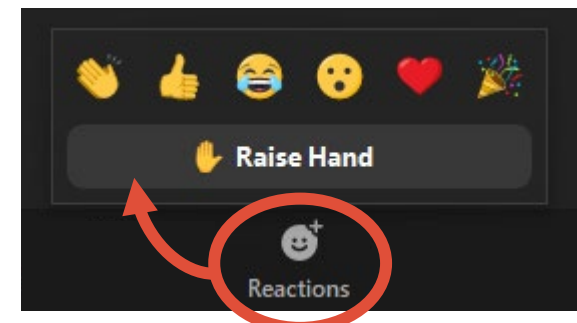
- Use **chat** and select Zoom facilitator in the “To” dropdown
- Remarks will be read out loud by facilitator



(direct message)

Verbal Comments/Questions

- **Raise hand** to request a turn to talk (* 9 on phone)
- Please unmute when your name is called (*6 on phone)



Agenda

- Introductions
- DNR Updates
- Approved Work Plan
- Ad Hoc Committee
 - Mitigation Contractor Certification
 - Local Government Outreach and Education
- Next Steps and Assignments

Find agenda and meeting materials
at [dnr.wisconsin.gov/topic/
brownfields/rreag](https://dnr.wisconsin.gov/topic/brownfields/rreag)
under “meetings”

Introductions



hello!

Future Meeting Dates

Sign up
to receive notifications for RR EAG
and subgroups
dnr.wi.gov/topic/brownfields/rreag

RR EAG – April 11, 2024

- 1 – 4 p.m.
- Madison GEF 2

Subgroup Series – May 29, 2024

- 10 a.m. – 5:30 p.m.
- Madison GEF 2

RR EAG – July 25, 2024

- 9 a.m. – noon
- Milwaukee DNR Service Center

DNR Updates

- Vapor Intrusion Communication Mapping with DNR, Dept. of Health Services (DHS) & city of Milwaukee – initiated Jan. 2024
- Telemetry Fact Sheet development – initiated Feb. 2024
- Rule Advisory Committee – initial meeting held Feb. 23, 2024
 - Continuing Obligations (including vapor mitigation systems at interim action)
 - Next meeting – April 12, 2024, 9-11 am
 - [NR 700-799 Rule Changes | | Wisconsin DNR](#)

Approved Work Plan - Review

SUBGROUP: Vapor Intrusion

Remediation and Redevelopment External Advisory Group



PURPOSE/OBJECTIVE

The Wisconsin Administrative Code chs. 700-799 (“NR 700”) rules are the road map for the restoration of contaminated sites in Wisconsin. Relevant program policies and guidance that promote consistent application of NR 700 rules and protection of public health from environmental contamination are essential to the RR Program’s success and sustainability. A current priority area is proactive training and outreach for awareness of potential chemical vapor intrusion (VI) from reported and unreported contamination. To serve that purpose, the objectives of the VI subgroup are to:

- (1) advise on legislative action related to vapor intrusion affecting the RR Program,
- (2) enhance outreach and training with the regulated community & related professions, including municipalities, responsible parties, affected property owners, environmental consultants, mitigators, realtors, bankers, insurance companies
- (3) assure best management practices are utilized for mitigation of vapor intrusion, and
- (4) enhance resources for more efficient communications related to vapor intrusion.

Meeting these purposes/objectives includes providing recommendations for implementation that consider and incorporate environmental justice.

DELIVERABLES AND MILESTONES

- Training and outreach for municipalities to develop better relationships with communities and provide tools for consideration of vapor intrusion at many stages (e.g., occupancy to consider all environmental hazards, redevelopment, permitting, planning).

SUBGROUP: Vapor Intrusion

Remediation and Redevelopment External Advisory Group



- Development of timeline and process for mitigation, commissioning and documentation with recommendations for occupancy.
- Outreach or fact sheets for occupants about general chemical use related to VI.
- Training and outreach for off-site property owners, including people with no or limited English language proficiency.
- Uniform reporting format for sharing building-specific results with diagrams.
- Mitigation regulation through certification.
- Education and incentives for telemetry.
- Framework to increase compliance with long-term stewardship of vapor mitigation systems including on-line reporting for confirmation of system effectiveness.
- Database and mapping tools that communicate with municipality databases, in service of increasing the consideration of vapor intrusion at all stages of municipal work.
- Training tools and resources on environmental contamination concerns, health risk from vapors, need for mitigation systems, continuing obligations and RR database (BOTW/RRSM) for real estate agents, bankers and insurance agencies.
- Enhance partnership with Department of Safety and Professional Services (DPS) regarding regulated entities related to VI (e.g., building inspectors, plumbers, electricians).
- Enhance partnerships with Department of Health Services (DHS) and Department of Children and Families (DCF) regarding radon in relation to potential chemical vapor intrusion.

EXPECTED OUTCOMES

- Provide advice on VI legislative actions affecting the RR Program.
- Provide feedback on needed and proposed policy revisions.
- Enhance partnerships with state agencies and other stakeholders.
- Regulate mitigation by creating certification framework or program.
- Enhance database and reporting for the DNR and municipalities.
- Incorporate environmental justice into policy revisions and implementation.
- Increase training about environmental contamination, continuing obligations and RR databases for a variety of stakeholders (e.g., municipalities, mitigators, realtors, bankers, insurance agencies).

Ad Hoc Committee Update - Local Government Outreach & Training – Initial Meeting Feb 7, 2024

- Local governments, consultants, developers & DNR represented (DHS unavailable)
- Vapor mitigation system design, install, commission, and documentation timeline (visual) needed for local governments
- Local governments do not understand how LGU Exemption applies to VI issues
- Local government inspections required for HVAC, fire safety, elevators, etc. – environmental health?
- Existing training & outreach avenues discussed
- State & local requirements for other development discussed
- Next steps

Ad Hoc Committee Update - Mitigation Contractor Certification – Initial Mtg Feb. 8, 2024

- Consultants, mitigators, DNR & DHS represented
- AARST/Indoor Environments Assoc (IEA) & Midwest Chapter
- IA, IL, MN – regulated states
- MI – Soil Gas Compliance Inspector (SGCI) program state
- Home inspectors regulated in WI but not mitigators
- Draft bill reviewed – radon measurement / mitigation & soil gas (vapor) mitigation (not vapor sampling); references NR 700 Rule Series
- Next steps

Open Discussion

Other topics for discussion from the workplan?

Questions or general comments?

Next Steps and Assignments

- Continue VI Communications Mapping / Mitigation Timeline draft
- Telemetry Fact Sheet development
- Local Government Outreach & Education Ad Hoc Committee
- Mitigation Contractor Certification Ad Hoc Committee
- Other?

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CONNECT WITH US

Thank you!

DNR RR Program Contacts:

dnr.wi.gov/topic/Brownfields/Contact.html



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OFF THE RECORD"