

Air Management Study Group Quarterly Meeting

August 4, 2022

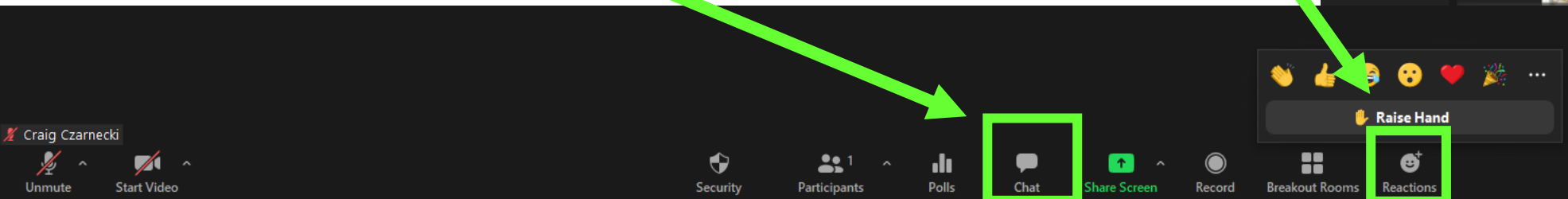
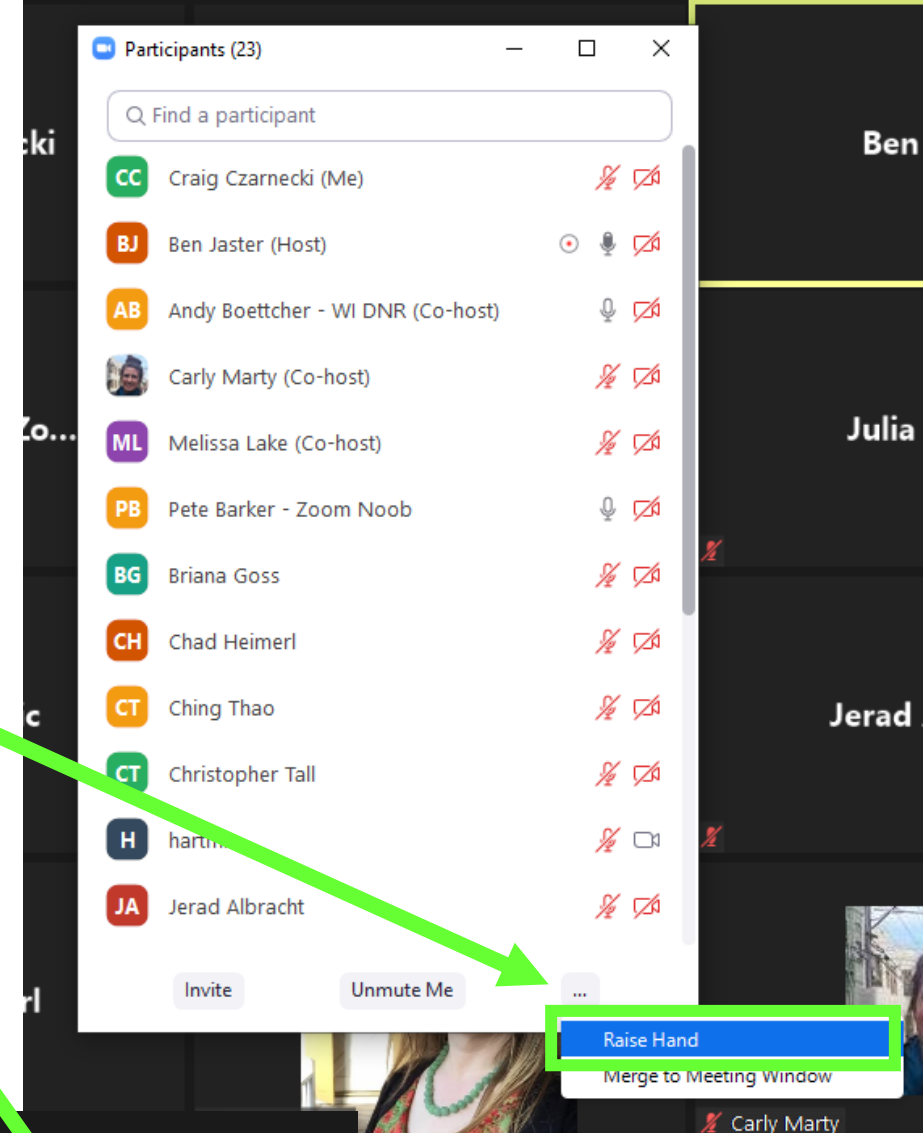
Zoom Guidelines

Hello Everyone,

We've developed some guidelines for this meeting, in the hopes of making this a smooth and enjoyable experience for all. Thank you in advance for your understanding.

Zoom Guidelines

- Questions will be addressed throughout the meeting.
- All participants will be muted during the meeting.
- If you'd like to speak, use the "Raise Hand" button and you will be unmuted when appropriate.
- Questions may also be asked in the chat. The chat is setup so that all messages are sent to the host privately.



Zoom Guidelines

- The host will attempt to respond to all messages received, but some messages may be missed.
- Participants will join the meeting with their video disabled. We ask that you keep your video disabled for the duration of the meeting.

Zoom Guidelines

- We ask for patience while the Air Program conducts this meeting with this setup.
- Zoom technical support: **support.zoom.us**

Air Management Study Group Quarterly Meeting Agenda

- Opening remarks & agenda review
- Program Updates
- Telework Policy
- IT Update
- Staff Updates
- Proposed guidance, rules and legislative update
- EPA Spring Unified Agenda
- Web Updates
- Clean School Bus Program
- NR438
- Utilities Update
- Member Update
- Ozone Topics
- AMSG Membership

Telework Policy

Katie Praedel

Acting Air Management Program Director

IT Update

Katie Praedel
Acting Air Management Program Director

Microsoft Teams

- Replacing Skype as primary tool for meetings internally and externally
- Still using Zoom in some instances
- All meetings will continue to include a virtual option

Staff Updates

Barb Pavliscak

Acting Air Management Program Field Operations Director

Staff Updates

- Andy Stewart, Field Operations Director
- Susan Lindem, West Central Region Supervisor

Regional Supervisor Map Coverage

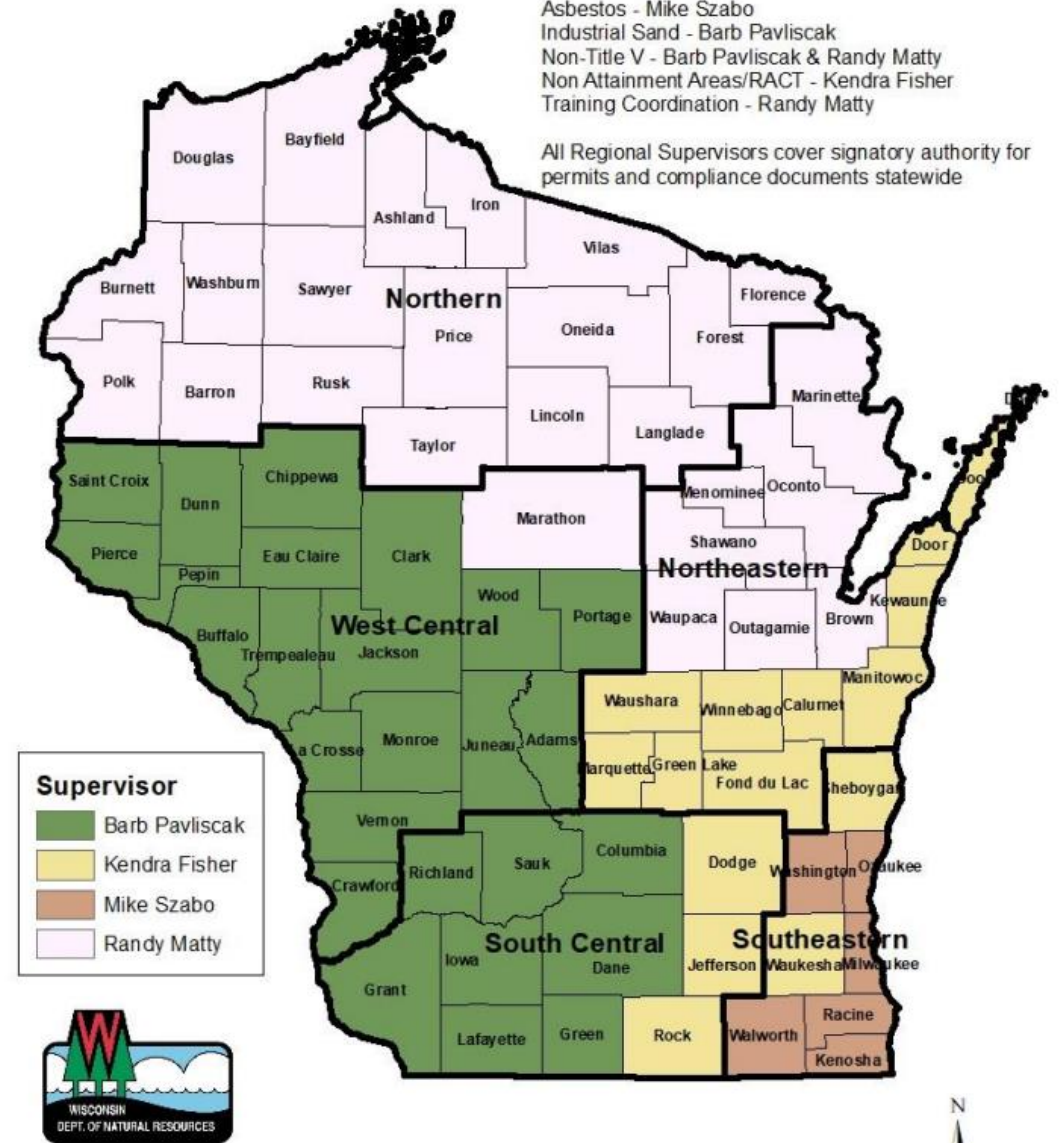
- Found on the DNR website here:
<https://dnr.wisconsin.gov/topic/AirQuality/Contacts.html>

Air Management Regional Supervisors

Air Program Responsibilities

Asbestos - Mike Szabo
 Industrial Sand - Barb Pavliscak
 Non-Title V - Barb Pavliscak & Randy Matty
 Non Attainment Areas/RACT - Kendra Fisher
 Training Coordination - Randy Matty

All Regional Supervisors cover signatory authority for permits and compliance documents statewide



May 2022

0 15 30 60 Miles



Proposed Guidance and Rules Legislative Update

Kristin Hart, Permits and Stationary Source Modeling Section Chief

Jason Treutel, Air Quality Planning and Standards Section Chief

DNR Guidance

DNR Guidance in Drafting Phase	Description	Target Date
None		
DNR Guidance in Public Comment	Description	Date Posted
None		
DNR Guidance in Final Review Phase		Target Posted
Landfill Gas and Air Emissions Guidance for Municipal Solid Waste Landfill Owners and Operators	Air Management and Solid Waste Programs have updated guidance to include new Federal Requirements.	Fall 2022
Finalized DNR Guidance	Location	Final Date
None		

Proposed/Final DNR Rules

Proposed DNR rule	Description	Phase
AM-20-18 VOC RACT Revisions	Updates RACT rules in ch. NR 422 to meet current EPA Guidelines for Miscellaneous Metal and Plastic Parts Coatings, and Miscellaneous Industrial Adhesives, and other updates.	Published CR 20-088 (wisconsin.gov)
AM-31-19 Emissions Inventory Reporting	Revises NR 438 to align with federal Air Emissions Reporting Rule requirements, resolves inconsistencies between state and federal emissions reporting, and addresses ambiguities in current rule.	Published CR 21-072 (wisconsin.gov)
AM-05-21 NOx RACT Rule	Updates RACT rules in NR 428 to address implementation issues that have been identified since previous NR 428 revisions in 2001 & 2007	Rule Drafting
AM-05-22 Compliance Demonstration Rule	Updates to testing, monitoring, recordkeeping, reporting requirements for compliance	Scope Statement Development

Proposed EPA Rules/Guidance

Proposed EPA rule/guidance	Docket	Comments due
Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards	EPA-HQ-OAR-2019-0055	05/13/2022
Available and Emerging Technologies for Reducing Greenhouse Gas Emissions from Combustion Turbine Electric Generating Units	EPA-HQ-OAR-2022-0289	06/06/2022
Determinations of Attainment by the Attainment Date, Extensions of the Attainment Date, and Reclassification of Areas Classified as Marginal for the 2015 Ozone National Ambient Air Quality Standards	EPA-HQ-OAR-2021-0742	06/13/2022
Federal Implementation Plan Addressing Regional Ozone Transport for the 2015 Ozone National Ambient Air Quality Standard	EPA-HQ-OAR-2021-0668	06/21/2022
Standards of Performance for Steel Plants: Electric Arc Furnaces	EPA-HQ-OAR-2002-0049	08/15/2022

EPA Spring Unified Agenda

Jason Treutel
Permits and Stationary Source Modeling Section Chief

EPA's Spring 2022 Unified Agenda – Ozone and PM2.5

Rule	Proposal Date	Final Date	Notes
2015 Ozone NAAQS – Moderate Bump Ups	Apr 2022	Oct 2022	Program commented in June 2022. Final rule will require higher NSR offset ratio for MKE, Sheboygan, Kenosha areas.
2015 Ozone Transport Rule (FIP)	Apr 2022	Mar 2023	Program commented on proposal June 2022. As proposed, requirements begin ozone season 2023.
PM2.5 NAAQS Review	Aug 2022	Mar 2023	PM standard will likely be lowered. Depending on level, may have one or more NAA's.
Ozone NAAQS Reconsideration	Apr 2023	TBD	Not clear if EPA intends to retain the existing standard or lower the standard.

EPA's Spring 2022 Unified Agenda – Section 111

Rule	Proposal Date	Final Date	Notes
Oil and Gas NSPS/Emissions Guidelines for Methane- 111(b) and 111(d) (Supplemental Proposal)	Oct 2022	May 2023	Program commented on the original proposal in Jan 2022. EPA indicated at that time to expect a supplemental proposal.
Emission Guidelines for Existing Fossil Fuel Power Plants- 111(d)	Mar 2023	TBD	Recent Supreme Court decision will inform the scope of rule. Will require detailed review and likely development of a state plan.
NSPS for New Fossil Fuel Power Plants – 111(b)	Mar 2023	TBD	

EPA's Spring 2022 Unified Agenda - Mobile Sources

Rule	Proposal Date	Final Date	Notes
Removal of the Gasoline Volatility Waiver- Request from States	Aug 2022	TBD	Governor's office was a signatory on this request..
Heavy-Duty Engine and Vehicle Standards (2027+)	Mar 2022	Dec 2022	Program commented in May 2022. Must be finalized by December 2022.
NOx and GHG Standards for Light-Duty and Medium-Duty Engines (2027+)	Mar 2023	Mar 2024	
Light-Duty Fuel Efficiency Standard (DOT) (2027+)	Mar 2023	TBD	
Fuel Efficiency and GHG Standards Heavy-Duty Vehicles (2030+)	May 2023	TBD	

EPA's Spring 2022 Unified Agenda - Permitting and Compliance

Rule	Proposal Date	Final Date	Notes
Reconsideration of Fugitive Emissions Rule: PSD and NNSR	Nov 2022	TBD	Permitting will review rule.
Clarify Scope of 'Applicable Requirements"- State and Federal Operating Permit Programs	Jul 2022	TBD	Permitting will review rule.
Reclassification of Major Sources to Area Sources- Section 112	Feb 2023	Feb 2024	Permitting will review rule.
Project Emissions Accounting- PSD and NNSR	Feb 2023	TBD	Permitting will review rule.
Revisions to Minor NSR Program Req for SIPs	Mar 2023	TBD	Permitting will review. May require SIP revision in the future.

Web Updates

Kristin Hart

Permits and Stationary Source Modeling Section Chief

Permit Public Notice Webpage Update Project

Goals

- Provide easy access to permit related documents
- Provide additional resources to explain the public's role in the permit process
- Review and revise permit template documents to increase understanding of proposed projects and potential emissions



Public involvement website updates

New air permit public involvement webpage

- New table of recent air permit applications
- Updated table of public notices
- New table of recent air permit final decisions
- Permit writer contact information

AIR PERMIT APPLICATIONS RECEIVED

The table below lists applications for air pollution control permit actions currently under review by DNR's Air Management Program. The applications will remain on this list up to 180 days or until DNR posts a public notice that the review of the application is available for public comment. Once the application becomes available for public comment, the draft permit will move to the [public comment table](#). When a final permit decision is made, the item will move to the [final permit decision table](#).

The Application is viewable by clicking on the permit number.

CONTACT INFORMATION:

For air permit public comment questions or opportunities, contact [Kristin Hart](#)

For questions about this webpage, contact [Megan Corrado](#)

Facility name	County	Permit number	Application received	Permit writer
CARDINAL FG	COLUMBIA	11107118A-P21	03/09/2022	Yeung, Paul Q
CARDINAL FG	COLUMBIA	22-POY-021	03/09/2022	Yeung, Paul Q
DIDION MILLING-CAMBRIA	COLUMBIA	21-QRL-047-R1	03/07/2022	LeSage, Quinton R
UNIROYAL ENGINEERED PRODUCTS LLC	DANE	11300421A-P40	03/04/2022	Crawford, Carol V
WOOD ECOLOGY INC	EAU CLAIRE	61806305A-F12	03/04/2022	Goonewardena, Ruhun S
3M - MENOMONIE PLANT	DUNN	22-QRL-018	03/02/2022	LeSage, Quinton R

Additional resources

Links on air permit public involvement webpage:

- Permit process flowcharts
- Hearings and meetings calendar
- EPA's Title V petition process
- Video tutorials
- Example permit review documents with plain language annotations



Document updates

Updated application analysis document

- Table of Contents
- More plain language background information
- Links to DNR and EPA websites
- Glossary of terms and abbreviations



Clean School Bus Program

Jason Treutel

Air Quality Planning and Standards Section Chief

Program Overview

\$5 billion in Federal funding administered by EPA over next five years (FY 2022-2026)

- Half directed towards zero emission school buses / half directed towards alternative fuel or zero emission school buses
- Midwest states may see 1,000-2,500 EV buses



2022 Clean School Bus Rebate Program

- Application period 5/20/22 – 8/19/22 for a \$500 million rebate program
- Districts can submit a single application for up to 25 school buses
 - EV charging infrastructure
- Priority schools will receive additional funding and be more likely to be selected
 - High need school districts and low-income areas
 - Rural school districts
 - Tribal school districts

The maximum rebate amount per bus is dependent on:

- Bus Fuel Type
- Bus Size
- Whether the school district served by the buses meets one or more prioritization criteria

The table displays maximum funding levels. EPA will not disburse rebate funds in excess of the actual cost of the replacement bus **and any costs above the maximum funding level are the sole responsibility of the applicant/awardee.**

Maximum Bus Funding Amount per Replacement School Bus

School District Prioritization Status	Replacement Bus Fuel Type and Size					
	ZE – Class 7+	ZE – Class 3-6	CNG – Class 7+	CNG – Class 3-6	Propane – Class 7+	Propane – Class 3-6
Buses serving school districts that meet one or more prioritization criteria	\$375,000	\$285,000	\$45,000	\$30,000	\$30,000	\$25,000
Buses serving other eligible school districts	\$250,000	\$190,000	\$30,000	\$20,000	\$20,000	\$15,000

NR438 Update

Maria Hill
Compliance and Emissions Inventory Section Chief

Revised Air Emissions Inventory Reporting Rule

Facilities must comply with the updated [ch. NR 438, Wis. Adm. Code](#) starting with the 2023 air emissions inventory reporting for calendar year 2022 emissions.

1. These sources are now required to report annual emissions of all criteria air pollutants and ammonia, regardless of emission amounts:
 - Major sources in [nonattainment areas](#)
 - Sources with the potential to emit equal to or greater than 100 tons per year of criteria air pollutants or ammonia
 - Sources with actual emissions of 0.5 ton per year of lead

Revised Air Emissions Inventory Reporting Rule

2. Reporting requirement added for sources that directly emit fine particulate matter (PM_{2.5})
3. Annual EI may exclude emissions from specific emission units, operations, or activities now listed in s. NR 438.03(1)(am)3., Wis. Adm. Code
4. State administrative code language aligned with federal emissions reporting terminology and updated to reflect DNR's current emissions inventory reporting process

Utilities Update

Presenter Jeff Jaekels, Wisconsin Utilities Association
Jason Treutel, Air Quality Planning and Standards Section Chief

Member Updates

Ozone Topics

Caitlin Kohlbeck
Acting Air Monitoring Section Chief

Jason Treutel
Air Quality Planning and Standards Section Chief

Status of the 2022 Ozone Season

Top Four 8-Hour Average Ozone Concentrations – as of July 18, 2022

Wisconsin Sites	Concentrations (ppb)				2022 Critical values		Days at/above C.V.		Current 2020-2022 2015 NAAQS "DV"
	1st high	2nd high	3rd high	4th high	2008 std	2015 std	2008 std	2015 std	
Bayside	83	83	75	74	82	67	2	6	73
Chiwaukee	91	85	84	70	71	56	3	25	75
Grafton	83	73	73	72	83	68	1	5	72
Harrington Beach	89	83	78	71	84	69	1	5	71
Kenosha-WT	77	72	71	71	78	63	0	8	73
Milwaukee-UPark	81	78	71	70	82	67	0	6	72
Racine	91	81	75	70	73	58	3	17	75
Sheboygan-Haven	81	77	75	71	92	77	0	2	69
Sheboygan-KA	96	79	78	77	79	64	2	7	75
Waukesha	78	71	71	69	91	76	0	1	68

2008 NAAQS: 75 ppb
2015 NAAQS: 70 ppb

2015 NAAQS: Reached critical value or exceeded standard

2008 NAAQS: Reached critical value or exceeded standard

Note: Data have not yet been QA'ed or certified and are subject to change. Values are only shown for counties with nonattainment area monitors that exceeded their critical value at least once.

*Highest DV monitor in Chicago area is at 74 for several monitors

Enhanced Ozone Monitoring Updates

- Conclusion of 2022 efforts
 - Toxics multiport samplers
 - VOC/Carbonyl
 - Continuous parameters deployed through August
- Drone study
- Viking cruise sampling
 - Deployed on July 16
 - Concluding on September 24
 - Ozone and NO₂, Met and GPS location provided
- Next steps
 - Data analysis
 - 2023 planning





AMSG Membership

Kristin Hart
Permits and Stationary Source Modeling Section Chief

AMSG Membership

- Air Management Study Group was formed in 2013
- While individual members have come and gone, member representation has stayed the same since AMSG was formed
- As we near the 10-year mark of AMSG, timing is right to review membership
- DNR provided the current membership with a survey and reviewed responses with the group at a meeting in March
- Existing members and DNR met again in May to finalize membership and discuss other changes

AMSG Membership



- May discussion topics:
 - Name change
 - Addition of a member
 - Process for reviewing membership every two years
 - Process for establishing an external co-chair

AMSG Membership

- Outcomes
 - Approved name change to Air Management Advisory Group (AMAG)
 - Approved addition of a tribal member
 - Review membership (individuals serving in roles, not representation) every two years
 - No term limits but would ask for confirmation of the individuals who will represent each member group for the next two-year term
 - Ensure members are able to meet commitments during the coming term
 - Agreed on the addition of a non-DNR co-chair
 - Duties should be described - primarily help to set agendas
 - Start with a two-year term; there would be a term limit for co-chair

Next Steps

- Review and update the group charter
- Review and finalize the proposal for reviewing membership every two years
- Review and finalize the proposal for selecting a co-chair
- Review and finalize duties of the co-chair
- Look for draft charter reflecting these proposed updates by end of August for further discussion in November
- Goal is to have the updated charter finalized and the new member and co-chair implemented by 2023

CONNECT WITH US

Next Meeting

Thursday November 10, 2022



/WIDNR



@WIDNR



@WI_DNR



/WIDNRTV



"WILD WISCONSIN:
OFF THE RECORD"