

JANUARY 2024



AIR & WASTE MANAGEMENT
ASSOCIATION

UPPER MIDWEST SECTION

QUARTERLY NEWSLETTER

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A&WMA-UMS Member Spotlight



JOHN KE



John is a Consultant at Trinity Consultants and has been with the company for a little over 4 years. He has experience with air quality permitting, air dispersion modeling, and reporting in Minnesota, and assists with similar projects in Wisconsin, Illinois, and New York. And yes, vacuuming a road is part of the job description.

John first became involved with the Air & Waste Management Association (A&WMA) starting in 2023 as part of the Communications Committee of the Association and is transitioning to the Communications Chair in 2024.

Outside of work and A&WMA, John enjoys games of all types (board and video), watching sports, and spending time with friends and family.

Safety Moment

This quarter's safety moment is about safe winter weather driving. Whether snow, sleet or ice, winter weather can cause extremely dangerous road conditions. Every year, fatal and injury crashes can happen at any time. Preparing yourself and your vehicle can reduce the risk that comes with winter driving.

Remember the basics and slow down. Slippery conditions make it significantly harder to stop. Also, do not crowd snowplows; keep a safe distance and use caution if you must pass the plow. Ensure that your vehicle is in good order and ready for the hazardous conditions by checking your lights, windshield wipers, tires and cooling system. For more information on safe winter driving tips, visit the United States Department of Transportation website [HERE](#).



A&WMA-UMS News & Announcements

WAYS TO GET INVOLVED

What are ways I can get involved in the Air & Waste Management - Upper Midwest Section? We are always looking for new involvement in any of the committee at any time of the year! Elections are held on an annual basis. We are also looking for a co-chair for the Conference on the Environment Committee and a chair for the Young Professionals Committee. Please see below for more information and feel free to reach out to the A&WMA-UMS Chair, Kathryn Anderson, at [Kathryn Anderson@stantec.com](mailto:Kathryn.Anderson@stantec.com) for with any questions or to get further information!



1. **Join a Committee.** Committees are a great first step to get involved in the A&WMA-UMS. Committees allow for members to interact in a smaller group, take ownership of specific events or tasks, and give their opinion on the direction of the organization. Committees typically meet once a month for an hour, with additional time needed for events or committee task completion. Please reference our website for more details on the committees by clicking the link at the bottom of the page.

2. **Run for an Officer position.** There are four Officers of the A&WMA-UMS - Chair, Vice Chair, Secretary, and Treasurer. Each position is a one-year term. Nominations for Officer positions will be posted to members in October of each year. Officers are expected to attend monthly board meetings (one hour/month), as well as complete required tasks for their position.

3. **Run for a Director position.** There are three Directors of the A&WMA-UMS. Directors are voting members who participate in each Board meeting. They also are the sole members of the Nominating Committee, who are in charge of annual Board elections. Each director position is a three-year term. Nominations for one Director position will be posted to members in October of each year. Directors are expected to attend monthly board meetings (one hour/month) and lead the election process in the fall.

Please take a look at our website for more details and information if you are interested in getting involved contact Kathryn Anderson at the link above!



AIR & WASTE MANAGEMENT
ASSOCIATION

Publishing Young Professionals!



The Young Professionals Advisory Council (YPAC) invites you to **submit an article for the A&WMA EM Magazine!** Be featured in the Annual YP Issue or add to the YP Perspectives column.



1. Who is eligible?

Young Professionals (YPs) and students 35 years old and under can submit articles. No A&WMA membership required! Write anything from technical to soft skills in the environmental industry.



2. Contact us

Feel free to email the **YPAC Publications Committee** through our main page www.awma.org/ypac. We can provide you with further details, links, and gladly answer any questions you have.



3. Get writing!

Write a maximum of 1500 words for the Annual YP Issue or 1000 words for YP Perspectives column. Make sure to follow the general **A&WMA Author Guidelines**.



4. Submission

Submit your article and attachments to the YPAC Publications Committee and A&WMA Managing Editor. Deadlines are posted on the **EM Editorial Calendar**.



5. Review process

Your article will be reviewed by **EM's Editorial Advisory Committee (EAC)**. After approval, there will be two rounds of edits with provided timelines and due dates.



6. Published!

EM Magazine publishes final issues online and provides all authors with a high resolution PDF copy. Hard copies are available for order through Blurb.



Don't be shy, reach out to us!



Interested in volunteering for YPAC?

www.awma.org/ypac

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A&WMA-UMS Past Event Highlights

A&WMA-UMS WhirlyBall Happy Hour

On October 24, the A&WMA Upper Midwest Section's Young Professionals (YP) Committee held a networking event and happy hour at Twin Cities WhirlyBall in Bloomington. Attendees enjoyed a fierce competition followed by socialization and appetizers.



2023 Arrowhead Environmental Conference

On October 3rd, AWMA-UMS and the Solid Waste Association of North America's (SWANA) MN Chapter continued their partnership to present the Arrowhead Environmental Conference in Proctor, MN. This event featured topics of relevance to the Arrowhead region, including discussions on mining, water quality in the St. Louis River, regional waste management challenges, and the City of Duluth's efforts to promote projects related to climate, sustainability and infrastructure enhancements. In total the event drew approximately 50 participants.

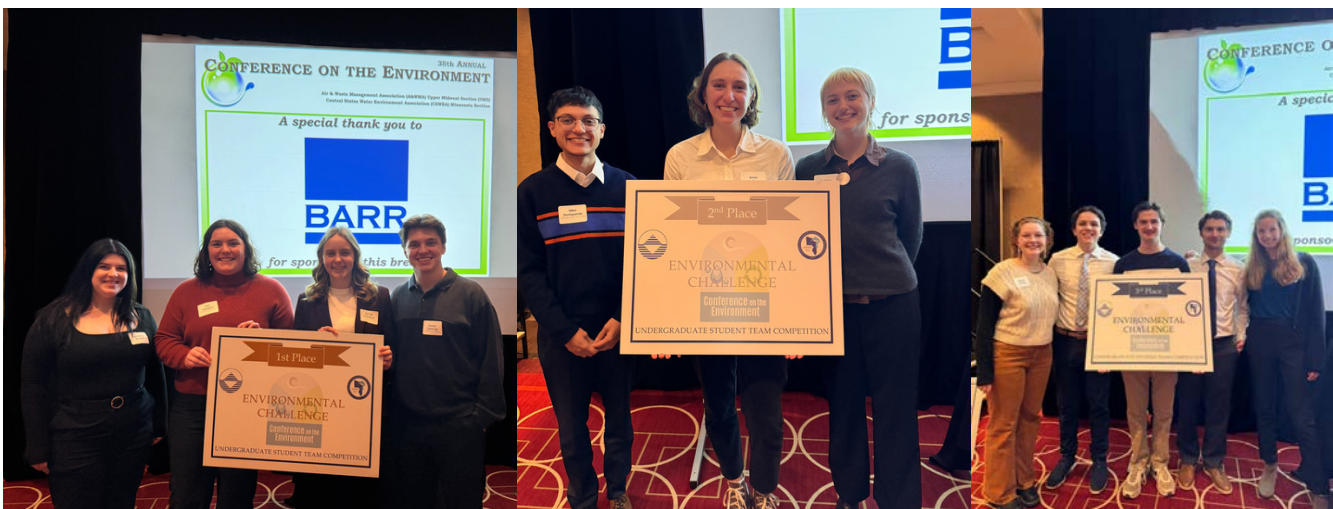
A&WMA-UMS Past Event Highlights

2023 North Dakota Environmental Conference

A&WMA-UMS hosted its 3rd Annual North Dakota Regional Environmental Conference on September 12th in Bismarck, North Dakota. Highlights of the conference included Keynote Speaker Dave Glatt, Director of the North Dakota Department of Environmental Quality (NDDEQ), Deb Eslinger's presentation on connecting with your team, as well as a variety of discussions on various environmental topics.

2023 Conference on the Environment

AWMA-UMS and the Minnesota Section of the Central States Water Environment Association (CSWEA) held the 38th Annual Conference on the Environment (COE). The event featured MN Chapter continued their partnership to present the Arrowhead Environmental Conference in Proctor, MN. This event featured keynote speaker Dr. Denice Nelson of Johnson Controls and provided attendees opportunities to learn about various topics regarding wastewater, waste management, environmental reporting, air dispersion modeling, and PFAS. As part of the COE, four teams of undergraduate students from the University of Minnesota and the University of St. Thomas participated in the Environmental Challenge. This year, the challenge focused on wastewater treatment and cash awards were provided to the top three teams.



JANUARY 2024

A&WMA-UMS Upcoming Events

2024 Solid Waste Operators Conference

The Minnesota Chapter of SWANA and AWMA-UMS are excited to announce the Solid Waste Operator Conference on February 21, 2024.

This conference is focused on presenting relevant information related to the safe and effective operations of solid waste facilities in compliance with all applicable regulations, covering emerging issues affecting the management of these facilities. Topics include managing leachate rock and PFAS trends in leachate, health and safety topics related to waste characterization and fire response, production of RNG from organic wastes, and a MPCA regulatory update.

Registration is open for the conference [HERE](#).



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Upcoming A&WMA National Events



The Science of PFAS: Chipping Away at the Details

The research around per- and polyfluoroalkyl substances (PFAS) continues to inch forward through the talents of all sectors working together to find answers and develop solutions. A&WMA continues this premier conference to bring together scientists, researchers, academics, practitioners, regulators, and the regulated community to further the conversation on the current state of PFAS science and solutions for the future. Conference sessions will explore health effects, current regulatory approaches, forensics, and guidance for PFAS in water, soils and biosolids, landfills and leachate, and air, as well as methods for their measurement, treatment, destruction, and disposal. For more information, click [HERE](#).



Odour Management: Embracing Global Perspectives

This conference, which will be held at the Sutton Place Hotel in Toronto, Ontario, Canada on May 14-16, 2024, will cover a wide array of odor topics, including odor science, chemical forensics and source identification, field assessment methods, electronic sensing, sampling methods, policy and regulation, modeling, controls and mitigation, community impacts, and best practices. In partnership with the Ontario Section of A&WMA, the two-day International Conference will be followed by a full day of discussions focused on Ontario specific odor and noise nuisance issues and land-use planning.

The conference seeks to distinguish itself as an international meeting ground for industry, municipalities, regulators, consultants, academics, vendors, and attorneys who are responsible for managing and communicating odor concerns. The second part of the conference, dealing with Ontario nuisances issues, will be of interest to many of the international attendees to understand how these issues are handled at a local level. The last day will also be important to attorneys, consultants, land-use planners, acoustic consultants, municipalities, and industry dealing with land use compatibility issues between emitters and sensitive uses. For more information, click [HERE](#).

JANUARY 2024

Upcoming A&WMA National Webinars



Planning a Successful Webinar

- Wednesday, March 6, 1:00pm EST

Odour Fundamentals

- Thursday, March 21

Please click [**HERE**](#) for registration information.

Past webinars can be accessed and purchased [**HERE**](#).

State Permitting/Rule Updates/Form Updates

Minnesota Pollution Control Agency

PFAS in Products Currently Unavoidable Use

The MPCA is requesting public comments on a rule to establish a program for the agency to determine currently unavoidable uses of intentionally added PFAS in product available in Minnesota. The public can submit comments until March 1, 2024 [HERE](#).

Waste Treated Seeds

The MPCA is requesting public comments on possible amendments being considered for waste treated seed rules governing solid waste and hazardous waste. The public can submit comments until January 30, 2024 [HERE](#).

MPCA Air Toxics Rulemaking

The MPCA recently requested public comments on new rulemaking related to air toxics emissions reporting requirements for facilities located in the seven-county metro area. The comment period closed on September 22, 2023 and a summary of the comments received are available [HERE](#).

In addition, the MPCA recently held an meeting on December 13, 2023 on new rulemaking related to implementing and governing the regulation of facilities that emit air toxics. The recording of that meeting is available [HERE](#) and feedback can be submitted on the information meeting through February 7, 2024 [HERE](#).

PFAS Ban

The MPCA is beginning to implement Amara's Law, also known as the nonessential per- and polyfluoroalkyl substances (PFAS) ban. The full ban will go into effect on January 1, 2032. The ban includes the prohibition of sale or distribution of products with intentionally added PFAS in the state of Minnesota. Some consumer goods include carpets, cosmetics, and fabric treatments. To learn of the MPCA's detailed timeline on implementing the law or more background information on it click [HERE](#).

MPCA Air Quality Permitting Guidance

The MPCA offers extensive permitting guidance on their website at the following link: [MN Permitting Guidance](#)



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Minnesota Pollution Control Agency

MPCA Quarterly Air Mail Newsletter

MPCA publishes a quarterly Air Mail newsletter with all of their latest news and information. If you are interested in receiving the quarterly via email, sign up here: [MPCA Communications Link](#)

EVENTS AND OPPORTUNITIES

- MPCA will host online meeting summarizing cumulative impacts rule comments
- Attend a virtual meeting on air toxics regulations rulemaking
- Grants available for cleaner heavy-duty off-road equipment
- New project will reduce pollution from boilers

GENERAL

- MPCA forecasters: After record number of air quality alerts, even more hazy days expected
- Legislature puts the spotlight on environmental justice issues
- Cleaner and quieter electric school buses start to hit the road
- Best practices for backyard fires

REGULATORY

- How Minnesota passed the country's first ban on trichloroethylene
- Emissions inventory updates
- Calculations forms now available for permit applications
- MPCA air quality enforcement news
- Draft air permits open for comment

State Permitting/Rule Updates/Form Updates

Minnesota Pollution Control Agency

MPCA Form Updates

The following MPCA air permit application forms have been updated from November 1st, 2023 through today ([Link to MPCA Forms](#)):

- Applicability determination review completeness checklist (11/1/2023)
- Registration permit application review completeness checklist (11/8/2023)
- Capped permit application forms master list and general instructions (11/8/2023)
- SCP-01: Submittal cover page (11/8/2023)
- GI-01: Facility information (11/3/2023)
- GI-05D: Fugitive emission source information (11/1/2023)
- GI-09B: Requirements - NESHAP (40 CFR 61) (11/1/2023)
- GI-09G: Requirements - Risk management programs for chemical accidental release prevention (11/1/2023)
- GI-09K: Requirements - CSAPR (11/1/2023)
- CD-03: Compliance schedule (11/1/2023)
- ME-02: Monitor associations (11/1/2023)
- CH-GI-01: Facility information for permit changes (11/3/2023)
- CH-12: Written notification form (11/1/2023)
- RP-01: Facility information (11/3/2023)
- RP-03: NSPS requirements form (11/1/2023)
- RP-07: NESHAP requirements form for registration permits (11/1/2023)
- RP-05: Administrative change form (11/3/2023)
- CAP-GI-01: Facility information (11/3/2023)
- CAP-GI-09D: NSPS Requirements (11/1/2023)
- CAP-GI-09G: Risk management program requirements (11/1/2023)
- CAP-ADM: Capped permit administrative changes (11/3/2023)
- NM-02: Facility information (11/3/2023)
- NM-05: Insignificant activities required to be listed (11/1/2023)
- NM-EN: Stationary internal combustion engines fuel use (11/1/2023)
- NM-RE: Location notification (11/1/2023)
- GP-01: Air emission general permit administrative changes (11/3/2023)
- DG-01: Delegation of authority of responsible official (11/1/2023)
- RE-01: Relocation notification form (11/1/2023)
- OR-01: Conditional ambient monitoring off-ramp requests (12/8/2023)
- Various emission calculation spreadsheets have also been updated



State Permitting/Rule Updates/Form Updates

Wisconsin Department of Natural Resources

Wisconsin Updates

Wisconsin DNR Air Quality Permitting Guidance

Have you ever wondered how the permitting process in Wisconsin works? The eleven-step process is detailed on the Wisconsin Department of Natural Resources' webpage. See the following link for more details: [Construction Air Permit Process](#) & [Operating Permit Process](#).

Wisconsin DNR Current Air Quality Permitting Forms

The latest forms for air applications can be found here: [Link to Forms](#)

North Dakota Department of Environmental Quality

CERIS

The North Dakota Department of Environmental Quality (DEQ) utilizes CERIS (Combined Environmental Regulatory Information System) in order to submit, revise and management air quality applications, registrations or permits, pay environmental fees and submit and view documentation. Access the CERIS here: [Home - CERIS-ND](#)

ND DEQ Air Quality Permitting Guidance

The North Dakota DEQ offers extensive permitting guidance on their website at the following link: [ND Permitting Guidance](#)



South Dakota Department of Agriculture and Natural Resources

South Dakota DANR Air Quality Permitting Guidance

The South Dakota Department of Agriculture and Natural Resources (DANR) outlines current forms on their website at the following link: [Link to Forms](#). Additionally, SD DANR offers permitting guidance on their website at the following link: [SD Permitting Guidance](#).



In the News

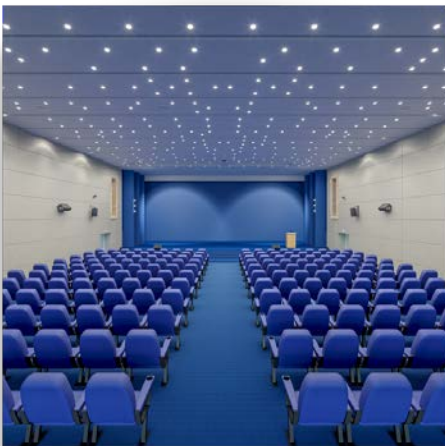
National Ambient Air Quality Standards for Fine Particulate Matter

In January 2023, EPA proposed to lower the primary annual National Ambient Air Quality Standards (“NAAQS”) for fine particulate matter (“PM_{2.5}”) from 12 micrograms per cubic meter (“µg/m³”) to a level between 9 and 10 µg/m³. The final rule is currently under review, and EPA is expecting to issue the final rule in January 2024. The new PM_{2.5} standard is expected to take effect within 60 days after publication of the final rule. Click [HERE](#) to read more.

New EPA Greenhouse Gas Emission Standards

In May 2023, EPA proposed its greenhouse gas (“GHG”) emission standards for the fossil-fueled power sector under Section 111 of the Clean Air Act. The rule will require affected sources to achieve GHG emissions limits and guidelines based on technologies such as carbon capture and sequestration (“CCS”), low-GHG hydrogen co-firing, and natural gas co-firing. EPA expects to finalize the rule in April 2024. Click [HERE](#) to read more.

New EPA Vehicle Emission Rules



In April 2023, EPA proposed two rules that would regulate vehicle emissions: one concerning GHG emissions from [heavy-duty vehicles](#) and one concerning criteria pollutant, GHG, and air toxics emissions from light- and medium-duty vehicles. The proposed standards for light- and medium-duty vehicles would be phased in over model years 2027 through 2032, and the heavy-duty vehicle GHG emissions standards would commence with model year 2027. EPA expects to finalize both rules in March 2024. Click [HERE](#) to read more.

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2024 BOARD MEMBERS

Chair	Kathryn Anderson	Stantec Consulting Services, Inc.
Vice-Chair	Kelsey Suddard	Braun Intertec
Past Chair	Shelley Koehn	3M Company
Treasurer	Hannah Mathers	Xcel Energy
Secretary	Liam Brady	Stantec Consulting Services, Inc.
Director	Hassan Bouchareb	Minnesota Pollution Control Agency
Director	Bill Norge	3M Company
Director	Jess Keller	Xcel Energy

2024 COMMITTEE CHAIRS

Communications Committee Chair	John Ke	Trinity Consultants
Young Professionals Committee Chair	Open	Open
Education Committee Chair	Aisha Balogh	Barr Engineering Company
Membership Committee Chair	Shelley Koehn	3M Company
North Dakota Regional Environmental Conference Committee Chair	Amanda Gravseth	Barr Engineering Company
Arrowhead Environmental and Solid Waste Operators Conference Committee Chair	Roger Clarke	Xcel Energy
Conference on the Environment Committee Chair	Open	Open



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