

APRIL 2025



AIR & WASTE MANAGEMENT
ASSOCIATION

UPPER MIDWEST SECTION

QUARTERLY NEWSLETTER

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A&WMA-UMS Member Spotlight



ANNE STAV



Anne is an Associate at Stantec and has been with Wenck and Stantec for a little over 5 years. She has experience with air quality permitting and multi-media environmental compliance in North Dakota, South Dakota, Minnesota, and Texas.

Anne first became involved with the Air & Waste Management Association (A&WMA) starting in 2020 as part of the planning committee for the first AWMA-ND Regional Environmental Conference and is currently the chair of the ND Regional Conference Committee. She invites you to the fifth annual AWMA-ND Regional Conference to be held on Oct. 15th at the Bismarck State College National Energy Center of Excellence.

Away from work, Anne watches her kids' sports games and spends time with family and friends.

Safety Moment

This quarter's safety moment is about smoke and carbon monoxide (CO) alarm safety and maintenance. Did you know that recent research has demonstrated that a fire can spread much more rapidly with modern furnishings using more synthetic materials?¹ Keep your family safe by following these guidelines to maintain smoke and CO alarms:

- Test all smoke and CO alarms monthly.
- Replace batteries in all alarms yearly, with the exception of 10-year, sealed lithium batteries for some smoke alarms.
- Replace smoke alarms every ten years and CO alarms every 5-7 years.
- Follow manufacturer's instructions on where to install alarms - for example, smoke alarms must not be installed near windows, outside doors, or other drafty area.
- There are special alarms you can install for deaf, deafblind, and hard of hearing individuals. Click [HERE](#) for more information and a vendor list for these alarms.

For more information on fire and CO alarm maintenance, visit the National Fire Protection Agency and Minnesota Department of Public Safety websites [HERE](#) and [HERE](#).

Sources:

1. Installing and maintaining smoke alarms. National Fire Protection Agency. Accessed here: [Installing and maintaining smoke alarms - NFPA](#)



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 chair for the Young Professionals Committee as well as committee members to assist with the Conference on the Environment. 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 two-year term. Nominations for Officer positions will be posted to members in October and will rotate between Chair/Vice-Chair and Treasurer/Secretary 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.



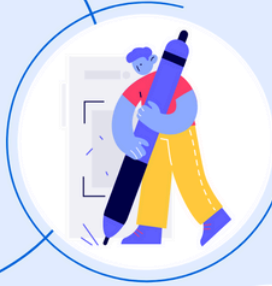
1. Who is eligible?

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.



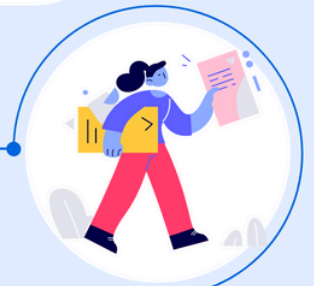
3. Get writing!

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 ND Regional Conference

In September 2024, AWMA's Upper Midwest Section held the 4th Annual North Dakota Regional Environmental Conference in Bismarck, North Dakota. Over 60 attendees heard from Jordan Haywood (keynote speaker; 2024 A&WMA Immediate Past President), participated in a panel Q&A session with leadership from the North Dakota Department of Environmental Quality, and learned about the new and exciting things happening at the federal and state levels affecting air, water, and waste compliance.

2024 Arrowhead Environmental Conference

On October 1, 2024, AWMA's Upper Midwest Section in conjunction with the Minnesota Chapter of SWANA sponsored the Arrowhead Environmental conference in Duluth Minnesota. In 2024 the total number of attendees was around 50. This conference distinguishes itself from other environmental conferences by focusing on environmental topics that are of particular interest to environmental professionals located in Minnesota's Arrowhead Region.



2025 Solid Waste Operators Conference

On February 21st, 2024 AWMA's Upper Midwest Section in conjunction with the Minnesota Chapter of SWANA sponsored the 14th annual Solid Waste Operators Conference. This event was held in St. Cloud Minnesota. In 2024 the total attendances was just over 80. This annual conference provides attendees with 6 hours of content focusing upon the safe, efficient and compliance operation of solid waste facilities. Attendees are provided 6 Continuing Education Units to apply towards the reissuance of their Minnesota solid waste operator's licenses.

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A&WMA-UMS Past Event Highlights

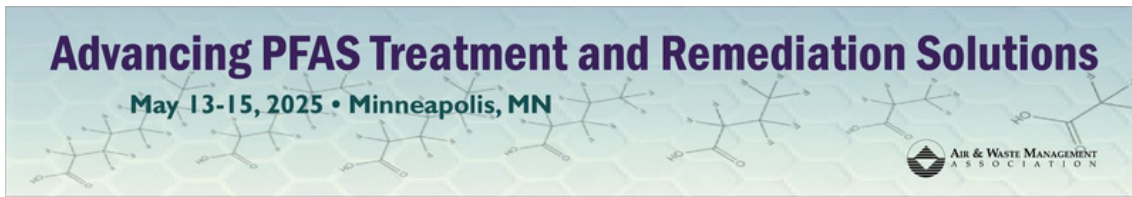
2024 Conference on the Environment

AWMA-UMS and the Minnesota Section of the Central States Water Environment Association (CSWEA) held the 39th Annual Conference on the Environment (COE). This event featured keynote speaker Ryan Long, President - Xcel Energy Minnesota, North Dakota & South Dakota and provided attendees opportunities to learn about Minnesota's energy transition plan. As part of the COE, four teams of undergraduate students from the University of St. Thomas participated in the Environmental Challenge. This year, the teams were asked to evaluate Maximum Available Control Technology (MACT) requirements for electroplating, quantify acute and chronic human health risk impacts for communities near the proposed locations, and assess VOC control devices for the solvent cleaner. Cash awards were provided to the top three teams.



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A&WMA-UMS Upcoming Events



The treatment and remediation of PFAS is a complex and dynamic challenge. This conference will provide a candid, common-sense, and comprehensive view of the PFAS treatment and remediation landscape by bringing together the top researchers and practitioners in the industry. Presentations and discussions will cover technology and innovation from early concept to commercially-viable solutions for the removal, destruction, and treatment of PFAS . . . what has been working, what has not, and how we can achieve more effective solutions.

The conference will encourage open dialogue to share ideas and discuss opportunities for the future. Technology discussions will focus on practical solutions, applied technology, and developing research that are on the path toward commercialization. Multiple tracks will cover current advances in PFAS treatment, destruction, and remediation technology across multiple media including AFFF, water, soil, and solids.

Register for the conference [HERE](#).

A Legal Perspective: Enforcement of Environmental Laws and Regulatory Developments

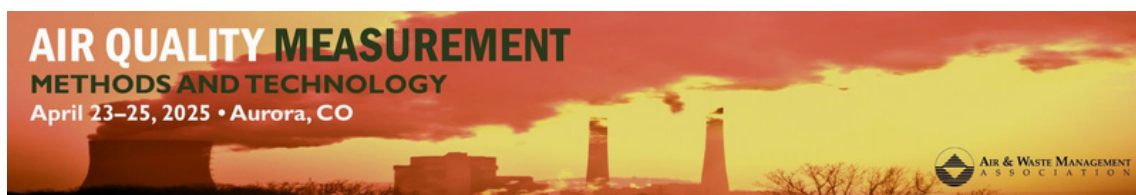
We are looking forward to our upcoming legal perspectives presentation on April 10, 2025. Brian Bell, partner at Dorsey & Whitney LLP and Shantal Pai, Attorney at Fredrikson & Byron P.A. will speak about important and evolving issues related to environmental law and provide insights on the new presidential administration's impact on environmental enforcement and the regulatory landscape.

A reception with drinks and light hors d'oeuvres will follow the presentations. This event will be held at the Dorsey and Whitney LLP Minneapolis offices and is sponsored by Dorsey & Whitney LLP. This event is free to AWMA members.

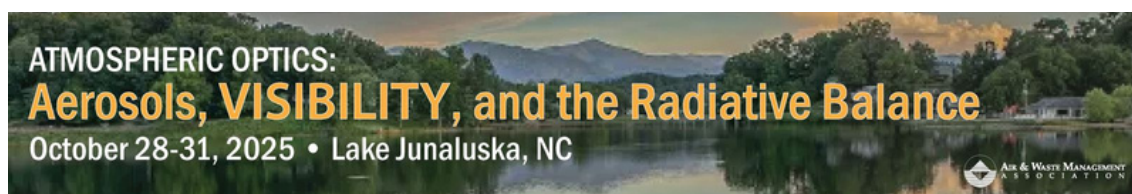
Register for the event [here](#)

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Upcoming A&WMA National Events



One of our most popular specialty conferences, the Air Quality Measurement Methods and Technology Conference provides extensive coverage of all aspects of air measurement methodologies, including associated quality assurance protocols and how to use and interpret data. Sessions will also focus on the assessment of key substances of concern for humans and the environment, including criteria pollutants, greenhouse gases, and air toxics. For more information, click [HERE](#).



This international conference will provide a technical forum on advances in the scientific understanding of the effects of aerosols on urban, regional, continental, and global-scale haze and the radiative balance. The conference will take a multipronged approach by encouraging scientific dialogue (e.g., related to measurements, modeling) as well as including presentations addressing regulatory and policy issues. This year, we will be highlighting planned sessions on biomass burning and the effects of wildfire on air quality and increasing concerns of the effects of atmospheric nitrogen and carbonaceous material on haze, climate change, and nitrogen deposition on ecosystems

The area has spectacular scenery and is immediately adjacent to the Class I, visibility-protected area of Great Smoky Mountains National Park.

This unique event includes multiple opportunities for attendees and presenters to gain a complete understanding of the wide range of issues on this topic through platform and poster presentations, expert panels, courses, and a vendor exhibit.

In addition, a mid-conference field trip to Great Smoky Mountains National Park with various levels of hiking and a visit to the IMPROVE site will provide opportunities for informal discussions on conference topics. A night sky program and star gazing will round out the exciting week in the North Carolina Mountains. For more information, click [HERE](#).

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Upcoming A&WMA National Webinars



Unveiling the Mysteries: PFAS Chemistry & Transformation

- Thursday, April 17, 1pm ET

Staying Current on PFAS Health Effects and Assessing Environmental Risk

- Tuesday, April 29, 1pm ET

Low-Cost Air Quality Sensors: Interpretation and Use

- Thursday, May 1, 1pm ET

From Regulations to Software: A Review of NSPS Kc and TANK5.1 for Storage Tanks

- Wednesday, May 7, 1pm ET

State Permitting/Rule Updates/Form Updates

Minnesota Pollution Control Agency

Animal Feedlots Rule

The MPCA is requesting public comments on amendments to rules governing animal feedlots in order to address changes in livestock and poultry operations and business practices, account for new agency data services, modernize outdated rule language, amend existing feedlot rules to improve land application of manure practices to address nitrates, bacteria and fish kills, and establish additional technical standards to protect water quality and avoid fish kills. The public can submit comments until July 22, 2025 [HERE](#).

MPCA Air Toxics Rulemaking

The MPCA recently held an information session on air toxics regulations rulemaking in March. The recording is available [HERE](#).

MPCA Cumulative Impacts Rulemaking

The MPCA recently held two webinars in February recapping the cumulative impacts rulemaking process so far and what's ahead for 2025. The agency discussed what they learned in the first request for comments in 2023, reviewed the 2024 co-learning webinars where they looked at cumulative impacts programs and community benefit agreement processes across the county, and recapped the comments from the 2024 working sessions. The recordings are available [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's Small Business Environmental Improvement Loan program is accepting applications.
- MN GreenCorps host site applications are open for 2025-2026 program year
- Input needed for MnDOT survey on electric vehicle charging network

GENERAL

- Air We Breathe 2025 report is released
- MN GHG emissions rebounded after the pandemic but remain below 2019 levels
- Climate Action Framework is getting updated in 2025 to include a more comprehensive set of actions.
- New MPCA data visualizations landing page

REGULATORY

- Mandatory calculation forms are now available
- New permitting practice to determine whether air permit applications will need to complete an ambient air quality compliance demonstration
- Risk assessment screening spreadsheet is updated
- MPCA laboratory quality control and data policy has been updated

State Permitting/Rule Updates/Form Updates

Minnesota Pollution Control Agency

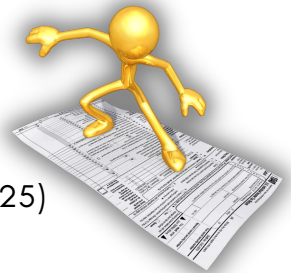
MPCA Form Updates

The following MPCA air permit application forms have been updated from November 1st, 2024 through today ([Link to MPCA Forms](#)):

- TFP application review: Completeness checklist (aq-f0-acc01) (2/10/25)
- Amendment application review: Completeness checklist (aq-f0-acc02) (2/10/25)
- Total facility application instructions (aq-f1-tfp01) (2/10/2025)
- GI-07: Facility emissions summary (aq-f1-gi07s) Spreadsheet version (1/7/2025)
- CK-01: Operating permit application requirements (aq-f1-ck01) (2/10/25)
- CH-01: Change description (aq-f2-ch01) (2/10/2025)
- CH-14: Complete notification and amendment application checklist (aq-f2-ch14) (2/10/2025)

The following are new forms that are mandatory March 3, 2025:

- External combustion air emissions calculator (aq-f13-ecs01) (1/7/2025)
- Coating air emissions calculator (aq-f13-ecs02) (1/7/2025)
- Engine air emissions calculator (aq-f13-ecs03) (1/7/2025)
- Storage piles material handling air emissions calculator (aq-f13-ecs04) (1/7/2025)
- Storage piles wind erosion air emissions calculator (aq-f13-ecs05) (1/7/2025)
- Paved roads air emissions calculator (aq-f13-ecs06) (1/7/2025)
- Unpaved roads air emissions calculator (aq-f13-ecs07) (1/7/2025)
- Grain handling air emissions calculator (aq-f13-ecs08) (1/7/2025)
- Landfill air emissions calculator (aq-f13-ecs09) (1/7/2025)
- Woodworking air emissions calculator (aq-f13-ecs10) (1/7/2025)



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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 Sulfur Dioxide

In December 2024, EPA proposed to update the secondary National Ambient Air Quality Standards (“NAAQS”) for sulfur dioxide from the 3-hour standard of 0.5 parts per million (ppm) to an annual standard of 10 parts per billion (ppb). The final rule was effective on January 27, 2025. Click [HERE](#) to read more.

EPA Announces Reconsideration of Current Programs and Regulations

In March 2025, EPA announced the reconsideration of a number of programs and regulations, including:

- [Electric Vehicle Mandate](#)
- [Greenhouse Gas Reporting Program](#)
- [Mercury and Air Toxics Standards](#)
- [OOOO b/c](#)
- [Power plant regulations](#)
- [PM2.5 NAAQS](#)
- [“Good Neighbor Plan”](#)

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2025 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 Mitchell	Stantec Consulting Services, Inc.
Director	Hassan Bouchareb	Minnesota Pollution Control Agency
Director	Bill Norge	3M Company
Director	Jess Keller	Xcel Energy

2025 COMMITTEE CHAIRS

Communications Committee Chair	John Ke	Trinity Consultants
Young Professionals Committee Chair	Open	Open
Education Committee Chair	Shelley Koehn	3M Company
Membership Committee Chair	Liam Mitchell	Stantec Consulting Services, Inc.
North Dakota Regional Environmental Conference Committee Chair	Anne Stav	Stantec Consulting Services, Inc.
Arrowhead Environmental and Solid Waste Operators Conference Committee Chair	Roger Clarke	Xcel Energy
Conference on the Environment Committee Chair	Kathryn Anderson	Stantec Consulting Services, Inc.



AIR & WASTE MANAGEMENT
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UPPER MIDWEST SECTION